526 South Church Street
Mail Code EC13K
Charlotte, NC 28202

o: 980.373.2663
c: 704.497.3627
f: 000.000.0000

April 15, 2021

Mr. Greg Cassidy
South Carolina Department of Health and Environmental Control
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Subject: Quarterly Progress Report – First Quarter 2021
Former Bramlette Manufactured Gas Plant
400 East Bramlette Road
Greenville, South Carolina
VCC 16-5857-RP

Dear Mr. Cassidy:

This Quarterly Progress Report has been prepared for the Former Bramlette Manufactured Gas Plant (MGP) site in accordance with the requirements of the Responsible Party Voluntary Cleanup Contract (VCC 16-5857-RP) between Duke Energy Carolinas, LLC (Duke Energy) and the South Carolina Department of Health and Environmental Control (SCDHEC), dated July 29, 2016. As required in the VCC, this Quarterly Progress Report summarizes:

- Work performed during the reporting period
- Test and sampling results generated during the reporting period
- Environmental problems experienced during the reporting period and their resolution
- Work to be performed during the next reporting period

The work was conducted in accordance with the following approved work plans:

- Remedial Investigation Work Plan Addendum (RIWP-A) – Former Stormwater Conveyance Ditches (submitted August 26, 2020 and approved September 1, 2020)
- Aquifer Performance Test Work Plan (submitted November 1, 2020 and approved November 17, 2020)

Work Performed During this Reporting Period

Activities performed during the first quarter (January 1 through March 31, 2021) are summarized in the table below. A site layout map is included as **Figure 1**.

Date	RI Activity
January 12, 2021	**Utility locate** – Identified and marked subsurface utilities prior to the construction of a bedrock well for the aquifer performance test (APT)
January 27, 2021	**Nationwide Permit receipt –** Received Nationwide Permit 38 (NWP 38) from the United States Army Corps of Engineers. The NWP is required to perform sediment sampling activities along the former stormwater conveyance ditch system on parcels 3 through 5.
February 3, 2021	**Boring survey** – Surveyed and staked former stormwater conveyance ditch boring locations (**Figure 2**)
February 9, 2021 – February 25, 2021	**Bedrock APT well construction and boring evaluation** – • Constructed bedrock groundwater well (MW-49BR) using hollow stem auger and air rotary drilling technologies • Performed down hole geophysical logging (acoustic televiewer, optical televiewer, 3-arm caliper, fluid temperature, fluid conductivity, single-point resistance, spontaneous potential, and heat pulse flowmeter) in MW-49BR • Completed packer tests at three discrete fracture intervals (55 feet, 70 feet, and 110 feet below ground surface) to assess water quality and pumping yield of discrete fracture zones in the bedrock well
February 9, 2021 – February 25, 2021	**Hydraulic monitoring/data logging pressure transducers** – Sixteen transducers deployed to measure baseline conditions prior to initiating the APT (**Table 1**)
February 16, 2021	**Semiannual Monitoring Report submittal** – Subsequently approved by SCDHEC on March 15, 2021
February 18, 2021	**Monitoring well maintenance** – Completed monitoring well maintenance at five wells (MW-21, MW-41S/TZ/TZL, and MW-49BR), which included lock replacement, well plug replacements, and flush mount related repairs (replacement of gaskets and bolts).
February 25, 2021 – March 4, 2021	**Aquifer performance test** – Completed APT in accordance with the Aquifer Performance Test Work Plan which included the following activities: • Baseline water level measurements • Step-drawdown test • A 72-hour constant rate (12 gallons per minute) pumping test • IDW (purge water) management • Groundwater sampling. • Post-test water level monitoring.
February 22, 2021 and ongoing	**Beaver dam removal and maintenance** – The United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service Wildlife Services removed a beaver dam along the Legacy Charter/Parcel 3 boundary. These activities also included the trapping and removal of beavers in this area. Ongoing beaver control and related maintenance of this area is planned.

Date	RI Activity
February 23, 2021	**EROE Amendment** – Received EROE amendment 8 permitting the construction of monitoring wells MW-50S and MW-50TZ on CSXT property behind Mountain View Baptist Church.
March 4, 2021; March 10, 2021; March 19, 2021; March 26, 2021	**Hydrophobic oil sorbent boom installation and maintenance** – Installed a total of 80 feet of 5-inch hydrophobic oil sorbent boom in four locations to absorb sheens observed on surface waters. The booms were deployed within the primary beaver pond, the ditch bisecting the landfill, and the westernmost ditch adjacent to the MW-3 cluster; these booms will be inspected and maintained weekly.
March 8, 2021	**Transducer download/re-deployment** – Data from the transducers previously deployed to support the APT were downloaded and these transducers were subsequently re-deployed for long term monitoring (**Table 1**).
March 9, 2021 – March 23, 2021	**Semiannual groundwater and surface water sampling** – Collected site-wide groundwater and surface water samples from 65 monitoring wells and 17 surface water locations for analysis of volatile organic compounds (VOC) and semi-volatile organic compounds (SVOCs). Samples collected from 16 of these monitoring wells were also analyzed for natural attenuation parameters as proposed in the Semiannual Monitoring Report submitted to DHEC on February 16, 2021.
March 15, 2021 – March 17, 2021	**Utility locate** – Identified and marked subsurface utilities near 25 soil borings on Parcel 2 prior to their advancement (**Figure 3**).
March 15, 2021 – March 17, 2021	**Parcel 2 soil borings** – Advanced 25 soil borings around the SA-SB-46 location. Soil samples were collected from cores for analysis of VOCs and SVOCs (**Figure 3**). Boreholes were properly abandoned with neat cement grout.
March 22, 2021	**Utility locate** – Identified and marked subsurface utilities near MW-50S and MW-50TZ prior to their construction (**Figure 1**).
March 22, 2021 – March 30, 2021	**Monitoring well construction** – Constructed and developed monitoring wells MW-50S and MW-50TZ near the Mountain View Baptist Church (**Figure 1**). The monitoring wells were constructed using hollow stem auger and hollow stem auger/air rotary technology.
March 22, 2021 - March 31, 2021	**Utility locate** – Identified and marked subsurface utilities near the soil borings along Ditch 4 (**Figure 2**).
March 26, 2021	**Interim Surface Water Best Management Practices (BMPs) Memorandum submittal** – Subsequently approved by SCDHEC on March 31, 2021.
March 22, 2021 – March 31, 2021	**Former stormwater conveyance ditch assessment** – Cleared access and placed composite mats to improve drill-rig access to boring locations. Advanced soil borings to delineate the extent of MGP impacts within historical ditches on Parcel 3, Parcel 4, and Parcel 5. Samples were collected from 13 soil borings along Ditch 4 (**Figure 2**). This work is ongoing.

Date	RI Activity
March 31, 2021	**Groundwater sampling** – Collected groundwater samples from two newly constructed monitoring wells (MW-50S/TZ) for analysis of VOCs and SVOCs.

Summary of Test and Sampling Results Generated During This Reporting Period
A summary of the test and sampling results for work performed during the first quarter (January 1 through March 31, 2020) is provided below:

- Analytical laboratory reports for completed field efforts are included in **Attachment A**. These data packages have been confirmed to be accurate and complete by the laboratory, however these data have not yet been validated per the Quality Assurance Project Plan (SynTerra, 2018). Analytical laboratory reports for the following monitoring activities are included in **Attachment A.**
    - Semiannual groundwater monitoring (March 2021)
    - Semiannual surface water monitoring (March 2021)
    - Parcel 2 soil samples (March 2021)
- Results of the borehole geophysical logs are included as **Attachment B**.
- DHEC 1903 forms for MW-49BR, MW-50S, and MW-50TZ are included as **Attachment C**. The boring log and well construction detail for MW-49BR is included in Attachment C. The boring logs and well constructions details for MW-50S and MW-50TZ will be included in the next Quarterly Progress Report (Second Quarter 2021).
- Soil boring logs from the Ditch Assessment conducted on Ditch 4, as well as the soil borings conducted on Parcel 2 will also be included in the next Quarterly Progress Report (Second Quarter 2021).
- Results from the APT are being evaluated. These data will be evaluated and summarized in the Remedial Investigation Report Addendum.
- Results from the former stormwater conveyance ditch assessment are being evaluated. These data will be evaluated and summarized in the Remedial Investigation Report Addendum.
- Results from the soil boring activities on Parcel 2 are being evaluated. These data will be evaluated and summarized in the Remedial Investigation Report Addendum.

Environmental Problems Identified During Reporting Period and Their Resolution
A beaver dam located along the Legacy Elementary/Parcel 3 boundary caused the ponding of water after heavy precipitation events for extended periods of time. As stated above, the USDA Animal and Plant Health Inspection Service Wildlife Services removed a beaver dam and beavers from this area. Nuisance wildlife management for this area will continue.

Work to be Performed During the Next Reporting Period (Second Quarter 2021)
The following activities are scheduled to be conducted during the second quarter of 2021 (April 1 through June 30, 2021). The proposed schedule is subject to change based on safe work practices, weather conditions, site access, availability of subcontractors, and other unforeseen delays. Field work notifications will be provided in accordance with the VCC and access agreements.

Proposed Date	RI Activity
April 2021	Request an amendment to the Environmental Right of Entry Agreement from CSXT to install and maintain surface water BMPs
Quarter 2-3, 2021	Install and maintain surface water BMPs
July 2021	RI Report Addendum submittal
Weekly	Boom inspection/maintenance
As needed	Beaver dam management (to be completed by a third party)
As needed	Data validation in accordance to Section 6 of the September 2018 QAPP
As needed	IDW disposal – periodically and upon completion of the field program

If you have any questions regarding this submittal, please contact me at 980.373.2663 or by email at Richard.Powell2@duke-energy.com.

Sincerely,

Richard E. Powell

Richard E. Powell, P.G.
Lead Environmental Specialist

cc: Kevin Boland, CSXT
Daniel Schmitt, Esq., CSXT
Ty Houck, Greenville County
William W. Brown, Legacy School Properties, LLC
Todd Plating, SynTerra
Matt Flinchum, SynTerra

Enclosures:

Figures

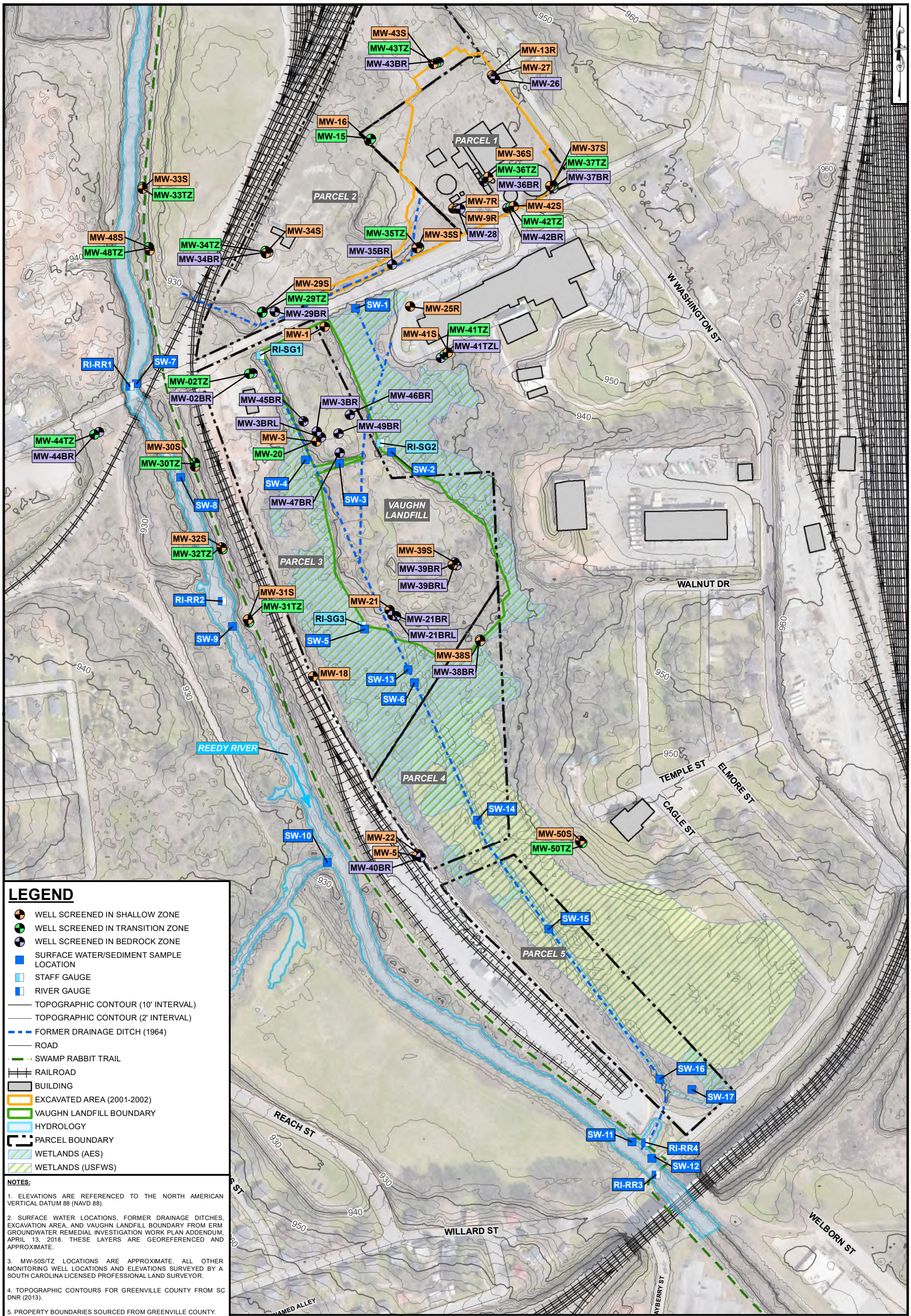
Figure 1 – Site Layout
Figure 2 – Former Stormwater Conveyance Ditch Assessment
Figure 3 – Parcel 2 Borings

Tables

Table 1 – Transducer Locations to Monitor Aquifer Performance Test

Attachment A – Analytical Laboratory Reports
Attachment B – Geophysical Logs
Attachment C – DHEC 1903 Forms and Boring Logs

FIGURES



LEGEND

- WELL SCREENED IN SHALLOW ZONE
- WELL SCREENED IN TRANSITION ZONE
- WELL SCREENED IN BEDROCK ZONE
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- STAFF GAUGE
- RIVER GAUGE
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- FORMER DRAINAGE DITCH (1964)
- ROAD
- SWAMP RABBIT TRAIL
- RAILROAD
- BUILDING
- EXCAVATED AREA (2001-2002)
- VAUGHN LANDFILL BOUNDARY
- HYDROLOGY
- PARCEL BOUNDARY
- WETLANDS (AES)
- WETLANDS (USFWS)

NOTES:

1. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

2. SURFACE WATER LOCATIONS, FORMER DRAINAGE DITCHES, EXCAVATION AREA, AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.

3. MW-50S/TZ LOCATIONS ARE APPROXIMATE. ALL OTHER MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.

4. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).

5. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.

6. WETLANDS (USFWS) BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY. WETLANDS (AES) DELINEATED BY APPLIED ENGINEERING AND SCIENCE, INC. IN 1999.

7. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.

8. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. INSET AERIAL OBTAINED OCTOBER 20, 2020. AERIAL WAS COLLECTED ON MARCH 12, 2018.

9. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

DUKE ENERGY CAROLINAS

synTerra

GRAPHIC SCALE
125 0 125 250
(IN FEET)

DRAWN BY: T. KING	DATE: 05/21/2019
REVISED BY: C. WYATT	DATE: 04/02/2021
CHECKED BY: L. DRAGO	DATE: 04/02/2021
APPROVED BY: L. DRAGO	DATE: 04/02/2021
PROJECT MANAGER: T. PLATING	

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FIGURE 1
SITE LAYOUT
QUARTERLY STATUS REPORT - FIRST QUARTER 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

EXCAVATION AREA (2001-2002)

PARCEL 1

PARCEL 2

PARCEL 3

VAUGHN LANDFILL

PARCEL 4

PARCEL 5

REEDY RIVER

DITCH 4

DITCH 5

DA4-SB-13
DA4-SB-12
DA4-SB-11
DA4-SB-11B
DA4-SB-11A
DA4-SB-10
DA4-SB-10B
DA4-SB-10A
DA4-SB-9
DA4-SB-8
DA4-SB-8A
DA4-SB-8B
DA4-SB-7
DA4-SB-7B
DA4-SB-7A
DA4-SB-6
DA4-SB-6B
DA4-SB-6A
DA4-SB-5
DA4-SB-5B
DA4-SB-5A
DA4-SB-4
DA4-SB-4B
DA4-SB-4A
DA4-SB-3
DA4-SB-3B
DA4-SB-3A
DA4-SB-2
DA4-SB-1
DA4-SB-1B
DA4-SB-1A

LEGEND

- SOIL BORING LOCATION
- DITCH ASSESSMENT DITCH
- FORMER DRAINAGE DITCH (1964)
- VAUGHN LANDFILL BOUNDARY
- EXCAVATED AREA (2001-2002)
- FORMER MGP STRUCTURAL OPERATIONS
- BUILDING
- HYDROLOGY
- WETLANDS (AES)
- WETLANDS (USFWS)
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- SWAMP RABBIT TRAIL
- ROAD
- RAILROAD

NOTES:

1. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
2. FORMER DRAINAGE DITCHES, EXCAVATION AREA, AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
3. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
4. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
5. WETLANDS BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY.
6. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
7. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
8. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

DUKE ENERGY CAROLINAS

synTerra

GRAPHIC SCALE
125 0 125 250
(IN FEET)

DRAWN BY: C. CURRIER	DATE: 10/28/2020
REVISED BY: C. ALMOND	DATE: 04/02/2021
CHECKED BY: L. DRAGO	DATE: 04/02/2021
APPROVED BY: T. PLATING	DATE: 04/02/2021
PROJECT MANAGER: T. PLATING	

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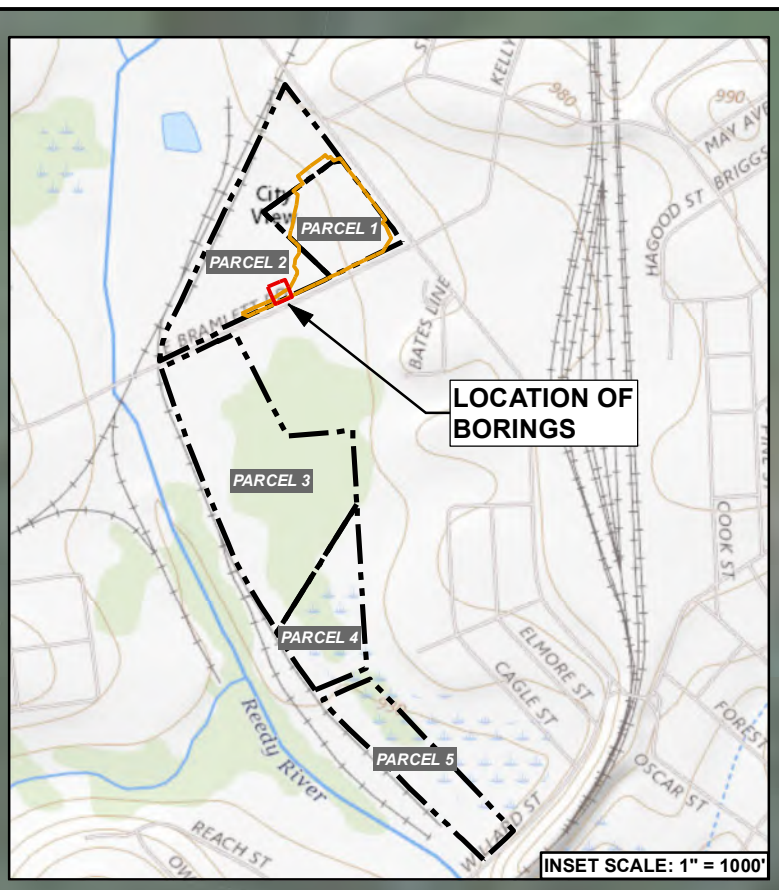
FIGURE 2
FORMER STORMWATER CONVEYANCE DITCH ASSESSMENT
QUARTERLY STATUS REPORT
FIRST QUARTER 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



PARCEL 2

RI-SB-31
RI-SB-30
RI-SB-23
RI-SB-15
RI-SB-29
RI-SB-22
RI-SB-14
RI-SB-32
RI-SB-21
RI-SB-16
RI-SB-13
RI-SB-24
SA-SB-46
RI-SB-28
RI-SB-20
RI-SB-17
RI-SB-18
RI-SB-25
RI-SB-36
RI-SB-19
RI-SB-26
RI-SB-33
RI-SB-27
RI-SB-34
RI-SB-35

LEGEND

- 20 FOOT SQUARE BUFFER
- 30 FOOT SQUARE BUFFER
- 40 FOOT SQUARE BUFFER
- SOIL BORING LOCATION
- EXCAVATED AREA (2001-2002)
- FORMER AND/OR CURRENT DRAINAGE DITCH (1964)
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- PARCEL BOUNDARY

NOTES:

1. SOIL BORING LOCATIONS ARE BASED ON GPS COORDINATES AND ARE APPROXIMATE.
2. SURFACE WATER LOCATIONS, FORMER DRAINAGE DITCHES, EXCAVATION AREA, AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND AREAPPROXIMATE.
3. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
4. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
5. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
6. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

DUKE ENERGY CAROLINAS

synTerra

GRAPHIC SCALE
10 0 10 20
(IN FEET)

DRAWN BY: B. MCGANN	DATE: 03/04/2021
REVISED BY: C. WYATT	DATE: 04/01/2021
CHECKED BY: L. DRAGO	DATE: 04/01/2021
APPROVED BY: T. PLATING	DATE: 04/01/2021
PROJECT MANAGER: T. PLATING	

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FIGURE 3
PARCEL 2 BORINGS
QUARTERLY STATUS REPORT - FIRST QUARTER 2021
FORMER BRAMLETTE ROAD MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

TABLES

TABLE 1
TRANSDUCER LOCATIONS TO MONITOR AQUIFER PERFORMANCE TEST
QUARTERLY PROGRESS REPORT - FIRST QUARTER 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Transducer Location	Distance From Pumping Well[1] (feet)	Direction From Pumping Well
MW-34S	537.31	NW
MW-34TZ	544.13	NW
MW-34BR	538.69	NW
MW-36S	822.49	NE
MW-36TZ	814.73	NE
MW-36BR	805.85	NE
MW-02BR	290.87	NW
MW-03	65.24	W
MW-03BR	60.91	W
MW-03BRL	49.48	W
MW-20	65.24	W
MW-39S	480.58	SE
MW-39BR	488.36	SE
MW-39BRL	488.36	SE
RI-SG1	306.54	NW
RI-SG2	118.22	E

Prepared by: LWD Checked by: JPC

Notes:

[1]Pumping well is located in the north central portion of Parcel 3 (MW-49BR).

ATTACHMENT A

ANALYTICAL LABORATORY REPORTS

[PROVIDED ELECTRONICALLY]

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

April 01, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 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,

Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

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

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92529550001	**SW-12_WS_20210323**	Water	03/23/21 09:05	03/24/21 11:17
92529550002	**SW-11_WS_20210323**	Water	03/23/21 09:20	03/24/21 11:17
92529550003	**SW-10_WS_20210323**	Water	03/23/21 09:45	03/24/21 11:17
92529550004	**SW-9_WS_20210323**	Water	03/23/21 10:05	03/24/21 11:17
92529550005	**SW-8_WS_20210323**	Water	03/23/21 10:25	03/24/21 11:17
92529550006	**SW-7_WS_20210323**	Water	03/23/21 10:35	03/24/21 11:17
92529550007	**SW-1_WS_20210323**	Water	03/23/21 10:50	03/24/21 11:17
92529550008	**SW-2_WS_20210323**	Water	03/23/21 11:05	03/24/21 11:17
92529550009	**SW-3_WS_20210323**	Water	03/23/21 11:15	03/24/21 11:17
92529550010	**SW-4_WS_20210323**	Water	03/23/21 13:10	03/24/21 11:17
92529550011	**SW-5_WS_20210323**	Water	03/23/21 13:30	03/24/21 11:17
92529550012	**SW-13_WS_20210323**	Water	03/23/21 13:45	03/24/21 11:17
92529550013	**SW-6_WS_20210323**	Water	03/23/21 14:00	03/24/21 11:17
92529550014	**SW-17_WS_20210323**	Water	03/23/21 14:25	03/24/21 11:17
92529550015	**SW-16_WS_20210323**	Water	03/23/21 14:40	03/24/21 11:17
92529550016	**SW-15_WS_20210323**	Water	03/23/21 14:55	03/24/21 11:17
92529550017	**SW-14_WS_20210323**	Water	03/23/21 15:10	03/24/21 11:17
92529550018	**FB-06_WS_20210323**	Water	03/23/21 15:30	03/24/21 11:17
92529550019	**TB-11_WS_20210323**	Water	03/23/21 00:00	03/24/21 11:17
92529550020	**TB-12_WS_20210323**	Water	03/23/21 00:00	03/24/21 11:17

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529550001	SW-12_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550002	SW-11_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550003	SW-10_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550004	SW-9_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550005	SW-8_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550006	SW-7_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550007	SW-1_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550008	SW-2_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550009	SW-3_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550010	SW-4_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550011	SW-5_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550012	SW-13_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550013	SW-6_WS_20210323	EPA 8270E	PKS	67	PASI-C

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550014	**SW-17_WS_20210323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550015	**SW-16_WS_20210323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550016	**SW-15_WS_20210323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550017	**SW-14_WS_20210323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550018	**FB-06_WS_20210323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550019	**TB-11_WS_20210323**	EPA 8260D	SAS	62	PASI-C
92529550020	**TB-12_WS_20210323**	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92529550007	**SW-1_WS_20210323**					
EPA 8260D	Naphthalene	0.87J	ug/L	1.0	03/25/21 17:51	
92529550011	**SW-5_WS_20210323**					
EPA 8270E	Pyrene	2.2J	ug/L	10.0	03/28/21 20:11	
EPA 8270E by SIM	Benzo(a)pyrene	0.58	ug/L	0.10	03/30/21 14:08	
92529550013	**SW-6_WS_20210323**					
EPA 8260D	Naphthalene	1.1	ug/L	1.0	03/25/21 19:37	

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 01, 2021

General Information:
18 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 609801

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.

- FB-06_WS_20210323 (Lab ID: 92529550018)
  - 2-Nitrophenol
- SW-14_WS_20210323 (Lab ID: 92529550017)
  - 2-Nitrophenol
- SW-15_WS_20210323 (Lab ID: 92529550016)
  - 2-Nitrophenol
- SW-16_WS_20210323 (Lab ID: 92529550015)
  - 2-Nitrophenol
- SW-17_WS_20210323 (Lab ID: 92529550014)
  - 2-Nitrophenol

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 01, 2021

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609801

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529550001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3211764)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol
- MSD (Lab ID: 3211765)
  - 2,4-Dinitrophenol
  - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3211765)
  - 1-Methylnaphthalene
  - 2,2'-Oxybis(1-chloropropane)
  - 2,4,5-Trichlorophenol
  - 2,4-Dimethylphenol
  - 2-Chloronaphthalene
  - 2-Methylnaphthalene
  - 2-Methylphenol(o-Cresol)
  - 3&4-Methylphenol(m&p Cresol)
  - 4-Chloroaniline
  - Acenaphthene
  - Acenaphthylene
  - Aniline
  - Benzyl alcohol
  - Dibenzofuran
  - Hexachlorocyclopentadiene
  - Hexachloroethane
  - Isophorone
  - N-Nitroso-di-n-propylamine
  - N-Nitrosodimethylamine
  - Nitrobenzene
  - bis(2-Chloroethoxy)methane
  - bis(2-Chloroethyl) ether

QC Batch: 610114

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529686001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3212858)
  - 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 01, 2021

QC Batch: 610114

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529686001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3212858)
  - 2,4,5-Trichlorophenol
  - 2,4,6-Trichlorophenol
  - 4,6-Dinitro-2-methylphenol
  - Pentachlorophenol

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 01, 2021

General Information:
18 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 609834

S0: Surrogate recovery outside laboratory control limits.

- SW-17_WS_20210323 (Lab ID: 92529550014)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 01, 2021

General Information:
20 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 609283

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3209199)
  - Vinyl acetate
- FB-06_WS_20210323 (Lab ID: 92529550018)
  - Vinyl acetate
- LCS (Lab ID: 3209200)
  - Vinyl acetate
- SW-11_WS_20210323 (Lab ID: 92529550002)
  - Vinyl acetate
- SW-12_WS_20210323 (Lab ID: 92529550001)
  - Vinyl acetate
- SW-13_WS_20210323 (Lab ID: 92529550012)
  - Vinyl acetate
- SW-14_WS_20210323 (Lab ID: 92529550017)
  - Vinyl acetate
- SW-15_WS_20210323 (Lab ID: 92529550016)
  - Vinyl acetate
- SW-16_WS_20210323 (Lab ID: 92529550015)
  - Vinyl acetate
- SW-17_WS_20210323 (Lab ID: 92529550014)
  - Vinyl acetate
- SW-1_WS_20210323 (Lab ID: 92529550007)
  - Vinyl acetate
- SW-2_WS_20210323 (Lab ID: 92529550008)
  - Vinyl acetate
- SW-3_WS_20210323 (Lab ID: 92529550009)
  - Vinyl acetate
- SW-4_WS_20210323 (Lab ID: 92529550010)
  - Vinyl acetate
- SW-5_WS_20210323 (Lab ID: 92529550011)
  - Vinyl acetate
- SW-6_WS_20210323 (Lab ID: 92529550013)
  - Vinyl acetate

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 01, 2021

QC Batch: 609283

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- SW-7_WS_20210323 (Lab ID: 92529550006)
  - Vinyl acetate
- SW-8_WS_20210323 (Lab ID: 92529550005)
  - Vinyl acetate
- SW-9_WS_20210323 (Lab ID: 92529550004)
  - Vinyl acetate
- TB-11_WS_20210323 (Lab ID: 92529550019)
  - Vinyl acetate
- TB-12_WS_20210323 (Lab ID: 92529550020)
  - Vinyl acetate

QC Batch: 609286

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- MS (Lab ID: 3209216)
  - Vinyl acetate
- MSD (Lab ID: 3209217)
  - Vinyl acetate

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 609286

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.

- MS (Lab ID: 3209216)
  - 2-Hexanone
  - Acetone
- MSD (Lab ID: 3209217)
  - 2-Hexanone
  - Acetone

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.

- BLANK (Lab ID: 3209214)
  - Diisopropyl ether
  - Methylene Chloride
- SW-10_WS_20210323 (Lab ID: 92529550003)
  - Diisopropyl ether
  - Methylene Chloride

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3209215)
  - Diisopropyl ether
  - Methylene Chloride

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 01, 2021

QC Batch: 609286

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3209216)
  - Bromomethane
- MSD (Lab ID: 3209217)
  - Bromomethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609283

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529550002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3209201)
  - 2-Butanone (MEK)
  - Vinyl acetate

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-12_WS_20210323 **Lab ID: 92529550001** Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	83-32-9	R1
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	208-96-8	R1
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 15:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 15:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 15:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 15:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 15:06	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 15:06	65-85-0	M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 15:06	100-51-6	R1
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 15:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 15:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 15:06	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 15:06	106-47-8	R1
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 15:06	111-91-1	R1
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	111-44-4	R1
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	91-58-7	R1
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 15:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 15:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 15:06	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 15:06	132-64-9	R1
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 15:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	105-67-9	R1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 15:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 15:06	534-52-1	M1
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 15:06	51-28-5	M1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 15:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 15:06	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 15:06	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	77-47-4	R1
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	67-72-1	R1
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 15:06	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	78-59-1	R1
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	90-12-0	R1
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	91-57-6	R1
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	95-48-7	R1
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 15:06	15831-10-4	R1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-12_WS_20210323 **Lab ID: 92529550001** Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 15:06	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 15:06	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 15:06	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	98-95-3	R1
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 15:06	100-02-7	M1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	62-75-9	R1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 15:06	621-64-7	R1
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 15:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 15:06	108-60-1	R1
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 15:06	87-86-5	M1
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	95-95-4	R1
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	108	%	10-144		1	03/27/21 16:46	03/28/21 15:06	4165-60-0	
2-Fluorobiphenyl (S)	102	%	10-130		1	03/27/21 16:46	03/28/21 15:06	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	03/27/21 16:46	03/28/21 15:06	1718-51-0	
Phenol-d6 (S)	62	%	10-130		1	03/27/21 16:46	03/28/21 15:06	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	03/27/21 16:46	03/28/21 15:06	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/27/21 16:46	03/28/21 15:06	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 10:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	67-170		1	03/28/21 15:16	03/29/21 10:40	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-163		1	03/28/21 15:16	03/29/21 10:40	321-60-8	
Terphenyl-d14 (S)	101	%	62-169		1	03/28/21 15:16	03/29/21 10:40	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 21:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 21:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 21:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 21:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 21:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 21:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 21:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 21:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 21:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 21:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-12_WS_20210323 **Lab ID: 92529550001** Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 21:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 21:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 21:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 21:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 21:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 21:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 21:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 21:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 21:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 21:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 21:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 21:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 21:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 21:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 21:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 21:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 21:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 21:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 21:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 21:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 21:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 21:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 21:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 21:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 21:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 21:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 21:04	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 21:04	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-12_WS_20210323 **Lab ID: 92529550001** Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 21:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 21:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		03/25/21 21:04	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/25/21 21:04	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/25/21 21:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID: 92529550002** Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 16:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 16:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 16:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 16:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 16:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 16:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 16:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 16:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 16:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 16:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 16:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 16:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 16:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 16:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 16:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 16:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 16:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 16:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 16:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 16:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 16:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 16:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 16:22	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 16:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 16:22	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID: 92529550002** Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 16:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 16:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 16:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 16:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 16:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 16:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 16:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 16:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-144		1	03/27/21 16:46	03/28/21 16:22	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/27/21 16:46	03/28/21 16:22	321-60-8	
Terphenyl-d14 (S)	92	%	34-163		1	03/27/21 16:46	03/28/21 16:22	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	03/27/21 16:46	03/28/21 16:22	13127-88-3	
2-Fluorophenol (S)	29	%	10-130		1	03/27/21 16:46	03/28/21 16:22	367-12-4	
2,4,6-Tribromophenol (S)	28	%	10-144		1	03/27/21 16:46	03/28/21 16:22	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 11:23	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	67-170		1	03/28/21 15:16	03/29/21 11:23	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/28/21 15:16	03/29/21 11:23	321-60-8	
Terphenyl-d14 (S)	108	%	62-169		1	03/28/21 15:16	03/29/21 11:23	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 21:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 21:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 21:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 21:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 21:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 21:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 21:21	78-93-3	M1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 21:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 21:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 21:21	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID: 92529550002** Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 21:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 21:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 21:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 21:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 21:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 21:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 21:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 21:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 21:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 21:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 21:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 21:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 21:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 21:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 21:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 21:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 21:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 21:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 21:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 21:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 21:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 21:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 21:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 21:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 21:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 21:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 21:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 21:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 21:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 21:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 21:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 21:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 21:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 21:21	108-05-4	IK,M1
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 21:21	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID: 92529550002** Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 21:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 21:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 21:21	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 21:21	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 21:21	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-10_WS_20210323 **Lab ID: 92529550003** Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/30/21 10:51	03/31/21 09:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/30/21 10:51	03/31/21 09:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/30/21 10:51	03/31/21 09:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/30/21 10:51	03/31/21 09:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/30/21 10:51	03/31/21 09:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/30/21 10:51	03/31/21 09:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/30/21 10:51	03/31/21 09:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/30/21 10:51	03/31/21 09:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/30/21 10:51	03/31/21 09:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/30/21 10:51	03/31/21 09:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/30/21 10:51	03/31/21 09:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/30/21 10:51	03/31/21 09:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/30/21 10:51	03/31/21 09:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-10_WS_20210323 **Lab ID: 92529550003** Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/30/21 10:51	03/31/21 09:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/30/21 10:51	03/31/21 09:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/30/21 10:51	03/31/21 09:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/30/21 10:51	03/31/21 09:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	94	%	10-144		1	03/30/21 10:51	03/31/21 09:08	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	03/30/21 10:51	03/31/21 09:08	321-60-8	
Terphenyl-d14 (S)	132	%	34-163		1	03/30/21 10:51	03/31/21 09:08	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/30/21 10:51	03/31/21 09:08	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/30/21 10:51	03/31/21 09:08	367-12-4	
2,4,6-Tribromophenol (S)	101	%	10-144		1	03/30/21 10:51	03/31/21 09:08	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 12:28	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	67-170		1	03/28/21 15:16	03/29/21 12:28	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	03/28/21 15:16	03/29/21 12:28	321-60-8	
Terphenyl-d14 (S)	108	%	62-169		1	03/28/21 15:16	03/29/21 12:28	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/26/21 14:36	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/21 14:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/21 14:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/21 14:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/21 14:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/21 14:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/21 14:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/21 14:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/21 14:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/21 14:36	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-10_WS_20210323 **Lab ID: 92529550003** Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/26/21 14:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/21 14:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/21 14:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/21 14:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/21 14:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/21 14:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/21 14:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/21 14:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/21 14:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/21 14:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/21 14:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/21 14:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/21 14:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/21 14:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/21 14:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/21 14:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/21 14:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/21 14:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/21 14:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/21 14:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/21 14:36	108-20-3	v2
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/21 14:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/21 14:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/21 14:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/21 14:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/21 14:36	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/21 14:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/21 14:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/21 14:36	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/21 14:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/21 14:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/21 14:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/21 14:36	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/21 14:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/21 14:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/21 14:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/21 14:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/21 14:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/21 14:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/21 14:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/21 14:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/21 14:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/21 14:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-10_WS_20210323 **Lab ID: 92529550003** Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/26/21 14:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/21 14:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		03/26/21 14:36	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/26/21 14:36	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/26/21 14:36	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID: 92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/30/21 10:51	03/31/21 09:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/30/21 10:51	03/31/21 09:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:34	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/30/21 10:51	03/31/21 09:34	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/30/21 10:51	03/31/21 09:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/30/21 10:51	03/31/21 09:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/30/21 10:51	03/31/21 09:34	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/30/21 10:51	03/31/21 09:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:34	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/30/21 10:51	03/31/21 09:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/30/21 10:51	03/31/21 09:34	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/30/21 10:51	03/31/21 09:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/30/21 10:51	03/31/21 09:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/30/21 10:51	03/31/21 09:34	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:34	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/30/21 10:51	03/31/21 09:34	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:34	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID: 92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/30/21 10:51	03/31/21 09:34	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/30/21 10:51	03/31/21 09:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/30/21 10:51	03/31/21 09:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/30/21 10:51	03/31/21 09:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:34	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:34	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-144		1	03/30/21 10:51	03/31/21 09:34	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/30/21 10:51	03/31/21 09:34	321-60-8	
Terphenyl-d14 (S)	128	%	34-163		1	03/30/21 10:51	03/31/21 09:34	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/30/21 10:51	03/31/21 09:34	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/30/21 10:51	03/31/21 09:34	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	03/30/21 10:51	03/31/21 09:34	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 12:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	67-170		1	03/28/21 15:16	03/29/21 12:50	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-163		1	03/28/21 15:16	03/29/21 12:50	321-60-8	
Terphenyl-d14 (S)	102	%	62-169		1	03/28/21 15:16	03/29/21 12:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:59	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:59	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID: 92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:59	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:59	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:59	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID: 92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		1		03/25/21 16:59	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 16:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-8_WS_20210323 **Lab ID: 92529550005** Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 17:39	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 17:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 17:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 17:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 17:39	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 17:39	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 17:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 17:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 17:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 17:39	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 17:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 17:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 17:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 17:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 17:39	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 17:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 17:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 17:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 17:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 17:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 17:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 17:39	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 17:39	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 17:39	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 17:39	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-8_WS_20210323 **Lab ID: 92529550005** Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 17:39	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 17:39	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 17:39	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 17:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 17:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 17:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 17:39	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 17:39	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	10-144		1	03/27/21 16:46	03/28/21 17:39	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	03/27/21 16:46	03/28/21 17:39	321-60-8	
Terphenyl-d14 (S)	75	%	34-163		1	03/27/21 16:46	03/28/21 17:39	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	03/27/21 16:46	03/28/21 17:39	13127-88-3	
2-Fluorophenol (S)	21	%	10-130		1	03/27/21 16:46	03/28/21 17:39	367-12-4	
2,4,6-Tribromophenol (S)	47	%	10-144		1	03/27/21 16:46	03/28/21 17:39	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 13:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	67-170		1	03/28/21 15:16	03/29/21 13:11	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	03/28/21 15:16	03/29/21 13:11	321-60-8	
Terphenyl-d14 (S)	105	%	62-169		1	03/28/21 15:16	03/29/21 13:11	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 17:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 17:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 17:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 17:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 17:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 17:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 17:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 17:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 17:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 17:16	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-8_WS_20210323 **Lab ID: 92529550005** Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 17:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 17:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 17:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 17:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 17:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 17:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 17:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 17:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 17:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 17:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 17:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 17:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 17:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 17:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 17:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 17:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 17:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 17:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 17:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 17:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 17:16	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 17:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 17:16	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 17:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 17:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 17:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 17:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 17:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 17:16	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 17:16	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-8_WS_20210323 **Lab ID: 92529550005** Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 17:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 17:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		03/25/21 17:16	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/21 17:16	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-7_WS_20210323 **Lab ID: 92529550006** Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 18:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:04	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 18:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:04	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 18:04	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 18:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:04	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 18:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 18:04	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 18:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:04	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 18:04	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:04	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 18:04	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 18:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 18:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 18:04	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:04	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 18:04	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:04	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-7_WS_20210323 **Lab ID: 92529550006** Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 18:04	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:04	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 18:04	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 18:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 18:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:04	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:04	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	106	%	10-144		1	03/27/21 16:46	03/28/21 18:04	4165-60-0	
2-Fluorobiphenyl (S)	99	%	10-130		1	03/27/21 16:46	03/28/21 18:04	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	03/27/21 16:46	03/28/21 18:04	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/27/21 16:46	03/28/21 18:04	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	03/27/21 16:46	03/28/21 18:04	367-12-4	
2,4,6-Tribromophenol (S)	60	%	10-144		1	03/27/21 16:46	03/28/21 18:04	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 13:33	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	67-170		1	03/28/21 15:16	03/29/21 13:33	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/28/21 15:16	03/29/21 13:33	321-60-8	
Terphenyl-d14 (S)	100	%	62-169		1	03/28/21 15:16	03/29/21 13:33	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 17:34	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 17:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 17:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 17:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 17:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 17:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 17:34	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 17:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 17:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 17:34	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-7_WS_20210323 **Lab ID: 92529550006** Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 17:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 17:34	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 17:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 17:34	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 17:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 17:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 17:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 17:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 17:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 17:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 17:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 17:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 17:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 17:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 17:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 17:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 17:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 17:34	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 17:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 17:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 17:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 17:34	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 17:34	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 17:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 17:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 17:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 17:34	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 17:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 17:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 17:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 17:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 17:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 17:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 17:34	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 17:34	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-7_WS_20210323 **Lab ID: 92529550006** Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 17:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 17:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 17:34	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		03/25/21 17:34	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 17:34	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID: 92529550007** Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 18:29	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:29	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 18:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:29	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 18:29	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 18:29	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:29	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 18:29	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 18:29	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 18:29	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:29	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:29	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:29	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:29	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 18:29	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:29	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 18:29	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 18:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 18:29	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 18:29	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:29	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 18:29	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:29	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID: 92529550007** Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 18:29	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:29	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 18:29	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 18:29	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 18:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:29	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:29	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:29	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	100	%	10-144		1	03/27/21 16:46	03/28/21 18:29	4165-60-0	
2-Fluorobiphenyl (S)	88	%	10-130		1	03/27/21 16:46	03/28/21 18:29	321-60-8	
Terphenyl-d14 (S)	102	%	34-163		1	03/27/21 16:46	03/28/21 18:29	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 18:29	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 18:29	367-12-4	
2,4,6-Tribromophenol (S)	101	%	10-144		1	03/27/21 16:46	03/28/21 18:29	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 13:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	03/28/21 15:16	03/29/21 13:55	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/28/21 15:16	03/29/21 13:55	321-60-8	
Terphenyl-d14 (S)	102	%	62-169		1	03/28/21 15:16	03/29/21 13:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 17:51	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 17:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 17:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 17:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 17:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 17:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 17:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 17:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 17:51	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID: 92529550007** Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 17:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 17:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 17:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 17:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 17:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 17:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 17:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 17:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 17:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 17:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 17:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 17:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 17:51	1634-04-4	
Naphthalene	**0.87J**	ug/L	1.0	0.64	1		03/25/21 17:51	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 17:51	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 17:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 17:51	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 17:51	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID: 92529550007** Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 17:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 17:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/25/21 17:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/25/21 17:51	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		03/25/21 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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-2_WS_20210323 **Lab ID: 92529550008** Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 18:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 18:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 18:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 18:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 18:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 18:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 18:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 18:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 18:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 18:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 18:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 18:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 18:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-2_WS_20210323 **Lab ID: 92529550008** Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 18:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 18:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 18:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 18:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	03/27/21 16:46	03/28/21 18:55	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/27/21 16:46	03/28/21 18:55	321-60-8	
Terphenyl-d14 (S)	97	%	34-163		1	03/27/21 16:46	03/28/21 18:55	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/27/21 16:46	03/28/21 18:55	13127-88-3	
2-Fluorophenol (S)	27	%	10-130		1	03/27/21 16:46	03/28/21 18:55	367-12-4	
2,4,6-Tribromophenol (S)	25	%	10-144		1	03/27/21 16:46	03/28/21 18:55	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 14:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	67-170		1	03/28/21 15:16	03/29/21 14:16	4165-60-0	
2-Fluorobiphenyl (S)	105	%	61-163		1	03/28/21 15:16	03/29/21 14:16	321-60-8	
Terphenyl-d14 (S)	91	%	62-169		1	03/28/21 15:16	03/29/21 14:16	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 18:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 18:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 18:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 18:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 18:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 18:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 18:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 18:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 18:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 18:09	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-2_WS_20210323 **Lab ID: 92529550008** Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 18:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 18:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 18:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 18:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 18:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 18:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 18:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 18:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 18:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 18:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 18:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 18:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 18:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 18:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 18:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 18:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 18:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 18:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 18:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 18:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 18:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 18:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 18:09	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 18:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 18:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 18:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 18:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 18:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 18:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 18:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 18:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 18:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 18:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 18:09	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 18:09	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-2_WS_20210323 **Lab ID: 92529550008** Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 18:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 18:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/25/21 18:09	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		03/25/21 18:09	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 18:09	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-3_WS_20210323 **Lab ID: 92529550009** Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 19:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 19:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 19:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 19:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 19:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 19:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 19:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 19:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 19:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 19:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 19:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 19:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 19:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:20	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-3_WS_20210323 **Lab ID: 92529550009** Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 19:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 19:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 19:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 19:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/27/21 16:46	03/28/21 19:20	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/27/21 16:46	03/28/21 19:20	321-60-8	
Terphenyl-d14 (S)	93	%	34-163		1	03/27/21 16:46	03/28/21 19:20	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/27/21 16:46	03/28/21 19:20	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 19:20	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-144		1	03/27/21 16:46	03/28/21 19:20	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 14:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	67-170		1	03/28/21 15:16	03/29/21 14:38	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/28/21 15:16	03/29/21 14:38	321-60-8	
Terphenyl-d14 (S)	84	%	62-169		1	03/28/21 15:16	03/29/21 14:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 18:26	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 18:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 18:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 18:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 18:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 18:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 18:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 18:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 18:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 18:26	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-3_WS_20210323 **Lab ID: 92529550009** Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 18:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 18:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 18:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 18:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 18:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 18:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 18:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 18:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 18:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 18:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 18:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 18:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 18:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 18:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 18:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 18:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 18:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 18:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 18:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 18:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 18:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 18:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 18:26	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 18:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 18:26	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 18:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 18:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 18:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 18:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 18:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 18:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 18:26	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 18:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-3_WS_20210323 **Lab ID: 92529550009** Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 18:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 18:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/25/21 18:26	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/25/21 18:26	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 18:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-4_WS_20210323 **Lab ID: 92529550010** Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 19:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 19:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 19:46	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 19:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 19:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 19:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 19:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:46	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 19:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 19:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 19:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 19:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 19:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:46	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 19:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:46	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-4_WS_20210323 **Lab ID: 92529550010** Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 19:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 19:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 19:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 19:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:46	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	113	%	10-144		1	03/27/21 16:46	03/28/21 19:46	4165-60-0	
2-Fluorobiphenyl (S)	102	%	10-130		1	03/27/21 16:46	03/28/21 19:46	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	03/27/21 16:46	03/28/21 19:46	1718-51-0	
Phenol-d6 (S)	61	%	10-130		1	03/27/21 16:46	03/28/21 19:46	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/27/21 16:46	03/28/21 19:46	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-144		1	03/27/21 16:46	03/28/21 19:46	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 15:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	67-170		1	03/28/21 15:16	03/29/21 15:00	4165-60-0	
2-Fluorobiphenyl (S)	107	%	61-163		1	03/28/21 15:16	03/29/21 15:00	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/28/21 15:16	03/29/21 15:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 18:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 18:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 18:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 18:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 18:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 18:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 18:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 18:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 18:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 18:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-4_WS_20210323 **Lab ID: 92529550010** Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 18:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 18:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 18:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 18:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 18:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 18:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 18:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 18:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 18:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 18:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 18:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 18:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 18:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 18:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 18:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 18:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 18:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 18:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 18:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 18:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 18:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 18:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 18:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 18:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 18:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 18:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 18:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 18:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 18:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 18:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 18:44	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 18:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-4_WS_20210323 **Lab ID: 92529550010** Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 18:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 18:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 18:44	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		03/25/21 18:44	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/25/21 18:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID: 92529550011** Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 20:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 20:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:11	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 20:11	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 20:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 20:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 20:11	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 20:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:11	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 20:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 20:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 20:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 20:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 20:11	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:11	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 20:11	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:11	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID: 92529550011** Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 20:11	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:11	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 20:11	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 20:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 20:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:11	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:11	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	108-95-2	
Pyrene	**2.2J**	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-144		1	03/27/21 16:46	03/28/21 20:11	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/27/21 16:46	03/28/21 20:11	321-60-8	
Terphenyl-d14 (S)	69	%	34-163		1	03/27/21 16:46	03/28/21 20:11	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	03/27/21 16:46	03/28/21 20:11	13127-88-3	
2-Fluorophenol (S)	13	%	10-130		1	03/27/21 16:46	03/28/21 20:11	367-12-4	
2,4,6-Tribromophenol (S)	20	%	10-144		1	03/27/21 16:46	03/28/21 20:11	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**0.58**	ug/L	0.10	0.043	1	03/30/21 11:59	03/30/21 14:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	67-170		1	03/30/21 11:59	03/30/21 14:08	4165-60-0	
2-Fluorobiphenyl (S)	137	%	61-163		1	03/30/21 11:59	03/30/21 14:08	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/30/21 11:59	03/30/21 14:08	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:01	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:01	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID: 92529550011** Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 19:01	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:01	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:01	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:01	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID: 92529550011** Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/25/21 19:01	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		03/25/21 19:01	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/25/21 19:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID: 92529550012** Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 20:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 20:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:37	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 20:37	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 20:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 20:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 20:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 20:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 20:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 20:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 20:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 20:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 20:37	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 20:37	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:37	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID: 92529550012** Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 20:37	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 20:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 20:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 20:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:37	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:37	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	03/27/21 16:46	03/28/21 20:37	4165-60-0	
2-Fluorobiphenyl (S)	90	%	10-130		1	03/27/21 16:46	03/28/21 20:37	321-60-8	
Terphenyl-d14 (S)	101	%	34-163		1	03/27/21 16:46	03/28/21 20:37	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 20:37	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/27/21 16:46	03/28/21 20:37	367-12-4	
2,4,6-Tribromophenol (S)	112	%	10-144		1	03/27/21 16:46	03/28/21 20:37	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 15:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	67-170		1	03/28/21 15:16	03/29/21 15:43	4165-60-0	
2-Fluorobiphenyl (S)	108	%	61-163		1	03/28/21 15:16	03/29/21 15:43	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/28/21 15:16	03/29/21 15:43	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID: 92529550012** Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 19:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:19	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:19	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID: 92529550012** Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/25/21 19:19	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		03/25/21 19:19	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/21 19:19	2037-26-5	

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID: 92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 21:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 21:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 21:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 21:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 21:03	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 21:03	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 21:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 21:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 21:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 21:03	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 21:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 21:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 21:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 21:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 21:03	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 21:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 21:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 21:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 21:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 21:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 21:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 21:03	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 21:03	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 21:03	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 21:03	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID: 92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 21:03	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 21:03	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 21:03	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 21:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 21:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 21:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 21:03	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 21:03	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-144		1	03/27/21 16:46	03/28/21 21:03	4165-60-0	
2-Fluorobiphenyl (S)	61	%	10-130		1	03/27/21 16:46	03/28/21 21:03	321-60-8	
Terphenyl-d14 (S)	86	%	34-163		1	03/27/21 16:46	03/28/21 21:03	1718-51-0	
Phenol-d6 (S)	34	%	10-130		1	03/27/21 16:46	03/28/21 21:03	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	03/27/21 16:46	03/28/21 21:03	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-144		1	03/27/21 16:46	03/28/21 21:03	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 16:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	67-170		1	03/28/21 15:16	03/29/21 16:04	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/28/21 15:16	03/29/21 16:04	321-60-8	
Terphenyl-d14 (S)	89	%	62-169		1	03/28/21 15:16	03/29/21 16:04	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID: 92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:37	1634-04-4	
Naphthalene	**1.1**	ug/L	1.0	0.64	1		03/25/21 19:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:37	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID: 92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 19:37	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/25/21 19:37	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/21 19:37	2037-26-5	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID: 92529550014** Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 10:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 10:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 10:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 10:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 10:47	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 10:47	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 10:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 10:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 10:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 10:47	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 10:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 10:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 10:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 10:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 10:47	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 10:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 10:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 10:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 10:47	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 10:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 10:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 10:47	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 10:47	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 10:47	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 10:47	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID: 92529550014** Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 10:47	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 10:47	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 10:47	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 10:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 10:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 10:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 10:47	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 10:47	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	114	%	10-144		1	03/27/21 16:46	03/28/21 10:47	4165-60-0	
2-Fluorobiphenyl (S)	95	%	10-130		1	03/27/21 16:46	03/28/21 10:47	321-60-8	
Terphenyl-d14 (S)	104	%	34-163		1	03/27/21 16:46	03/28/21 10:47	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/27/21 16:46	03/28/21 10:47	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/27/21 16:46	03/28/21 10:47	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/27/21 16:46	03/28/21 10:47	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 16:26	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	77	%	67-170		1	03/28/21 15:16	03/29/21 16:26	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-163		1	03/28/21 15:16	03/29/21 16:26	321-60-8	
Terphenyl-d14 (S)	54	%	62-169		1	03/28/21 15:16	03/29/21 16:26	1718-51-0	S0
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:54	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:54	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID: 92529550014** Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 19:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:54	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:54	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID: 92529550014** Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 19:54	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 19:54	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		03/25/21 19:54	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID: 92529550015** Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 11:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:16	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 11:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:16	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 11:16	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 11:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 11:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 11:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 11:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:16	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:16	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 11:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 11:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 11:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 11:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 11:16	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:16	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 11:16	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:16	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID: 92529550015** Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 11:16	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:16	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 11:16	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 11:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 11:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:16	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:16	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/27/21 16:46	03/28/21 11:16	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/27/21 16:46	03/28/21 11:16	321-60-8	
Terphenyl-d14 (S)	95	%	34-163		1	03/27/21 16:46	03/28/21 11:16	1718-51-0	
Phenol-d6 (S)	43	%	10-130		1	03/27/21 16:46	03/28/21 11:16	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	03/27/21 16:46	03/28/21 11:16	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	03/27/21 16:46	03/28/21 11:16	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 16:48	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/28/21 15:16	03/29/21 16:48	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-163		1	03/28/21 15:16	03/29/21 16:48	321-60-8	
Terphenyl-d14 (S)	85	%	62-169		1	03/28/21 15:16	03/29/21 16:48	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 20:11	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 20:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 20:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 20:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 20:11	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 20:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 20:11	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 20:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 20:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 20:11	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID: 92529550015** Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 20:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 20:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 20:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 20:11	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 20:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 20:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 20:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 20:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 20:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 20:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 20:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 20:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 20:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 20:11	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 20:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 20:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 20:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 20:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 20:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 20:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 20:11	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 20:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 20:11	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 20:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 20:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 20:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 20:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 20:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 20:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 20:11	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 20:11	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID: 92529550015** Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 20:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 20:11	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/25/21 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	84	%	70-130		1		03/25/21 20:11	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 20:11	2037-26-5	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-15_WS_20210323 **Lab ID: 92529550016** Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 11:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 11:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 11:45	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 11:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 11:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 11:45	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 11:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 11:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 11:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 11:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 11:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 11:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:45	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 11:45	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:45	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-15_WS_20210323 **Lab ID: 92529550016** Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 11:45	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:45	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 11:45	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 11:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 11:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:45	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-144		1	03/27/21 16:46	03/28/21 11:45	4165-60-0	
2-Fluorobiphenyl (S)	63	%	10-130		1	03/27/21 16:46	03/28/21 11:45	321-60-8	
Terphenyl-d14 (S)	99	%	34-163		1	03/27/21 16:46	03/28/21 11:45	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	03/27/21 16:46	03/28/21 11:45	13127-88-3	
2-Fluorophenol (S)	13	%	10-130		1	03/27/21 16:46	03/28/21 11:45	367-12-4	
2,4,6-Tribromophenol (S)	46	%	10-144		1	03/27/21 16:46	03/28/21 11:45	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 17:09	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	82	%	67-170		1	03/28/21 15:16	03/29/21 17:09	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-163		1	03/28/21 15:16	03/29/21 17:09	321-60-8	
Terphenyl-d14 (S)	90	%	62-169		1	03/28/21 15:16	03/29/21 17:09	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 20:29	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 20:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 20:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 20:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 20:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 20:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 20:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 20:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 20:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 20:29	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-15_WS_20210323 **Lab ID: 92529550016** Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 20:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 20:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 20:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 20:29	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 20:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 20:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 20:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 20:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 20:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 20:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 20:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 20:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 20:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 20:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 20:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 20:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 20:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 20:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 20:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 20:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 20:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 20:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 20:29	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 20:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 20:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 20:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 20:29	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 20:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 20:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 20:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 20:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 20:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 20:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 20:29	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 20:29	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-15_WS_20210323 **Lab ID: 92529550016** Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 20:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 20:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 20:29	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 20:29	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 20:29	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-14_WS_20210323 **Lab ID: 92529550017** Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 12:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 12:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:14	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 12:14	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 12:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 12:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 12:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 12:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 12:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 12:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 12:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 12:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 12:14	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:14	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 12:14	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:14	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-14_WS_20210323 **Lab ID: 92529550017** Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 12:14	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:14	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 12:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 12:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 12:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:14	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:14	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	03/27/21 16:46	03/28/21 12:14	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/27/21 16:46	03/28/21 12:14	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	03/27/21 16:46	03/28/21 12:14	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/27/21 16:46	03/28/21 12:14	13127-88-3	
2-Fluorophenol (S)	20	%	10-130		1	03/27/21 16:46	03/28/21 12:14	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-144		1	03/27/21 16:46	03/28/21 12:14	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 17:31	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	93	%	67-170		1	03/28/21 15:16	03/29/21 17:31	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/28/21 15:16	03/29/21 17:31	321-60-8	
Terphenyl-d14 (S)	88	%	62-169		1	03/28/21 15:16	03/29/21 17:31	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 20:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 20:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 20:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 20:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 20:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 20:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 20:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 20:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 20:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 20:46	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-14_WS_20210323 **Lab ID: 92529550017** Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 20:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 20:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 20:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 20:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 20:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 20:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 20:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 20:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 20:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 20:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 20:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 20:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 20:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 20:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 20:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 20:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 20:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 20:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 20:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 20:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 20:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 20:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 20:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 20:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 20:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 20:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 20:46	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 20:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 20:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 20:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 20:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 20:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 20:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 20:46	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 20:46	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-14_WS_20210323 **Lab ID: 92529550017** Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 20:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 20:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/25/21 20:46	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/25/21 20:46	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 20:46	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: FB-06_WS_20210323 **Lab ID: 92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 12:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 12:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 12:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 12:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 12:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 12:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 12:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 12:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 12:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 12:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 12:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 12:43	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 12:43	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:43	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: FB-06_WS_20210323 **Lab ID: 92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 12:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 12:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 12:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 12:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:43	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	106	%	10-144		1	03/27/21 16:46	03/28/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/27/21 16:46	03/28/21 12:43	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	03/27/21 16:46	03/28/21 12:43	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/27/21 16:46	03/28/21 12:43	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/27/21 16:46	03/28/21 12:43	367-12-4	
2,4,6-Tribromophenol (S)	119	%	10-144		1	03/27/21 16:46	03/28/21 12:43	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 17:53	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	76	%	67-170		1	03/28/21 15:16	03/29/21 17:53	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-163		1	03/28/21 15:16	03/29/21 17:53	321-60-8	
Terphenyl-d14 (S)	87	%	62-169		1	03/28/21 15:16	03/29/21 17:53	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:07	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:07	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: FB-06_WS_20210323 **Lab ID: 92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:07	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:07	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:07	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: FB-06_WS_20210323 **Lab ID: 92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		03/25/21 16:07	460-00-4	
1,2-Dichloroethane-d4 (S)	82	%	70-130		1		03/25/21 16:07	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		03/25/21 16:07	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: TB-11_WS_20210323 **Lab ID: 92529550019** Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:24	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:24	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:24	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:24	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:24	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:24	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:24	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:24	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:24	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:24	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: TB-11_WS_20210323 **Lab ID: 92529550019** Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:24	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:24	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:24	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/25/21 16:24	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/25/21 16:24	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 16:24	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: TB-12_WS_20210323 **Lab ID: 92529550020** Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:42	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:42	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:42	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: TB-12_WS_20210323 **Lab ID: 92529550020** Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:42	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:42	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:42	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 16:42	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 16:42	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/25/21 16:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609283
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529550001, 92529550002, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018, 92529550019, 92529550020

METHOD BLANK: 3209199
Matrix: Water
Associated Lab Samples: 92529550001, 92529550002, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018, 92529550019, 92529550020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/25/21 15:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/25/21 15:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/25/21 15:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/25/21 15:31	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/25/21 15:31	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/25/21 15:31	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/25/21 15:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/25/21 15:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/25/21 15:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/25/21 15:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/25/21 15:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/25/21 15:31	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/25/21 15:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/25/21 15:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/25/21 15:31	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/25/21 15:31	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/25/21 15:31	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/21 15:31	
2-Hexanone	ug/L	ND	5.0	0.48	03/25/21 15:31	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/21 15:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/25/21 15:31	
Acetone	ug/L	ND	25.0	5.1	03/25/21 15:31	
Benzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
Bromobenzene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Bromochloromethane	ug/L	ND	1.0	0.47	03/25/21 15:31	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/25/21 15:31	
Bromoform	ug/L	ND	1.0	0.34	03/25/21 15:31	
Bromomethane	ug/L	ND	2.0	1.7	03/25/21 15:31	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/25/21 15:31	
Chlorobenzene	ug/L	ND	1.0	0.28	03/25/21 15:31	
Chloroethane	ug/L	ND	1.0	0.65	03/25/21 15:31	
Chloroform	ug/L	ND	5.0	1.6	03/25/21 15:31	
Chloromethane	ug/L	ND	1.0	0.54	03/25/21 15:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/25/21 15:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/21 15:31	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

METHOD BLANK: 3209199 Matrix: Water

Associated Lab Samples: 92529550001, 92529550002, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018, 92529550019, 92529550020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	03/25/21 15:31	
Dibromomethane	ug/L	ND	1.0	0.39	03/25/21 15:31	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/25/21 15:31	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/25/21 15:31	
Ethylbenzene	ug/L	ND	1.0	0.30	03/25/21 15:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/25/21 15:31	
m&p-Xylene	ug/L	ND	2.0	0.71	03/25/21 15:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/25/21 15:31	
Methylene Chloride	ug/L	ND	5.0	2.0	03/25/21 15:31	
Naphthalene	ug/L	ND	1.0	0.64	03/25/21 15:31	
o-Xylene	ug/L	ND	1.0	0.34	03/25/21 15:31	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/25/21 15:31	
Styrene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Toluene	ug/L	ND	1.0	0.48	03/25/21 15:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/25/21 15:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/21 15:31	
Trichloroethene	ug/L	ND	1.0	0.38	03/25/21 15:31	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/25/21 15:31	
Vinyl acetate	ug/L	ND	2.0	1.3	03/25/21 15:31	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/25/21 15:31	
Xylene (Total)	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,2-Dichloroethane-d4 (S)	%	95	70-130		03/25/21 15:31	
4-Bromofluorobenzene (S)	%	107	70-130		03/25/21 15:31	
Toluene-d8 (S)	%	109	70-130		03/25/21 15:31	

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	70-130	
1,1,1-Trichloroethane	ug/L	50	48.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethane	ug/L	50	45.3	91	70-130	
1,1-Dichloroethene	ug/L	50	45.9	92	70-130	
1,1-Dichloropropene	ug/L	50	52.2	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.8	102	70-130	
1,2,3-Trichloropropane	ug/L	50	47.8	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	44.6	89	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	48.7	97	70-130	
1,3-Dichlorobenzene	ug/L	50	48.3	97	70-130	
1,3-Dichloropropane	ug/L	50	54.7	109	70-130	
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
2,2-Dichloropropane	ug/L	50	47.8	96	70-130	
2-Butanone (MEK)	ug/L	100	109	109	70-130	
2-Chlorotoluene	ug/L	50	47.4	95	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	49.1	98	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.5	91	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	46.9	94	70-130	
Bromobenzene	ug/L	50	46.4	93	70-130	
Bromochloromethane	ug/L	50	47.7	95	70-130	
Bromodichloromethane	ug/L	50	45.5	91	70-130	
Bromoform	ug/L	50	53.3	107	70-130	
Bromomethane	ug/L	50	39.9	80	70-130	
Carbon tetrachloride	ug/L	50	45.4	91	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	44.4	89	70-130	
Chloroform	ug/L	50	47.6	95	70-130	
Chloromethane	ug/L	50	43.0	86	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	56.3	113	70-130	
Dibromomethane	ug/L	50	44.4	89	70-130	
Dichlorodifluoromethane	ug/L	50	36.7	73	70-130	
Diisopropyl ether	ug/L	50	49.8	100	70-130	
Ethylbenzene	ug/L	50	48.8	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	70-130	
m&p-Xylene	ug/L	100	96.6	97	70-130	
Methyl-tert-butyl ether	ug/L	50	44.2	88	70-130	
Methylene Chloride	ug/L	50	43.6	87	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.8	96	70-130	
p-Isopropyltoluene	ug/L	50	51.2	102	70-130	
Styrene	ug/L	50	48.6	97	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
Toluene	ug/L	50	43.2	86	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.2	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	70-130	
Trichloroethene	ug/L	50	49.0	98	70-130	
Trichlorofluoromethane	ug/L	50	40.0	80	70-130	
Vinyl acetate	ug/L	100	102	102	70-130	IK
Vinyl chloride	ug/L	50	39.5	79	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3209201 3209202

Parameter	Units	92529550002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	23.7	21.9	119	110	73-134	8	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	26.1	24.2	130	121	82-143	8	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	24.3	22.2	121	111	70-136	9	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	24.3	21.9	121	109	70-135	10	30	
1,1-Dichloroethane	ug/L	ND	20	20	27.4	25.2	137	126	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	26.2	23.6	131	118	70-154	11	30	
1,1-Dichloropropene	ug/L	ND	20	20	27.2	24.6	136	123	70-149	10	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	23.0	123	115	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	24.4	21.9	122	109	71-137	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.9	22.3	125	111	73-140	11	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.9	21.3	119	107	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	24.2	22.1	121	110	70-133	9	30	
1,2-Dichloroethane	ug/L	ND	20	20	25.5	23.7	127	119	70-137	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	26.1	23.7	130	119	70-140	9	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.6	23.0	118	115	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	25.1	23.0	126	115	70-143	9	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	24.9	21.6	125	108	70-133	14	30	
2,2-Dichloropropane	ug/L	ND	20	20	27.1	25.6	136	128	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	40	40	57.1	51.6	143	129	60-139	10	30	M1
2-Chlorotoluene	ug/L	ND	20	20	24.6	22.4	123	112	70-144	9	30	
2-Hexanone	ug/L	ND	40	40	52.4	46.7	131	117	65-138	11	30	
4-Chlorotoluene	ug/L	ND	20	20	24.0	21.9	120	109	70-137	9	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	52.0	46.6	130	116	65-135	11	30	
Acetone	ug/L	ND	40	40	56.0	51.3	140	128	60-148	9	30	
Benzene	ug/L	ND	20	20	25.1	23.3	125	117	70-151	7	30	
Bromobenzene	ug/L	ND	20	20	23.3	21.9	116	110	70-136	6	30	
Bromochloromethane	ug/L	ND	20	20	25.6	23.9	128	119	70-141	7	30	
Bromodichloromethane	ug/L	ND	20	20	22.5	20.5	112	102	70-138	9	30	
Bromoform	ug/L	ND	20	20	23.7	21.4	118	107	63-130	10	30	
Bromomethane	ug/L	ND	20	20	22.6	21.1	113	106	15-152	7	30	
Carbon tetrachloride	ug/L	ND	20	20	25.2	22.8	126	114	70-143	10	30	
Chlorobenzene	ug/L	ND	20	20	24.8	22.5	124	112	70-138	10	30	
Chloroethane	ug/L	ND	20	20	23.5	23.7	118	118	52-163	0	30	
Chloroform	ug/L	ND	20	20	25.7	23.5	129	118	70-139	9	30	
Chloromethane	ug/L	ND	20	20	25.2	23.3	126	116	41-139	8	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.8	23.9	129	120	70-141	8	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.0	119	110	70-137	7	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3209201 3209202

Parameter	Units	92529550002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromochloromethane	ug/L	ND	20	20	24.6	22.6	123	113	70-134	9	30	
Dibromomethane	ug/L	ND	20	20	24.2	22.0	121	110	70-138	10	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	21.5	115	108	47-155	7	30	
Diisopropyl ether	ug/L	ND	20	20	27.9	26.0	140	130	63-144	7	30	
Ethylbenzene	ug/L	ND	20	20	24.6	22.6	123	113	66-153	9	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.4	24.2	137	121	65-149	12	30	
m&p-Xylene	ug/L	ND	40	40	49.9	45.7	125	114	69-152	9	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	25.6	23.2	128	116	54-156	10	30	
Methylene Chloride	ug/L	ND	20	20	26.7	24.7	134	124	42-159	8	30	
Naphthalene	ug/L	ND	20	20	23.6	22.0	118	110	61-148	7	30	
o-Xylene	ug/L	ND	20	20	24.5	22.7	122	114	70-148	8	30	
p-Isopropyltoluene	ug/L	ND	20	20	25.0	22.7	125	114	70-146	9	30	
Styrene	ug/L	ND	20	20	25.5	23.3	128	116	70-135	9	30	
Tetrachloroethene	ug/L	ND	20	20	24.4	22.4	122	112	59-143	8	30	
Toluene	ug/L	ND	20	20	24.4	22.2	122	111	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	27.4	24.9	137	125	70-146	9	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.4	21.8	122	109	70-135	11	30	
Trichloroethene	ug/L	ND	20	20	25.1	22.6	126	113	70-147	10	30	
Trichlorofluoromethane	ug/L	ND	20	20	23.8	21.5	119	108	70-148	10	30	
Vinyl acetate	ug/L	ND	40	40	62.5	56.8	156	142	49-151	10	30	M1
Vinyl chloride	ug/L	ND	20	20	23.8	22.3	119	111	70-156	7	30	
Xylene (Total)	ug/L	ND	60	60	74.4	68.4	124	114	63-158	8	30	
1,2-Dichloroethane-d4 (S)	%						108	106	70-130			
4-Bromofluorobenzene (S)	%						99	98	70-130			
Toluene-d8 (S)	%						99	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609286
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529550003

METHOD BLANK: 3209214 Matrix: Water
Associated Lab Samples: 92529550003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/26/21 12:12	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/26/21 12:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/26/21 12:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/26/21 12:12	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/26/21 12:12	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/26/21 12:12	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/26/21 12:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/26/21 12:12	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/26/21 12:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/26/21 12:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/26/21 12:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/26/21 12:12	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/26/21 12:12	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/26/21 12:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/26/21 12:12	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/26/21 12:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/26/21 12:12	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/26/21 12:12	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/26/21 12:12	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/26/21 12:12	
2-Hexanone	ug/L	ND	5.0	0.48	03/26/21 12:12	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/26/21 12:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/26/21 12:12	
Acetone	ug/L	ND	25.0	5.1	03/26/21 12:12	
Benzene	ug/L	ND	1.0	0.34	03/26/21 12:12	
Bromobenzene	ug/L	ND	1.0	0.29	03/26/21 12:12	
Bromochloromethane	ug/L	ND	1.0	0.47	03/26/21 12:12	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/26/21 12:12	
Bromoform	ug/L	ND	1.0	0.34	03/26/21 12:12	
Bromomethane	ug/L	ND	2.0	1.7	03/26/21 12:12	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/26/21 12:12	
Chlorobenzene	ug/L	ND	1.0	0.28	03/26/21 12:12	
Chloroethane	ug/L	ND	1.0	0.65	03/26/21 12:12	
Chloroform	ug/L	ND	5.0	1.6	03/26/21 12:12	
Chloromethane	ug/L	ND	1.0	0.54	03/26/21 12:12	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/26/21 12:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/26/21 12:12	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/26/21 12:12	
Dibromomethane	ug/L	ND	1.0	0.39	03/26/21 12:12	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/26/21 12:12	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

METHOD BLANK: 3209214 Matrix: Water
Associated Lab Samples: 92529550003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/26/21 12:12	v2
Ethylbenzene	ug/L	ND	1.0	0.30	03/26/21 12:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/26/21 12:12	
m&p-Xylene	ug/L	ND	2.0	0.71	03/26/21 12:12	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/26/21 12:12	
Methylene Chloride	ug/L	ND	5.0	2.0	03/26/21 12:12	v2
Naphthalene	ug/L	ND	1.0	0.64	03/26/21 12:12	
o-Xylene	ug/L	ND	1.0	0.34	03/26/21 12:12	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/26/21 12:12	
Styrene	ug/L	ND	1.0	0.29	03/26/21 12:12	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/26/21 12:12	
Toluene	ug/L	ND	1.0	0.48	03/26/21 12:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/26/21 12:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/26/21 12:12	
Trichloroethene	ug/L	ND	1.0	0.38	03/26/21 12:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/26/21 12:12	
Vinyl acetate	ug/L	ND	2.0	1.3	03/26/21 12:12	
Vinyl chloride	ug/L	ND	1.0	0.39	03/26/21 12:12	
Xylene (Total)	ug/L	ND	1.0	0.34	03/26/21 12:12	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/26/21 12:12	
4-Bromofluorobenzene (S)	%	92	70-130		03/26/21 12:12	
Toluene-d8 (S)	%	98	70-130		03/26/21 12:12	

LABORATORY CONTROL SAMPLE: 3209215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.5	97	70-130	
1,1,1-Trichloroethane	ug/L	50	45.1	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.9	92	70-130	
1,1,2-Trichloroethane	ug/L	50	49.4	99	70-130	
1,1-Dichloroethane	ug/L	50	42.7	85	70-130	
1,1-Dichloroethene	ug/L	50	45.9	92	70-130	
1,1-Dichloropropene	ug/L	50	43.8	88	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.3	99	70-130	
1,2,3-Trichloropropane	ug/L	50	49.7	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	70-130	
1,2-Dichlorobenzene	ug/L	50	49.5	99	70-130	
1,2-Dichloroethane	ug/L	50	42.2	84	70-130	
1,2-Dichloropropane	ug/L	50	45.8	92	70-130	
1,3-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,3-Dichloropropane	ug/L	50	45.8	92	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	
2,2-Dichloropropane	ug/L	50	46.7	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3209215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	78.2	78	70-130	
2-Chlorotoluene	ug/L	50	45.4	91	70-130	
2-Hexanone	ug/L	100	85.1	85	70-130	
4-Chlorotoluene	ug/L	50	45.0	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.7	87	70-130	
Acetone	ug/L	100	103	103	70-130	
Benzene	ug/L	50	46.3	93	70-130	
Bromobenzene	ug/L	50	46.8	94	70-130	
Bromochloromethane	ug/L	50	49.0	98	70-130	
Bromodichloromethane	ug/L	50	44.1	88	70-130	
Bromoform	ug/L	50	49.0	98	70-130	
Bromomethane	ug/L	50	46.1	92	70-130	
Carbon tetrachloride	ug/L	50	50.6	101	70-130	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	44.3	89	70-130	
Chloroform	ug/L	50	43.4	87	70-130	
Chloromethane	ug/L	50	40.5	81	70-130	
cis-1,2-Dichloroethene	ug/L	50	42.6	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	70-130	
Dibromochloromethane	ug/L	50	49.0	98	70-130	
Dibromomethane	ug/L	50	53.5	107	70-130	
Dichlorodifluoromethane	ug/L	50	50.3	101	70-130	
Diisopropyl ether	ug/L	50	37.9	76	70-130	v3
Ethylbenzene	ug/L	50	47.2	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	47.5	95	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	42.2	84	70-130	
Methylene Chloride	ug/L	50	39.8	80	70-130	v3
Naphthalene	ug/L	50	49.1	98	70-130	
o-Xylene	ug/L	50	48.5	97	70-130	
p-Isopropyltoluene	ug/L	50	48.6	97	70-130	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	49.4	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.0	88	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Trichloroethene	ug/L	50	52.7	105	70-130	
Trichlorofluoromethane	ug/L	50	49.5	99	70-130	
Vinyl acetate	ug/L	100	96.2	96	70-130	
Vinyl chloride	ug/L	50	44.1	88	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3209216 3209217

Parameter	Units	92529519033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	16.8	19.7	84	99	73-134	16	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.0	22.2	105	111	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.1	20.0	90	100	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.3	20.0	92	100	70-135	9	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.8	20.7	104	104	70-139	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.2	21.1	106	106	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.2	20.6	101	103	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.4	18.3	87	92	70-135	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.1	19.0	85	95	71-137	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.2	20.0	91	100	73-140	10	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.1	19.7	91	98	65-134	8	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.2	20.9	91	104	70-133	14	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.2	19.5	91	97	70-137	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.1	20.6	100	103	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.4	19.9	92	100	70-135	8	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.9	20.1	89	101	70-143	12	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.5	20.3	93	102	70-133	9	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.6	22.1	108	110	61-148	2	30	
2-Butanone (MEK)	ug/L	ND	40	40	41.7	40.6	104	101	60-139	3	30	
2-Chlorotoluene	ug/L	ND	20	20	19.6	20.6	98	103	70-144	5	30	
2-Hexanone	ug/L	ND	40	40	38.4	43.9	96	110	65-138	13	30	v1
4-Chlorotoluene	ug/L	ND	20	20	18.2	19.8	91	99	70-137	8	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.9	37.3	95	93	65-135	2	30	
Acetone	ug/L	ND	40	40	44.9	43.7	112	109	60-148	3	30	v1
Benzene	ug/L	ND	20	20	19.9	20.1	99	101	70-151	1	30	
Bromobenzene	ug/L	ND	20	20	18.0	18.4	90	92	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	21.5	21.0	108	105	70-141	2	30	
Bromodichloromethane	ug/L	ND	20	20	18.5	19.6	93	98	70-138	6	30	
Bromoform	ug/L	ND	20	20	17.2	19.7	86	98	63-130	13	30	
Bromomethane	ug/L	ND	20	20	16.0	18.1	80	91	15-152	12	30	v3
Carbon tetrachloride	ug/L	ND	20	20	19.3	20.1	97	100	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	19.0	21.1	95	105	70-138	10	30	
Chloroethane	ug/L	ND	20	20	19.9	21.8	100	109	52-163	9	30	
Chloroform	ug/L	ND	20	20	19.8	18.1	99	91	70-139	9	30	
Chloromethane	ug/L	ND	20	20	14.7	15.0	73	75	41-139	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.4	19.7	97	98	70-141	1	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.7	19.9	89	99	70-137	11	30	
Dibromochloromethane	ug/L	ND	20	20	18.5	19.8	92	99	70-134	7	30	
Dibromomethane	ug/L	ND	20	20	20.8	20.0	104	100	70-138	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	19.2	18.9	96	95	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	17.7	19.2	88	96	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	19.2	20.8	96	104	66-153	8	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	19.3	92	96	65-149	5	30	
m&p-Xylene	ug/L	ND	40	40	37.6	41.3	94	103	69-152	9	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3209216 3209217

Parameter	Units	92529519033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	16.4	17.1	82	85	54-156	4	30	
Methylene Chloride	ug/L	ND	20	20	19.4	21.0	97	105	42-159	8	30	
Naphthalene	ug/L	0.96J	20	20	17.3	18.8	82	89	61-148	9	30	
o-Xylene	ug/L	ND	20	20	18.9	19.8	94	99	70-148	5	30	
p-Isopropyltoluene	ug/L	ND	20	20	19.5	20.1	97	101	70-146	3	30	
Styrene	ug/L	ND	20	20	18.1	19.7	91	98	70-135	8	30	
Tetrachloroethene	ug/L	ND	20	20	17.6	20.1	88	100	59-143	13	30	
Toluene	ug/L	ND	20	20	19.7	20.6	98	103	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	20.9	102	104	70-146	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.2	20.6	91	103	70-135	12	30	
Trichloroethene	ug/L	ND	20	20	20.2	20.4	101	102	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.7	19.9	94	99	70-148	6	30	
Vinyl acetate	ug/L	ND	40	40	34.8	37.3	87	93	49-151	7	30	IK
Vinyl chloride	ug/L	ND	20	20	19.1	19.0	96	95	70-156	0	30	
Xylene (Total)	ug/L	ND	60	60	56.5	61.1	94	102	63-158	8	30	
1,2-Dichloroethane-d4 (S)	%						100	94	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						99	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609801
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529550001, 92529550002, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

METHOD BLANK: 3211762
Matrix: Water
Associated Lab Samples: 92529550001, 92529550002, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/28/21 10:26	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/28/21 10:26	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/28/21 10:26	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/28/21 10:26	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/28/21 10:26	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/28/21 10:26	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/28/21 10:26	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/28/21 10:26	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/28/21 10:26	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/28/21 10:26	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/28/21 10:26	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/28/21 10:26	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/28/21 10:26	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/28/21 10:26	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/28/21 10:26	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/28/21 10:26	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/28/21 10:26	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/28/21 10:26	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/28/21 10:26	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/28/21 10:26	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/28/21 10:26	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/28/21 10:26	
Acenaphthene	ug/L	ND	10.0	2.0	03/28/21 10:26	
Acenaphthylene	ug/L	ND	10.0	2.0	03/28/21 10:26	
Aniline	ug/L	ND	10.0	1.6	03/28/21 10:26	
Anthracene	ug/L	ND	10.0	2.3	03/28/21 10:26	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/28/21 10:26	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/28/21 10:26	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/28/21 10:26	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/28/21 10:26	
Benzoic Acid	ug/L	ND	50.0	3.4	03/28/21 10:26	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/28/21 10:26	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/28/21 10:26	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/28/21 10:26	

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

METHOD BLANK: 3211762 Matrix: Water

Associated Lab Samples: 92529550001, 92529550002, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/28/21 10:26	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/28/21 10:26	
Chrysene	ug/L	ND	10.0	2.8	03/28/21 10:26	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/28/21 10:26	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/28/21 10:26	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/28/21 10:26	
Dibenzofuran	ug/L	ND	10.0	2.1	03/28/21 10:26	
Diethylphthalate	ug/L	ND	10.0	2.0	03/28/21 10:26	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/28/21 10:26	
Fluoranthene	ug/L	ND	10.0	2.2	03/28/21 10:26	
Fluorene	ug/L	ND	10.0	2.1	03/28/21 10:26	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/28/21 10:26	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/28/21 10:26	
Hexachloroethane	ug/L	ND	10.0	1.4	03/28/21 10:26	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/28/21 10:26	
Isophorone	ug/L	ND	10.0	1.7	03/28/21 10:26	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/28/21 10:26	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/28/21 10:26	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/28/21 10:26	
Nitrobenzene	ug/L	ND	10.0	1.9	03/28/21 10:26	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/28/21 10:26	
Phenanthrene	ug/L	ND	10.0	2.0	03/28/21 10:26	
Phenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
Pyrene	ug/L	ND	10.0	2.2	03/28/21 10:26	
2,4,6-Tribromophenol (S)	%	58	10-144		03/28/21 10:26	
2-Fluorobiphenyl (S)	%	41	10-130		03/28/21 10:26	
2-Fluorophenol (S)	%	34	10-130		03/28/21 10:26	
Nitrobenzene-d5 (S)	%	44	10-144		03/28/21 10:26	
Phenol-d6 (S)	%	27	10-130		03/28/21 10:26	
Terphenyl-d14 (S)	%	52	34-163		03/28/21 10:26	

LABORATORY CONTROL SAMPLE: 3211763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	34.9	70	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.7	75	28-130	
2,4,5-Trichlorophenol	ug/L	50	48.6	97	35-130	
2,4,6-Trichlorophenol	ug/L	50	43.7	87	31-130	
2,4-Dichlorophenol	ug/L	50	40.9	82	35-130	
2,4-Dimethylphenol	ug/L	50	42.6	85	34-130	
2,4-Dinitrophenol	ug/L	250	267	107	10-153	
2,4-Dinitrotoluene	ug/L	50	56.4	113	37-136	

Results presented on this page are in 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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3211763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	53.0	106	33-136	
2-Chloronaphthalene	ug/L	50	37.3	75	26-130	
2-Chlorophenol	ug/L	50	37.9	76	37-130	
2-Methylnaphthalene	ug/L	50	34.7	69	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	37.8	76	35-130	
2-Nitroaniline	ug/L	100	101	101	37-130	
2-Nitrophenol	ug/L	50	41.9	84	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.2	72	34-130	
3,3'-Dichlorobenzidine	ug/L	100	112	112	34-136	
3-Nitroaniline	ug/L	100	107	107	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	111	111	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.0	112	38-130	
4-Chloro-3-methylphenol	ug/L	100	90.8	91	37-130	
4-Chloroaniline	ug/L	100	79.6	80	38-130	
4-Chlorophenylphenyl ether	ug/L	50	46.9	94	33-130	
4-Nitroaniline	ug/L	100	119	119	42-137	
4-Nitrophenol	ug/L	250	167	67	10-130	
Acenaphthene	ug/L	50	43.4	87	33-130	
Acenaphthylene	ug/L	50	44.0	88	35-130	
Aniline	ug/L	50	34.3	69	22-130	
Anthracene	ug/L	50	55.8	112	48-130	
Benzo(a)anthracene	ug/L	50	58.1	116	48-137	
Benzo(b)fluoranthene	ug/L	50	58.9	118	52-138	
Benzo(g,h,i)perylene	ug/L	50	57.7	115	48-140	
Benzo(k)fluoranthene	ug/L	50	59.8	120	48-139	
Benzoic Acid	ug/L	250	146	59	10-130	
Benzyl alcohol	ug/L	100	79.6	80	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	41.6	83	34-130	
bis(2-Chloroethyl) ether	ug/L	50	42.5	85	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.5	127	32-165	
Butylbenzylphthalate	ug/L	50	63.4	127	34-161	
Chrysene	ug/L	50	57.4	115	47-131	
Di-n-butylphthalate	ug/L	50	59.8	120	39-144	
Di-n-octylphthalate	ug/L	50	59.0	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	57.6	115	49-138	
Dibenzofuran	ug/L	50	46.5	93	33-130	
Diethylphthalate	ug/L	50	53.8	108	38-131	
Dimethylphthalate	ug/L	50	49.0	98	37-130	
Fluoranthene	ug/L	50	57.1	114	46-137	
Fluorene	ug/L	50	50.8	102	37-130	
Hexachlorobenzene	ug/L	50	49.9	100	38-130	
Hexachlorocyclopentadiene	ug/L	50	27.1	54	10-130	
Hexachloroethane	ug/L	50	22.1	44	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.8	118	41-130	
Isophorone	ug/L	50	41.1	82	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.0	84	36-130	
N-Nitrosodimethylamine	ug/L	50	36.3	73	34-130	

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3211763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	50.1	100	37-130	
Nitrobenzene	ug/L	50	40.1	80	36-130	
Pentachlorophenol	ug/L	100	115	115	23-149	
Phenanthrene	ug/L	50	53.4	107	44-130	
Phenol	ug/L	50	24.8	50	18-130	
Pyrene	ug/L	50	60.1	120	47-134	
2,4,6-Tribromophenol (S)	%			119	10-144	
2-Fluorobiphenyl (S)	%			76	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			80	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			95	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211764 3211765

Parameter	Units	92529550001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	50	50	41.3	25.3	83	51	10-130	48	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	46.3	22.7	93	45	12-142	68	30	R1
2,4,5-Trichlorophenol	ug/L	ND	50	50	17.5	36.3	35	73	10-143	70	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	7.5J	29.6	15	59	10-147		30	
2,4-Dichlorophenol	ug/L	ND	50	50	25.8	28.6	52	57	10-138	10	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50.2	30.4	100	61	25-130	49	30	R1
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	0	5	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	53.0	43.6	106	87	29-148	19	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	55.9	42.7	112	85	26-146	27	30	
2-Chloronaphthalene	ug/L	ND	50	50	44.4	28.6	89	57	11-130	43	30	R1
2-Chlorophenol	ug/L	ND	50	50	24.4	22.8	49	46	10-133	7	30	
2-Methylnaphthalene	ug/L	ND	50	50	40.9	25.9	82	52	13-130	45	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	43.9	25.8	88	52	20-130	52	30	R1
2-Nitroaniline	ug/L	ND	100	100	109	82.2	109	82	24-136	28	30	
2-Nitrophenol	ug/L	ND	50	50	21.3	26.1	43	52	10-153	20	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	41.1	25.0	82	50	16-130	49	30	R1
3,3'-Dichlorobenzidine	ug/L	ND	100	100	109	84.0	109	84	10-153	26	30	
3-Nitroaniline	ug/L	ND	100	100	110	88.5	110	88	22-151	21	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	ND	37.8	3	38	10-180		30	M1
4-Bromophenylphenyl ether	ug/L	ND	50	50	58.4	45.3	117	91	25-130	25	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	93.5	73.8	93	74	25-133	24	30	
4-Chloroaniline	ug/L	ND	100	100	95.1	57.3	95	57	14-132	50	30	R1
4-Chlorophenylphenyl ether	ug/L	ND	50	50	51.6	38.1	103	76	19-130	30	30	
4-Nitroaniline	ug/L	ND	100	100	113	93.9	113	94	29-150	18	30	
4-Nitrophenol	ug/L	ND	250	250	ND	49.0J	0	20	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	50.3	35.4	101	71	16-130	35	30	R1
Acenaphthylene	ug/L	ND	50	50	51.1	35.3	102	71	15-137	36	30	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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211764 3211765

Parameter	Units	92529550001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	50	50	41.0	22.3	82	45	10-130	59	30	R1
Anthracene	ug/L	ND	50	50	55.8	44.8	112	90	37-136	22	30	
Benzo(a)anthracene	ug/L	ND	50	50	55.3	45.8	111	92	40-145	19	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	56.2	45.5	112	91	39-151	21	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	59.5	47.2	119	94	40-147	23	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	55.4	44.2	111	88	40-146	22	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	97.4	54.0	97	54	25-130	57	30	R1
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.4	26.5	101	53	23-130	62	30	R1
bis(2-Chloroethyl) ether	ug/L	ND	50	50	51.9	26.2	104	52	25-130	66	30	R1
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	59.8	45.6	120	91	28-166	27	30	
Butylbenzylphthalate	ug/L	ND	50	50	59.5	47.6	119	95	33-165	22	30	
Chrysene	ug/L	ND	50	50	55.3	43.9	111	88	38-141	23	30	
Di-n-butylphthalate	ug/L	ND	50	50	56.5	45.0	113	90	32-153	23	30	
Di-n-octylphthalate	ug/L	ND	50	50	56.8	44.0	114	88	30-175	26	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	58.2	46.5	116	93	39-148	22	30	
Dibenzofuran	ug/L	ND	50	50	52.0	38.1	104	76	20-130	31	30	R1
Diethylphthalate	ug/L	ND	50	50	54.1	42.9	108	86	28-142	23	30	
Dimethylphthalate	ug/L	ND	50	50	52.3	40.4	105	81	26-136	26	30	
Fluoranthene	ug/L	ND	50	50	56.4	46.4	113	93	39-143	19	30	
Fluorene	ug/L	ND	50	50	54.1	40.9	108	82	24-132	28	30	
Hexachlorobenzene	ug/L	ND	50	50	51.4	40.2	103	80	29-130	24	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	30.2	17.1	60	34	10-130	56	30	R1
Hexachloroethane	ug/L	ND	50	50	25.7	12.7	51	25	10-130	68	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	59.3	46.8	119	94	39-148	23	30	
Isophorone	ug/L	ND	50	50	50.4	28.4	101	57	23-130	56	30	R1
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	51.5	27.3	103	55	25-130	61	30	R1
N-Nitrosodimethylamine	ug/L	ND	50	50	43.8	23.2	88	46	22-130	61	30	R1
N-Nitrosodiphenylamine	ug/L	ND	50	50	51.0	41.2	102	82	26-134	21	30	
Nitrobenzene	ug/L	ND	50	50	47.9	25.7	96	51	25-130	60	30	R1
Pentachlorophenol	ug/L	ND	100	100	9.2J	65.4	9	65	10-175		30	M1
Phenanthrene	ug/L	ND	50	50	55.2	43.5	110	87	36-133	24	30	
Phenol	ug/L	ND	50	50	21.2	16.5	42	33	10-130	25	30	
Pyrene	ug/L	ND	50	50	57.7	47.3	115	95	40-143	20	30	
2,4,6-Tribromophenol (S)	%						43	83	10-144			
2-Fluorobiphenyl (S)	%						91	54	10-130			
2-Fluorophenol (S)	%						17	33	10-130			
Nitrobenzene-d5 (S)	%						95	50	10-144			
Phenol-d6 (S)	%						40	31	10-130			
Terphenyl-d14 (S)	%						94	76	34-163			

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 610114
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529550003, 92529550004

METHOD BLANK: 3212855 Matrix: Water
Associated Lab Samples: 92529550003, 92529550004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/31/21 08:18	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/31/21 08:18	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/31/21 08:18	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/31/21 08:18	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/31/21 08:18	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/31/21 08:18	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/31/21 08:18	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/31/21 08:18	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/31/21 08:18	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/31/21 08:18	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/31/21 08:18	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/31/21 08:18	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/31/21 08:18	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/31/21 08:18	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/31/21 08:18	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/31/21 08:18	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/31/21 08:18	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/31/21 08:18	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/31/21 08:18	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/31/21 08:18	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/31/21 08:18	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/31/21 08:18	
Acenaphthene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Acenaphthylene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Aniline	ug/L	ND	10.0	1.6	03/31/21 08:18	
Anthracene	ug/L	ND	10.0	2.3	03/31/21 08:18	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/31/21 08:18	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/31/21 08:18	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/31/21 08:18	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/31/21 08:18	
Benzoic Acid	ug/L	ND	50.0	3.4	03/31/21 08:18	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/31/21 08:18	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/31/21 08:18	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/31/21 08:18	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/31/21 08:18	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/31/21 08:18	
Chrysene	ug/L	ND	10.0	2.8	03/31/21 08:18	

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

METHOD BLANK: 3212855 Matrix: Water
Associated Lab Samples: 92529550003, 92529550004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/31/21 08:18	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/31/21 08:18	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/31/21 08:18	
Dibenzofuran	ug/L	ND	10.0	2.1	03/31/21 08:18	
Diethylphthalate	ug/L	ND	10.0	2.0	03/31/21 08:18	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/31/21 08:18	
Fluoranthene	ug/L	ND	10.0	2.2	03/31/21 08:18	
Fluorene	ug/L	ND	10.0	2.1	03/31/21 08:18	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/31/21 08:18	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/31/21 08:18	
Hexachloroethane	ug/L	ND	10.0	1.4	03/31/21 08:18	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/31/21 08:18	
Isophorone	ug/L	ND	10.0	1.7	03/31/21 08:18	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/31/21 08:18	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/31/21 08:18	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/31/21 08:18	
Nitrobenzene	ug/L	ND	10.0	1.9	03/31/21 08:18	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/31/21 08:18	
Phenanthrene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Phenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
Pyrene	ug/L	ND	10.0	2.2	03/31/21 08:18	
2,4,6-Tribromophenol (S)	%	76	10-144		03/31/21 08:18	
2-Fluorobiphenyl (S)	%	63	10-130		03/31/21 08:18	
2-Fluorophenol (S)	%	51	10-130		03/31/21 08:18	
Nitrobenzene-d5 (S)	%	72	10-144		03/31/21 08:18	
Phenol-d6 (S)	%	40	10-130		03/31/21 08:18	
Terphenyl-d14 (S)	%	115	34-163		03/31/21 08:18	

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	32.4	65	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.2	74	28-130	
2,4,5-Trichlorophenol	ug/L	50	42.1	84	35-130	
2,4,6-Trichlorophenol	ug/L	50	41.1	82	31-130	
2,4-Dichlorophenol	ug/L	50	38.4	77	35-130	
2,4-Dimethylphenol	ug/L	50	40.4	81	34-130	
2,4-Dinitrophenol	ug/L	250	231	92	10-153	
2,4-Dinitrotoluene	ug/L	50	50.4	101	37-136	
2,6-Dinitrotoluene	ug/L	50	47.6	95	33-136	
2-Chloronaphthalene	ug/L	50	33.1	66	26-130	
2-Chlorophenol	ug/L	50	38.2	76	37-130	
2-Methylnaphthalene	ug/L	50	31.7	63	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.9	72	35-130	

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	91.5	91	37-130	
2-Nitrophenol	ug/L	50	39.5	79	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.8	72	34-130	
3,3'-Dichlorobenzidine	ug/L	100	102	102	34-136	
3-Nitroaniline	ug/L	100	93.1	93	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	98.3	98	21-157	
4-Bromophenylphenyl ether	ug/L	50	49.5	99	38-130	
4-Chloro-3-methylphenol	ug/L	100	82.6	83	37-130	
4-Chloroaniline	ug/L	100	76.7	77	38-130	
4-Chlorophenylphenyl ether	ug/L	50	38.9	78	33-130	
4-Nitroaniline	ug/L	100	103	103	42-137	
4-Nitrophenol	ug/L	250	147	59	10-130	
Acenaphthene	ug/L	50	38.2	76	33-130	
Acenaphthylene	ug/L	50	39.5	79	35-130	
Aniline	ug/L	50	34.2	68	22-130	
Anthracene	ug/L	50	49.3	99	48-130	
Benzo(a)anthracene	ug/L	50	53.0	106	48-137	
Benzo(b)fluoranthene	ug/L	50	52.9	106	52-138	
Benzo(g,h,i)perylene	ug/L	50	63.2	126	48-140	
Benzo(k)fluoranthene	ug/L	50	51.8	104	48-139	
Benzoic Acid	ug/L	250	133	53	10-130	
Benzyl alcohol	ug/L	100	76.7	77	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	41.2	82	34-130	
bis(2-Chloroethyl) ether	ug/L	50	43.1	86	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	58.5	117	32-165	
Butylbenzylphthalate	ug/L	50	54.9	110	34-161	
Chrysene	ug/L	50	51.0	102	47-131	
Di-n-butylphthalate	ug/L	50	55.1	110	39-144	
Di-n-octylphthalate	ug/L	50	51.4	103	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.5	121	49-138	
Dibenzofuran	ug/L	50	40.6	81	33-130	
Diethylphthalate	ug/L	50	47.1	94	38-131	
Dimethylphthalate	ug/L	50	46.1	92	37-130	
Fluoranthene	ug/L	50	51.8	104	46-137	
Fluorene	ug/L	50	43.5	87	37-130	
Hexachlorobenzene	ug/L	50	43.7	87	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.8	44	10-130	
Hexachloroethane	ug/L	50	24.7	49	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	62.1	124	41-130	
Isophorone	ug/L	50	40.4	81	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	41.6	83	36-130	
N-Nitrosodimethylamine	ug/L	50	36.1	72	34-130	
N-Nitrosodiphenylamine	ug/L	50	45.7	91	37-130	
Nitrobenzene	ug/L	50	38.6	77	36-130	
Pentachlorophenol	ug/L	100	100	100	23-149	
Phenanthrene	ug/L	50	48.1	96	44-130	
Phenol	ug/L	50	24.9	50	18-130	

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	51.9	104	47-134	
2,4,6-Tribromophenol (S)	%			108	10-144	
2-Fluorobiphenyl (S)	%			72	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			81	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			121	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3212857 3212858

Parameter	Units	92529686001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	15.4	50	50	61.6	53.4	92	76	10-130	14	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	51.1	45.6	102	91	12-142	11	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	56.1	35.6	112	71	10-143	45	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	53.7	26.5	107	53	10-147	68	30	R1
2,4-Dichlorophenol	ug/L	ND	50	50	53.5	40.6	107	81	10-138	27	30	
2,4-Dimethylphenol	ug/L	ND	50	50	52.5	48.3	105	97	25-130	8	30	
2,4-Dinitrophenol	ug/L	ND	250	250	284	ND	114	3	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	62.1	54.2	124	108	29-148	14	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	59.2	52.6	118	105	26-146	12	30	
2-Chloronaphthalene	ug/L	ND	50	50	46.2	38.7	92	77	11-130	18	30	
2-Chlorophenol	ug/L	ND	50	50	49.6	40.5	99	81	10-133	20	30	
2-Methylnaphthalene	ug/L	10.9	50	50	57.1	48.6	92	75	13-130	16	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	48.4	43.6	97	87	20-130	10	30	
2-Nitroaniline	ug/L	ND	100	100	115	100	115	100	24-136	14	30	
2-Nitrophenol	ug/L	ND	50	50	56.5	43.2	113	86	10-153	27	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	45.2	42.3	90	85	16-130	7	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	90.9	111	91	111	10-153	20	30	
3-Nitroaniline	ug/L	ND	100	100	111	103	111	103	22-151	8	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	117	20.7	117	21	10-180	140	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	57.9	51.7	116	103	25-130	11	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	104	94.2	104	94	25-133	10	30	
4-Chloroaniline	ug/L	ND	100	100	96.2	91.2	96	91	14-132	5	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	51.0	45.0	102	90	19-130	12	30	
4-Nitroaniline	ug/L	ND	100	100	117	112	117	112	29-150	4	30	
4-Nitrophenol	ug/L	ND	250	250	173	24.5J	69	10	10-130		30	
Acenaphthene	ug/L	ND	50	50	52.8	44.7	102	86	16-130	17	30	
Acenaphthylene	ug/L	ND	50	50	52.6	45.1	105	90	15-137	15	30	
Aniline	ug/L	ND	50	50	36.4	40.5	73	81	10-130	11	30	
Anthracene	ug/L	ND	50	50	58.6	52.2	117	104	37-136	11	30	
Benzo(a)anthracene	ug/L	ND	50	50	62.6	59.6	125	119	40-145	5	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	62.9	58.8	126	118	39-151	7	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	71.5	66.1	143	132	40-147	8	30	

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3212857 3212858

Parameter	Units	92529686001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(k)fluoranthene	ug/L	ND	50	50	62.7	56.7	125	113	40-146	10	30	
Benzoic Acid	ug/L	ND	250	250	171	ND	69	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	105	96.6	105	97	25-130	8	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	55.0	49.2	110	98	23-130	11	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.2	51.9	116	104	25-130	11	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	66.0	60.9	132	122	28-166	8	30	
Butylbenzylphthalate	ug/L	ND	50	50	68.4	62.8	137	126	33-165	9	30	
Chrysene	ug/L	ND	50	50	61.0	58.2	122	116	38-141	5	30	
Di-n-butylphthalate	ug/L	ND	50	50	62.8	57.7	126	115	32-153	8	30	
Di-n-octylphthalate	ug/L	ND	50	50	63.9	59.4	128	119	30-175	7	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	69.4	65.6	139	131	39-148	6	30	
Dibenzofuran	ug/L	ND	50	50	52.3	46.0	105	92	20-130	13	30	
Diethylphthalate	ug/L	ND	50	50	58.3	51.8	117	104	28-142	12	30	
Dimethylphthalate	ug/L	ND	50	50	56.5	49.3	113	99	26-136	14	30	
Fluoranthene	ug/L	ND	50	50	59.7	57.2	119	114	39-143	4	30	
Fluorene	ug/L	ND	50	50	57.8	49.4	109	92	24-132	16	30	
Hexachlorobenzene	ug/L	ND	50	50	50.9	47.8	102	96	29-130	6	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	32.8	25.6	66	51	10-130	24	30	
Hexachloroethane	ug/L	ND	50	50	40.5	34.1	81	68	10-130	17	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	70.1	66.4	140	133	39-148	5	30	
Isophorone	ug/L	ND	50	50	54.3	48.4	109	97	23-130	12	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	55.8	50.7	112	101	25-130	10	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	47.9	44.7	96	89	22-130	7	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	52.8	48.2	106	96	26-134	9	30	
Nitrobenzene	ug/L	ND	50	50	54.3	49.0	109	98	25-130	10	30	
Pentachlorophenol	ug/L	ND	100	100	122	40.6	122	41	10-175	100	30	R1
Phenanthrene	ug/L	ND	50	50	61.2	55.7	114	103	36-133	9	30	
Phenol	ug/L	ND	50	50	31.2	29.2	60	56	10-130	7	30	
Pyrene	ug/L	ND	50	50	65.8	57.8	132	116	40-143	13	30	
2,4,6-Tribromophenol (S)	%						130	84	10-144			
2-Fluorobiphenyl (S)	%						97	81	10-130			
2-Fluorophenol (S)	%						74	51	10-130			
Nitrobenzene-d5 (S)	%						106	96	10-144			
Phenol-d6 (S)	%						58	53	10-130			
Terphenyl-d14 (S)	%						142	129	34-163			

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609834
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529550001, 92529550002, 92529550003, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

METHOD BLANK: 3211822 Matrix: Water
Associated Lab Samples: 92529550001, 92529550002, 92529550003, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/29/21 12:06	
2-Fluorobiphenyl (S)	%	116	61-163		03/29/21 12:06	
Nitrobenzene-d5 (S)	%	119	67-170		03/29/21 12:06	
Terphenyl-d14 (S)	%	108	62-169		03/29/21 12:06	

LABORATORY CONTROL SAMPLE: 3211823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.8	74	70-130	
2-Fluorobiphenyl (S)	%			109	61-163	
Nitrobenzene-d5 (S)	%			92	67-170	
Terphenyl-d14 (S)	%			94	62-169	

MATRIX SPIKE SAMPLE: 3211824

Parameter	Units	92529550001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	ND	2.5	1.9	74	50-165	
2-Fluorobiphenyl (S)	%				121	61-163	
Nitrobenzene-d5 (S)	%				100	67-170	
Terphenyl-d14 (S)	%				99	62-169	

SAMPLE DUPLICATE: 3211825

Parameter	Units	92529550002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/L	ND	ND		30	
2-Fluorobiphenyl (S)	%	121	120			
Nitrobenzene-d5 (S)	%	97	117			
Terphenyl-d14 (S)	%	108	104			

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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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 610159
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529550011

METHOD BLANK: 3213048 Matrix: Water
Associated Lab Samples: 92529550011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/21 13:24	
2-Fluorobiphenyl (S)	%	132	61-163		03/30/21 13:24	
Nitrobenzene-d5 (S)	%	110	67-170		03/30/21 13:24	
Terphenyl-d14 (S)	%	113	62-169		03/30/21 13:24	

LABORATORY CONTROL SAMPLE: 3213049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	95	70-130	
2-Fluorobiphenyl (S)	%			136	61-163	
Nitrobenzene-d5 (S)	%			105	67-170	
Terphenyl-d14 (S)	%			117	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213050 3213051

Parameter	Units	92530009001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	4.6	4.1	93	83	50-165	12	30	
2-Fluorobiphenyl (S)	%						124	124	61-163			
Nitrobenzene-d5 (S)	%						105	95	67-170			
Terphenyl-d14 (S)	%						115	93	62-169			

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALIFIERS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
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
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529550001	SW-12_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550002	SW-11_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550003	SW-10_WS_20210323	EPA 3510C	610114	EPA 8270E	610399
92529550004	SW-9_WS_20210323	EPA 3510C	610114	EPA 8270E	610399
92529550005	SW-8_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550006	SW-7_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550007	SW-1_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550008	SW-2_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550009	SW-3_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550010	SW-4_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550011	SW-5_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550012	SW-13_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550013	SW-6_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550014	SW-17_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550015	SW-16_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550016	SW-15_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550017	SW-14_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550018	FB-06_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550001	SW-12_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550002	SW-11_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550003	SW-10_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550004	SW-9_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550005	SW-8_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550006	SW-7_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550007	SW-1_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550008	SW-2_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550009	SW-3_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550010	SW-4_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550011	SW-5_WS_20210323	EPA 3511	610159	EPA 8270E by SIM	610208
92529550012	SW-13_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550013	SW-6_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550014	SW-17_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550015	SW-16_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550016	SW-15_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550017	SW-14_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550018	FB-06_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550001	SW-12_WS_20210323	EPA 8260D	609283		
92529550002	SW-11_WS_20210323	EPA 8260D	609283		
92529550003	SW-10_WS_20210323	EPA 8260D	609286		
92529550004	SW-9_WS_20210323	EPA 8260D	609283		
92529550005	SW-8_WS_20210323	EPA 8260D	609283		
92529550006	SW-7_WS_20210323	EPA 8260D	609283		
92529550007	SW-1_WS_20210323	EPA 8260D	609283		
92529550008	SW-2_WS_20210323	EPA 8260D	609283		
92529550009	SW-3_WS_20210323	EPA 8260D	609283		

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: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529550010	**SW-4_WS_20210323**	EPA 8260D	609283		
92529550011	**SW-5_WS_20210323**	EPA 8260D	609283		
92529550012	**SW-13_WS_20210323**	EPA 8260D	609283		
92529550013	**SW-6_WS_20210323**	EPA 8260D	609283		
92529550014	**SW-17_WS_20210323**	EPA 8260D	609283		
92529550015	**SW-16_WS_20210323**	EPA 8260D	609283		
92529550016	**SW-15_WS_20210323**	EPA 8260D	609283		
92529550017	**SW-14_WS_20210323**	EPA 8260D	609283		
92529550018	**FB-06_WS_20210323**	EPA 8260D	609283		
92529550019	**TB-11_WS_20210323**	EPA 8260D	609283		
92529550020	**TB-12_WS_20210323**	EPA 8260D	609283		

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

Sample Condition Upon Receipt

Client Name: Synterra

Project # WO# : 92529550

92529550

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

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

Date/Initials Person Examining Contents: 3-25-21 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: 2.4/3.1 **Correction Factor:** Add/Subtract (°C) 0.0°C

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

Cooler Temp Corrected (°C): 2.4/3.1

USDA Regulated Soil (☑ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

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

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
~~Rush Turn Around Time Requested?~~	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
~~Includes Date/Time/ID/Analysis Matrix:~~ 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#: 92529550

PM: KLH1 Due Date: 03/31/21

CLIENT: 92-Duke Ener

pg 1

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

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project # **WO# : 92529550**

PM: KLH1 Due Date: 03/31/21

CLIENT: 92-Duke Ener

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																3											2	3
2																3											2	3
3																3											2	3
4																3											2	3
5																3											2	3
6																3											2	3
7																2												
8																2												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

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 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax:	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency: | State / Location: SC

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

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	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test: 8260	8270 & 8270 LV	8260	8270	8270 LV	TRIP BLANKS	8270 SIM NH LV	Residual Chlorine (Y/N)
1	SW-12-WS-20210323	WT	G			3/23	0905		8	5			3							X	X			X	
2	SW-11-WS-20210323	WT	G			3/23	0920		8	5			3							X	X			X	
3	SW-10-WS-20210323	WT	G			3/23	0945		8	5			3							X	X			X	
4	SW-9-WS-20210323	WT	G			3/23	1005		8	5			3							X	X			X	
5	SW-8-WS-20210323	WT	G			3/23	1025		8	5			3							X	X			X	
6	SW-7-WS-20210323	WT	G			3/23	1035		8	5			3							X	X			X	
7	SW-1-WS-20210323	WT	G			3/23	1050		8	5			3							X	X			X	
8	SW-2-WS-20210323	WT	G			3/23	1105		8	5			3							X	X			X	
9	SW-3-WS-20210323	WT	G			3/23	1115		8	5			3							X	X			X	
10	SW-4-WS-20210323	WT	G			3/23	1310		8	5			3							X	X			X	
11	SW-5-WS-20210323	WT	G			3/23	1330		8	5			3							X	X			X	
12	SW-13-WS-20210323	WT	G			3/23	1345		8	5			3							X	X			X	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Level 4 data report required		3/24	0930	Pace	3.24.21	1117				
	Pace	3.24.21	1320	A.Rucker/PACE/AVL	3-24-21	1320				
	A.Rucker/PACE/AVL	3-24-21	1830	PACE AVL	3-25-21	8.00	2.4	Y	N	Y
							3.1			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Greg Darnell

SIGNATURE of SAMPLER: [signature] DATE Signed: 3-23-21

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

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 : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
	Suite 220, Greenville, SC 29601			Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax:	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency: | State / Location: SC

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

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	Requested Analysis Filtered (Y/N): 8260	8270 & 8270 LV	8260	8270	8270 LV	TRIP BLANKS	8270 SIM PAH LV	Residual Chlorine (Y/N)
1	SW-6-WS-20210323	WT	G			3/23	1400		8	5			3								X	X		X		
2	SW-17-WS-20210323	WT	G			3/23	1425		8	5			3								X	X		X		
3	SW-16-WS-20210323	WT	G			3/23	1440		8	5			3								X	X		X		
4	SW-15-WS-20210323	WT	G			3/23	1455		8	5			3								X	X		X		
5	SW-14-WS-20210323	WT	G			3/23	1510		8	5			3								X	X		X		
6	FB-06-WS-20210323	WT	G			3/23	1530		8	5			3								X	X		X		
7	TB-11-WS-20210323	WT	G			—	—		2				2										X			
8	TB-12-WS-20210323	WT	G			—	—		2				2										X			
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)
Level 4 data report required		3/24	0930	CD C / Pace	3.24.21	1117				
	D C / Pace	3.24.21	1320	A.Rucker/PACE/AVL	3-24-21	1320				
	A.Rucker/PACE/AVL	3-24-21	1830	~~AMM~~ PACE HVL	3-25-21	8:00	2.4	Y	N	Y
							3.1			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Grey Darnell

SIGNATURE of SAMPLER: [signature] DATE Signed: 3-23-21

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

March 22, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Dear Program Manager:

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

Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

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 SUMMARY

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92527577001	**MW-7R_WG_20210311**	Water	03/11/21 14:41	03/12/21 12:50
92527577002	**MW-9R_WG_20210311**	Water	03/11/21 15:02	03/12/21 12:50
92527577003	**MW-16_WG_20210311**	Water	03/11/21 12:55	03/12/21 12:50
92527577004	**MW-26_WG_20210311**	Water	03/11/21 09:39	03/12/21 12:50
92527577005	**MW-27_WG_20210311**	Water	03/11/21 10:09	03/12/21 12:50
92527577006	**MW-36S_WG_20210311**	Water	03/11/21 13:00	03/12/21 12:50
92527577007	**MW-36TZ_WG_20210311**	Water	03/11/21 12:43	03/12/21 12:50
92527577008	**MW-36BR_WG_20210311**	Water	03/11/21 11:35	03/12/21 12:50
92527577009	**MW-37S_WG_20210312**	Water	03/12/21 09:31	03/12/21 12:50
92527577010	**MW-37TZ_WG_20210312**	Water	03/12/21 10:35	03/12/21 12:50
92527577011	**MW-37BR_WG_20210312**	Water	03/12/21 09:57	03/12/21 12:50
92527577012	**MW-42S_WG_20210311**	Water	03/11/21 14:02	03/12/21 12:50
92527577013	**MW-42TZ_WG_20210311**	Water	03/11/21 14:34	03/12/21 12:50
92527577014	**MW-42BR_WG_20210311**	Water	03/11/21 15:04	03/12/21 12:50
92527577015	**MW-35S_WG_20210312**	Water	03/12/21 09:34	03/12/21 12:50
92527577016	**MW-35TZ_WG_20210312**	Water	03/12/21 09:10	03/12/21 12:50
92527577017	**MW-35BR_WG_20210312**	Water	03/12/21 10:10	03/12/21 12:50
92527577018	**MW-43S_WG_20210311**	Water	03/11/21 11:30	03/12/21 12:50
92527577019	**MW-43TZ_WG_20210311**	Water	03/11/21 10:37	03/12/21 12:50
92527577020	**FD-01_WG_20210311**	Water	03/11/21 00:00	03/12/21 12:50
92527577021	**FB-02_WG_20210311**	Water	03/11/21 15:50	03/12/21 12:50
92527577022	**FB-03_WG_20210312**	Water	03/11/21 10:40	03/12/21 12:50
92527577023	**MW-13R_WG_20210311**	Water	03/11/21 10:33	03/12/21 12:50
92527577024	**MW-15_WG_20210311**	Water	03/11/21 12:23	03/12/21 12:50
92527577025	**MW-28_WG_20210311**	Water	03/11/21 14:06	03/12/21 12:50
92527577026	**MW-43BR_WG_20210311**	Water	03/11/21 09:45	03/12/21 12:50
92527577027	**TB-03_WG_20210311**	Water	03/11/21 00:00	03/12/21 12:50
92527577028	**TB-04_WG_20210311**	Water	03/11/21 00:00	03/12/21 12:50
92527577029	**TB-05_WG_20210312**	Water	03/12/21 00:00	03/12/21 12:50

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527577001	MW-7R_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577002	MW-9R_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577003	MW-16_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527577004	MW-26_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527577005	MW-27_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527577006	MW-36S_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92527577007	MW-36TZ_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92527577008	MW-36BR_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577009	MW-37S_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577010	MW-37TZ_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577011	MW-37BR_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577012	MW-42S_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577013	MW-42TZ_WG_20210311	EPA 8270E	PKS	67	PASI-C

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577014	**MW-42BR_WG_20210311**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577015	**MW-35S_WG_20210312**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577016	**MW-35TZ_WG_20210312**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577017	**MW-35BR_WG_20210312**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577018	**MW-43S_WG_20210311**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577019	**MW-43TZ_WG_20210311**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577020	**FD-01_WG_20210311**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577021	**FB-02_WG_20210311**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577022	**FB-03_WG_20210312**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577023	**MW-13R_WG_20210311**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527577024	**MW-15_WG_20210311**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527577025	**MW-28_WG_20210311**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527577026	**MW-43BR_WG_20210311**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527577027	**TB-03_WG_20210311**	EPA 8260D	BSH	62	PASI-C
92527577028	**TB-04_WG_20210311**	EPA 8260D	SAS	62	PASI-C
92527577029	**TB-05_WG_20210312**	EPA 8260D	SAS	62	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527577001	**MW-7R_WG_20210311**					
EPA 8270E	1-Methylnaphthalene	3.4J	ug/L	10.0	03/17/21 11:08	
EPA 8260D	Benzene	12.4	ug/L	1.0	03/18/21 18:41	
EPA 8260D	Methyl-tert-butyl ether	0.86J	ug/L	1.0	03/18/21 18:41	
EPA 8260D	Naphthalene	31.0	ug/L	1.0	03/18/21 18:41	
EPA 8260D	Xylene (Total)	1.1	ug/L	1.0	03/18/21 18:41	
EPA 8260D	m&p-Xylene	1.1J	ug/L	2.0	03/18/21 18:41	
92527577002	**MW-9R_WG_20210311**					
EPA 8260D	Methyl-tert-butyl ether	1.4	ug/L	1.0	03/18/21 17:46	
92527577005	**MW-27_WG_20210311**					
EPA 8260D	Methyl-tert-butyl ether	0.63J	ug/L	1.0	03/18/21 22:58	
92527577006	**MW-36S_WG_20210311**					
EPA 8270E	Acenaphthene	4.7J	ug/L	10.0	03/17/21 15:42	
EPA 8270E	Dibenzofuran	2.4J	ug/L	10.0	03/17/21 15:42	
EPA 8270E	1-Methylnaphthalene	5.8J	ug/L	10.0	03/17/21 15:42	
EPA 8260D	Benzene	8.5	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Ethylbenzene	40.5	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Naphthalene	198	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Styrene	1.0J	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Toluene	11.4	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Xylene (Total)	35.5	ug/L	2.0	03/19/21 15:06	
EPA 8260D	m&p-Xylene	12.2	ug/L	4.0	03/19/21 15:06	
EPA 8260D	o-Xylene	23.3	ug/L	2.0	03/19/21 15:06	
92527577007	**MW-36TZ_WG_20210311**					
EPA 8260D	Methyl-tert-butyl ether	1.3	ug/L	1.0	03/19/21 14:13	
EPA 8260D	Xylene (Total)	0.79J	ug/L	1.0	03/19/21 14:13	
EPA 8260D	m&p-Xylene	0.79J	ug/L	2.0	03/19/21 14:13	C8
92527577009	**MW-37S_WG_20210312**					
EPA 8260D	Methyl-tert-butyl ether	0.59J	ug/L	1.0	03/18/21 15:02	
92527577010	**MW-37TZ_WG_20210312**					
EPA 8260D	Methyl-tert-butyl ether	2.2	ug/L	1.0	03/18/21 15:21	
92527577012	**MW-42S_WG_20210311**					
EPA 8260D	Methyl-tert-butyl ether	1.8	ug/L	1.0	03/18/21 15:57	
92527577018	**MW-43S_WG_20210311**					
EPA 8260D	Methyl-tert-butyl ether	5.0	ug/L	1.0	03/18/21 14:26	
92527577023	**MW-13R_WG_20210311**					
EPA 6010D	Manganese	314	ug/L	5.0	03/18/21 18:09	
EPA 6010D	Manganese, Dissolved	296	ug/L	5.0	03/17/21 02:09	
EPA 8270E	Benzoic Acid	12.1J	ug/L	50.0	03/17/21 23:44	
EPA 300.0 Rev 2.1 1993	Sulfate	34.0	mg/L	1.0	03/16/21 17:58	
SM 5310B-2011	Total Organic Carbon	0.83J	mg/L	1.0	03/21/21 16:08	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527577024	**MW-15_WG_20210311**					
EPA 6010D	Iron	160	ug/L	50.0	03/18/21 18:12	
EPA 6010D	Manganese	3.7J	ug/L	5.0	03/18/21 18:12	
EPA 8260D	cis-1,2-Dichloroethene	0.55J	ug/L	1.0	03/18/21 22:04	
EPA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	03/16/21 18:43	
92527577025	**MW-28_WG_20210311**					
EPA 6010D	Iron	539	ug/L	50.0	03/18/21 18:15	
EPA 6010D	Manganese	163	ug/L	5.0	03/18/21 18:15	
EPA 6010D	Iron, Dissolved	445	ug/L	50.0	03/17/21 02:16	
EPA 6010D	Manganese, Dissolved	162	ug/L	5.0	03/17/21 02:16	
EPA 8260D	Methyl-tert-butyl ether	1.1	ug/L	1.0	03/18/21 14:44	
EPA 300.0 Rev 2.1 1993	Sulfate	20.2	mg/L	1.0	03/16/21 18:58	
92527577026	**MW-43BR_WG_20210311**					
EPA 6010D	Iron	836	ug/L	50.0	03/18/21 18:25	
EPA 6010D	Manganese	46.6	ug/L	5.0	03/18/21 18:25	
EPA 6010D	Iron, Dissolved	379	ug/L	50.0	03/17/21 02:19	
EPA 6010D	Manganese, Dissolved	41.7	ug/L	5.0	03/17/21 02:19	
EPA 8260D	Ethylbenzene	0.38J	ug/L	1.0	03/18/21 18:59	
EPA 8260D	Naphthalene	2.3	ug/L	1.0	03/18/21 18:59	
SM 4500-S2D-2011	Sulfide	1.6	mg/L	0.50	03/16/21 03:55	
EPA 300.0 Rev 2.1 1993	Sulfate	12.3	mg/L	1.0	03/16/21 19:13	
SM 5310B-2011	Total Organic Carbon	22.2	mg/L	1.0	03/21/21 17:36	

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607050

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527376006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3198349)
  - Iron
  - Manganese
- MSD (Lab ID: 3198350)
  - Iron
  - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 22, 2021

General Information:
26 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 606974

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.

- BLANK (Lab ID: 3197928)
  - 2-Nitrophenol
- LCS (Lab ID: 3197929)
  - 2-Nitrophenol
- MS (Lab ID: 3197930)
  - 2-Nitrophenol
- MSD (Lab ID: 3197931)
  - 2-Nitrophenol
- MW-7R_WG_20210311 (Lab ID: 92527577001)
  - 2-Nitrophenol

QC Batch: 607096

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.

- MS (Lab ID: 3198461)
  - 2-Nitrophenol
- MSD (Lab ID: 3198462)
  - 2-Nitrophenol

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607096

S0: Surrogate recovery outside laboratory control limits.

- MS (Lab ID: 3198461)
  - 2-Fluorophenol (S)
  - Phenol-d6 (S)
- MSD (Lab ID: 3198462)
  - 2-Fluorophenol (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606974

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527577001

R1: RPD value was outside control limits.

- MSD (Lab ID: 3197931)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Nitrophenol
  - Pentachlorophenol

QC Batch: 607096

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92523431009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3198461)
  - 2,4,5-Trichlorophenol
  - 2,4,6-Trichlorophenol
  - 2,4-Dichlorophenol
  - 2,4-Dinitrophenol
  - 2-Chlorophenol
  - 2-Nitrophenol
  - 4-Nitrophenol
  - Benzoic Acid
  - Phenol
- MSD (Lab ID: 3198462)
  - 2,4,5-Trichlorophenol
  - 2,4,6-Trichlorophenol
  - 2,4-Dinitrophenol
  - 2-Nitrophenol
  - 4-Nitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607096

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92523431009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3198462)
  - 2,4-Dimethylphenol
  - 2-Methylphenol(o-Cresol)
  - 3&4-Methylphenol(m&p Cresol)
  - 4-Chloro-3-methylphenol
  - Pentachlorophenol

Additional Comments:

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Huntersville, NC 28078
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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 22, 2021

General Information:
26 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 606805

S0: Surrogate recovery outside laboratory control limits.

- MW-43BR_WG_20210311 (Lab ID: 92527577026)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 22, 2021

General Information:
29 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607966

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3202673)
  - Bromoform
- LCS (Lab ID: 3202674)
  - Bromoform
- MW-36S_WG_20210311 (Lab ID: 92527577006)
  - Bromoform
- MW-36TZ_WG_20210311 (Lab ID: 92527577007)
  - Bromoform

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 606959

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.

- BLANK (Lab ID: 3197829)
  - Chloroethane
- FB-02_WG_20210311 (Lab ID: 92527577021)
  - Chloroethane
- FB-03_WG_20210312 (Lab ID: 92527577022)
  - Chloroethane
- FD-01_WG_20210311 (Lab ID: 92527577020)
  - Chloroethane
- MW-28_WG_20210311 (Lab ID: 92527577025)
  - Chloroethane
- MW-35BR_WG_20210312 (Lab ID: 92527577017)
  - Chloroethane
- MW-35S_WG_20210312 (Lab ID: 92527577015)
  - Chloroethane
- MW-35TZ_WG_20210312 (Lab ID: 92527577016)
  - Chloroethane
- MW-36BR_WG_20210311 (Lab ID: 92527577008)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 22, 2021

QC Batch: 606959

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.

- Chloroethane
- MW-37BR_WG_20210312 (Lab ID: 92527577011)
  - Chloroethane
- MW-37S_WG_20210312 (Lab ID: 92527577009)
  - Chloroethane
- MW-37TZ_WG_20210312 (Lab ID: 92527577010)
  - Chloroethane
- MW-42BR_WG_20210311 (Lab ID: 92527577014)
  - Chloroethane
- MW-42S_WG_20210311 (Lab ID: 92527577012)
  - Chloroethane
- MW-42TZ_WG_20210311 (Lab ID: 92527577013)
  - Chloroethane
- MW-43BR_WG_20210311 (Lab ID: 92527577026)
  - Chloroethane
- MW-43S_WG_20210311 (Lab ID: 92527577018)
  - Chloroethane
- MW-43TZ_WG_20210311 (Lab ID: 92527577019)
  - Chloroethane
- MW-7R_WG_20210311 (Lab ID: 92527577001)
  - Chloroethane
- MW-9R_WG_20210311 (Lab ID: 92527577002)
  - Chloroethane
- TB-03_WG_20210311 (Lab ID: 92527577027)
  - Chloroethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3197830)
  - Chloroethane
- MS (Lab ID: 3197843)
  - Chloroethane
- MSD (Lab ID: 3197844)
  - Chloroethane
- MW-7R_WG_20210311 (Lab ID: 92527577001)
  - Chloroethane

QC Batch: 607966

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.

- BLANK (Lab ID: 3202673)
  - Bromomethane
  - Chloromethane
- MW-36S_WG_20210311 (Lab ID: 92527577006)
  - Bromomethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607966

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.

- Chloromethane
- MW-36TZ_WG_20210311 (Lab ID: 92527577007)
  - Bromomethane
  - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3202674)
  - Bromomethane
  - Chloromethane
- MS (Lab ID: 3202675)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3202676)
  - Bromomethane
  - Chloromethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 607966

C8: Result may be biased high due to carryover from previously analyzed sample.

- MW-36TZ_WG_20210311 (Lab ID: 92527577007)
  - m&p-Xylene
  - Toluene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606776

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92526603002,92527577024

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3196855)
  - Sulfide
- MSD (Lab ID: 3196856)
  - Sulfide

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: **SM 5310B-2011**
Description: 5310B TOC
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607918

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92525986001,92527577025

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3202358)
  - Total Organic Carbon
- MS (Lab ID: 3202360)
  - Total Organic Carbon
- MSD (Lab ID: 3202359)
  - Total Organic Carbon
- MSD (Lab ID: 3202361)
  - Total Organic Carbon

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 **Lab ID: 92527577001** Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 11:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 11:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 11:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 11:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 11:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 11:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 11:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 11:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 11:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 11:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 11:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 11:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 11:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 11:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 11:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 11:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 11:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 11:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 11:08	534-52-1	R1
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 11:08	51-28-5	R1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 11:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 11:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 11:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 11:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	78-59-1	
1-Methylnaphthalene	**3.4J**	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 11:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 **Lab ID: 92527577001** Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 11:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 11:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 11:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 11:08	100-02-7	R1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 11:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 11:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 11:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 11:08	87-86-5	R1
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-144		1	03/16/21 19:09	03/17/21 11:08	4165-60-0	
2-Fluorobiphenyl (S)	68	%	10-130		1	03/16/21 19:09	03/17/21 11:08	321-60-8	
Terphenyl-d14 (S)	149	%	34-163		1	03/16/21 19:09	03/17/21 11:08	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	03/16/21 19:09	03/17/21 11:08	13127-88-3	
2-Fluorophenol (S)	45	%	10-130		1	03/16/21 19:09	03/17/21 11:08	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/16/21 19:09	03/17/21 11:08	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 18:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	126	%	67-170		1	03/16/21 11:20	03/17/21 18:05	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	03/16/21 11:20	03/17/21 18:05	321-60-8	
Terphenyl-d14 (S)	98	%	62-169		1	03/16/21 11:20	03/17/21 18:05	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:41	67-64-1	
Benzene	**12.4**	ug/L	1.0	0.34	1		03/18/21 18:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:41	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:41	75-00-3	v2,v3

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 **Lab ID: 92527577001** Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:41	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 18:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:41	108-10-1	
Methyl-tert-butyl ether	**0.86J**	ug/L	1.0	0.42	1		03/18/21 18:41	1634-04-4	
Naphthalene	**31.0**	ug/L	1.0	0.64	1		03/18/21 18:41	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:41	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:41	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 **Lab ID: 92527577001** Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**1.1**	ug/L	1.0	0.34	1		03/18/21 18:41	1330-20-7	
m&p-Xylene	**1.1J**	ug/L	2.0	0.71	1		03/18/21 18:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 18:41	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 18:41	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/18/21 18:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 14:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 14:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 14:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 14:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 14:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 14:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 14:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 14:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 14:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 14:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 14:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 14:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 14:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:01	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 14:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 14:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 14:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 14:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/16/21 19:09	03/17/21 14:01	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/16/21 19:09	03/17/21 14:01	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	03/16/21 19:09	03/17/21 14:01	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/16/21 19:09	03/17/21 14:01	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/16/21 19:09	03/17/21 14:01	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	03/16/21 19:09	03/17/21 14:01	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 19:10	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/16/21 11:20	03/17/21 19:10	4165-60-0	
2-Fluorobiphenyl (S)	105	%	61-163		1	03/16/21 11:20	03/17/21 19:10	321-60-8	
Terphenyl-d14 (S)	97	%	62-169		1	03/16/21 11:20	03/17/21 19:10	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 17:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 17:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 17:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 17:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 17:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 17:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 17:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 17:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 17:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 17:46	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 17:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 17:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 17:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 17:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 17:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 17:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 17:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 17:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 17:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 17:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 17:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 17:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 17:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 17:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 17:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 17:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 17:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 17:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 17:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 17:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 17:46	108-10-1	
Methyl-tert-butyl ether	**1.4**	ug/L	1.0	0.42	1		03/18/21 17:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 17:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 17:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 17:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 17:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 17:46	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 17:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 17:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 17:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 17:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 17:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 17:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 17:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 17:46	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 17:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 17:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 17:46	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 17:46	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 17:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 14:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 14:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 14:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 14:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 14:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 14:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 14:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 14:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 14:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 14:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 14:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 14:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 14:26	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:26	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 14:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 14:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 14:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 14:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-144		1	03/16/21 19:09	03/17/21 14:26	4165-60-0	
2-Fluorobiphenyl (S)	97	%	10-130		1	03/16/21 19:09	03/17/21 14:26	321-60-8	
Terphenyl-d14 (S)	147	%	34-163		1	03/16/21 19:09	03/17/21 14:26	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	03/16/21 19:09	03/17/21 14:26	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 14:26	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	03/16/21 19:09	03/17/21 14:26	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 19:31	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	67-170		1	03/16/21 11:20	03/17/21 19:31	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	03/16/21 11:20	03/17/21 19:31	321-60-8	
Terphenyl-d14 (S)	104	%	62-169		1	03/16/21 11:20	03/17/21 19:31	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:22	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 22:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:22	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 22:22	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/18/21 22:22	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/18/21 22:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID: 92527577004** Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 14:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 14:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 14:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 14:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 14:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 14:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 14:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 14:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 14:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 14:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 14:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 14:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 14:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID: 92527577004** Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 14:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 14:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 14:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 14:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	10-144		1	03/16/21 19:09	03/17/21 14:52	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	03/16/21 19:09	03/17/21 14:52	321-60-8	
Terphenyl-d14 (S)	102	%	34-163		1	03/16/21 19:09	03/17/21 14:52	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/16/21 19:09	03/17/21 14:52	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/16/21 19:09	03/17/21 14:52	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		1	03/16/21 19:09	03/17/21 14:52	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 19:53	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	132	%	67-170		1	03/16/21 11:20	03/17/21 19:53	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/16/21 11:20	03/17/21 19:53	321-60-8	
Terphenyl-d14 (S)	86	%	62-169		1	03/16/21 11:20	03/17/21 19:53	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:40	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:40	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID: 92527577004** Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:40	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 22:40	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:40	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:40	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:40	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID: 92527577004** Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 22:40	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 22:40	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 22:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-27_WG_20210311 **Lab ID: 92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 15:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 15:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 15:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 15:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 15:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 15:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 15:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 15:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 15:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 15:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 15:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 15:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 15:17	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:17	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-27_WG_20210311 **Lab ID: 92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 15:17	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 15:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 15:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 15:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:17	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	10-144		1	03/16/21 19:09	03/17/21 15:17	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/16/21 19:09	03/17/21 15:17	321-60-8	
Terphenyl-d14 (S)	96	%	34-163		1	03/16/21 19:09	03/17/21 15:17	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/16/21 19:09	03/17/21 15:17	13127-88-3	
2-Fluorophenol (S)	52	%	10-130		1	03/16/21 19:09	03/17/21 15:17	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	03/16/21 19:09	03/17/21 15:17	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 20:15	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	67-170		1	03/16/21 11:20	03/17/21 20:15	4165-60-0	
2-Fluorobiphenyl (S)	115	%	61-163		1	03/16/21 11:20	03/17/21 20:15	321-60-8	
Terphenyl-d14 (S)	97	%	62-169		1	03/16/21 11:20	03/17/21 20:15	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:58	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:58	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:58	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-27_WG_20210311 **Lab ID: 92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:58	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:58	108-10-1	
Methyl-tert-butyl ether	**0.63J**	ug/L	1.0	0.42	1		03/18/21 22:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:58	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:58	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:58	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-27_WG_20210311 **Lab ID: 92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 22:58	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 22:58	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 22:58	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 **Lab ID: 92527577006** Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**4.7J**	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 15:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 15:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:42	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 15:42	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 15:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 15:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 15:42	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 15:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:42	53-70-3	
Dibenzofuran	**2.4J**	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 15:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 15:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 15:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 15:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 15:42	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:42	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 15:42	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	78-59-1	
1-Methylnaphthalene	**5.8J**	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:42	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 **Lab ID: 92527577006** Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 15:42	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:42	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 15:42	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 15:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 15:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:42	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:42	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	03/16/21 19:09	03/17/21 15:42	4165-60-0	
2-Fluorobiphenyl (S)	91	%	10-130		1	03/16/21 19:09	03/17/21 15:42	321-60-8	
Terphenyl-d14 (S)	124	%	34-163		1	03/16/21 19:09	03/17/21 15:42	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/16/21 19:09	03/17/21 15:42	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/16/21 19:09	03/17/21 15:42	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	03/16/21 19:09	03/17/21 15:42	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 20:36	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/16/21 11:20	03/17/21 20:36	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/16/21 11:20	03/17/21 20:36	321-60-8	
Terphenyl-d14 (S)	95	%	62-169		1	03/16/21 11:20	03/17/21 20:36	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	50.0	10.2	2		03/19/21 15:06	67-64-1	
Benzene	**8.5**	ug/L	2.0	0.69	2		03/19/21 15:06	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		03/19/21 15:06	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		03/19/21 15:06	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		03/19/21 15:06	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		03/19/21 15:06	75-25-2	IK
Bromomethane	ND	ug/L	4.0	3.3	2		03/19/21 15:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		03/19/21 15:06	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		03/19/21 15:06	56-23-5	
Chlorobenzene	ND	ug/L	2.0	0.57	2		03/19/21 15:06	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		03/19/21 15:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 **Lab ID: 92527577006** Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	10.0	3.1	2		03/19/21 15:06	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		03/19/21 15:06	74-87-3	v2
2-Chlorotoluene	ND	ug/L	2.0	0.64	2		03/19/21 15:06	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	0.65	2		03/19/21 15:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2		03/19/21 15:06	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	0.72	2		03/19/21 15:06	124-48-1	
Dibromomethane	ND	ug/L	2.0	0.79	2		03/19/21 15:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/19/21 15:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/19/21 15:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2		03/19/21 15:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2		03/19/21 15:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2		03/19/21 15:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2		03/19/21 15:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2		03/19/21 15:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2		03/19/21 15:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2		03/19/21 15:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2		03/19/21 15:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2		03/19/21 15:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2		03/19/21 15:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2		03/19/21 15:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/19/21 15:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/19/21 15:06	10061-02-6	
Diisopropyl ether	ND	ug/L	2.0	0.62	2		03/19/21 15:06	108-20-3	
Ethylbenzene	**40.5**	ug/L	2.0	0.61	2		03/19/21 15:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		03/19/21 15:06	87-68-3	
2-Hexanone	ND	ug/L	10.0	0.95	2		03/19/21 15:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2		03/19/21 15:06	99-87-6	
Methylene Chloride	ND	ug/L	10.0	3.9	2		03/19/21 15:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2		03/19/21 15:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2		03/19/21 15:06	1634-04-4	
Naphthalene	**198**	ug/L	2.0	1.3	2		03/19/21 15:06	91-20-3	
Styrene	**1.0J**	ug/L	2.0	0.58	2		03/19/21 15:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2		03/19/21 15:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2		03/19/21 15:06	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	0.58	2		03/19/21 15:06	127-18-4	
Toluene	**11.4**	ug/L	2.0	0.97	2		03/19/21 15:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2		03/19/21 15:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2		03/19/21 15:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2		03/19/21 15:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2		03/19/21 15:06	79-00-5	
Trichloroethene	ND	ug/L	2.0	0.77	2		03/19/21 15:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		03/19/21 15:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2		03/19/21 15:06	96-18-4	
Vinyl acetate	ND	ug/L	4.0	2.6	2		03/19/21 15:06	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.77	2		03/19/21 15:06	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 **Lab ID: 92527577006** Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**35.5**	ug/L	2.0	0.68	2		03/19/21 15:06	1330-20-7	
m&p-Xylene	**12.2**	ug/L	4.0	1.4	2		03/19/21 15:06	179601-23-1	
o-Xylene	**23.3**	ug/L	2.0	0.68	2		03/19/21 15:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		2		03/19/21 15:06	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		2		03/19/21 15:06	17060-07-0	
Toluene-d8 (S)	101	%	70-130		2		03/19/21 15:06	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 **Lab ID: 92527577007** Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 16:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 16:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 16:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 16:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 16:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 16:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 16:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 16:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 16:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 16:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 16:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 16:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 16:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 **Lab ID: 92527577007** Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 16:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 16:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 16:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 16:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/16/21 19:09	03/17/21 16:08	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/16/21 19:09	03/17/21 16:08	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	03/16/21 19:09	03/17/21 16:08	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/16/21 19:09	03/17/21 16:08	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/16/21 19:09	03/17/21 16:08	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	03/16/21 19:09	03/17/21 16:08	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 20:58	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	67-170		1	03/16/21 11:20	03/17/21 20:58	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-163		1	03/16/21 11:20	03/17/21 20:58	321-60-8	
Terphenyl-d14 (S)	114	%	62-169		1	03/16/21 11:20	03/17/21 20:58	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 14:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 14:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 14:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 14:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 14:13	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 14:13	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 14:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 14:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 14:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 14:13	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 **Lab ID: 92527577007** Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 14:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 14:13	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 14:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 14:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 14:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 14:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 14:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 14:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 14:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 14:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 14:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 14:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 14:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 14:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 14:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 14:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 14:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 14:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 14:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 14:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 14:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 14:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 14:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 14:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 14:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 14:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 14:13	108-10-1	
Methyl-tert-butyl ether	**1.3**	ug/L	1.0	0.42	1		03/19/21 14:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 14:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 14:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 14:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 14:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 14:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 14:13	108-88-3	C8
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 14:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 14:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 14:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 14:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 14:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 14:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 14:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 14:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 14:13	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 **Lab ID: 92527577007** Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**0.79J**	ug/L	1.0	0.34	1		03/19/21 14:13	1330-20-7	
m&p-Xylene	**0.79J**	ug/L	2.0	0.71	1		03/19/21 14:13	179601-23-1	C8
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/19/21 14:13	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/19/21 14:13	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/19/21 14:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 **Lab ID: 92527577008** Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 16:33	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:33	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 16:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:33	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 16:33	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 16:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:33	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 16:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 16:33	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 16:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:33	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:33	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 16:33	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:33	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 16:33	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 16:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 16:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 16:33	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:33	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 16:33	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:33	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 **Lab ID: 92527577008** Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 16:33	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:33	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 16:33	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 16:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 16:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:33	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:33	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	10-144		1	03/16/21 19:09	03/17/21 16:33	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/16/21 19:09	03/17/21 16:33	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	03/16/21 19:09	03/17/21 16:33	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	03/16/21 19:09	03/17/21 16:33	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	03/16/21 19:09	03/17/21 16:33	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	03/16/21 19:09	03/17/21 16:33	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 21:20	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	67-170		1	03/16/21 11:20	03/17/21 21:20	4165-60-0	
2-Fluorobiphenyl (S)	112	%	61-163		1	03/16/21 11:20	03/17/21 21:20	321-60-8	
Terphenyl-d14 (S)	107	%	62-169		1	03/16/21 11:20	03/17/21 21:20	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 19:17	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 19:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 19:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 19:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 19:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 19:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 19:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 19:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 19:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 19:17	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 **Lab ID: 92527577008** Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 19:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 19:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 19:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 19:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 19:17	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 19:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 19:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 19:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 19:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 19:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 19:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 19:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 19:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 19:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 19:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 19:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 19:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 19:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 19:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 19:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 19:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 19:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 19:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 19:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 19:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 19:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 19:17	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 19:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 19:17	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 19:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 19:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 19:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 19:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 19:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 19:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 19:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 19:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 19:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 19:17	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 **Lab ID: 92527577008** Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 19:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 19:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 19:17	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/18/21 19:17	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 19:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 16:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:58	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 16:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:58	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 16:58	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 16:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 16:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 16:58	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 16:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:58	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:58	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 16:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 16:58	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 16:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 16:58	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 16:58	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:58	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 16:58	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:58	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 16:58	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:58	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 16:58	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 16:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 16:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:58	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:58	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-144		1	03/16/21 19:09	03/17/21 16:58	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/16/21 19:09	03/17/21 16:58	321-60-8	
Terphenyl-d14 (S)	115	%	34-163		1	03/16/21 19:09	03/17/21 16:58	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/16/21 19:09	03/17/21 16:58	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		1	03/16/21 19:09	03/17/21 16:58	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	03/16/21 19:09	03/17/21 16:58	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 21:41	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	67-170		1	03/16/21 11:20	03/17/21 21:41	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	03/16/21 11:20	03/17/21 21:41	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/16/21 11:20	03/17/21 21:41	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:02	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:02	108-10-1	
Methyl-tert-butyl ether	**0.59J**	ug/L	1.0	0.42	1		03/18/21 15:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:02	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 15:02	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:02	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 15:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 17:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:24	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 17:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:24	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 17:24	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 17:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 17:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 17:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 17:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:24	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 17:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 17:24	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 17:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 17:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 17:24	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:24	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 17:24	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:24	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 17:24	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 17:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 17:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 17:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:24	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:24	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:24	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	85	%	10-144		1	03/16/21 19:09	03/17/21 17:24	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/16/21 19:09	03/17/21 17:24	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	03/16/21 19:09	03/17/21 17:24	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/16/21 19:09	03/17/21 17:24	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 17:24	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-144		1	03/16/21 19:09	03/17/21 17:24	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 22:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	67-170		1	03/16/21 11:20	03/17/21 22:03	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/16/21 11:20	03/17/21 22:03	321-60-8	
Terphenyl-d14 (S)	100	%	62-169		1	03/16/21 11:20	03/17/21 22:03	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:21	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:21	108-10-1	
Methyl-tert-butyl ether	**2.2**	ug/L	1.0	0.42	1		03/18/21 15:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:21	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 15:21	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:21	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 15:21	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 **Lab ID: 92527577011** Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 17:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:49	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 17:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:49	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 17:49	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 17:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:49	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 17:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 17:49	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 17:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:49	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 17:49	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:49	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 17:49	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 17:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 17:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 17:49	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:49	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 17:49	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:49	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 **Lab ID: 92527577011** Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 17:49	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:49	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 17:49	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 17:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 17:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:49	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:49	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	03/16/21 19:09	03/17/21 17:49	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/16/21 19:09	03/17/21 17:49	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	03/16/21 19:09	03/17/21 17:49	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/16/21 19:09	03/17/21 17:49	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/16/21 19:09	03/17/21 17:49	367-12-4	
2,4,6-Tribromophenol (S)	111	%	10-144		1	03/16/21 19:09	03/17/21 17:49	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 22:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	125	%	67-170		1	03/16/21 11:20	03/17/21 22:24	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-163		1	03/16/21 11:20	03/17/21 22:24	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/16/21 11:20	03/17/21 22:24	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:39	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:39	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 **Lab ID: 92527577011** Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 15:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:39	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:39	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:39	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 **Lab ID: 92527577011** Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 15:39	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:39	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 15:39	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 18:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 18:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:14	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 18:14	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 18:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 18:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 18:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 18:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 18:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 18:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 18:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 18:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 18:14	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:14	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 18:14	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:14	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 18:14	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:14	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 18:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 18:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 18:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:14	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:14	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-144		1	03/16/21 19:09	03/17/21 18:14	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/16/21 19:09	03/17/21 18:14	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	03/16/21 19:09	03/17/21 18:14	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/16/21 19:09	03/17/21 18:14	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/16/21 19:09	03/17/21 18:14	367-12-4	
2,4,6-Tribromophenol (S)	96	%	10-144		1	03/16/21 19:09	03/17/21 18:14	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 22:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	67-170		1	03/16/21 11:20	03/17/21 22:46	4165-60-0	
2-Fluorobiphenyl (S)	107	%	61-163		1	03/16/21 11:20	03/17/21 22:46	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/16/21 11:20	03/17/21 22:46	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:57	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:57	108-10-1	
Methyl-tert-butyl ether	**1.8**	ug/L	1.0	0.42	1		03/18/21 15:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:57	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 15:57	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:57	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 15:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 **Lab ID: 92527577013** Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 18:39	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 18:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:39	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 18:39	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 18:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 18:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 18:39	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 18:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:39	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 18:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 18:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 18:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 18:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 18:39	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:39	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 18:39	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:39	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 **Lab ID: 92527577013** Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 18:39	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:39	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 18:39	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 18:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 18:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:39	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:39	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-144		1	03/16/21 19:09	03/17/21 18:39	4165-60-0	
2-Fluorobiphenyl (S)	94	%	10-130		1	03/16/21 19:09	03/17/21 18:39	321-60-8	
Terphenyl-d14 (S)	143	%	34-163		1	03/16/21 19:09	03/17/21 18:39	1718-51-0	
Phenol-d6 (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 18:39	13127-88-3	
2-Fluorophenol (S)	75	%	10-130		1	03/16/21 19:09	03/17/21 18:39	367-12-4	
2,4,6-Tribromophenol (S)	113	%	10-144		1	03/16/21 19:09	03/17/21 18:39	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 09:07	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	67-170		1	03/16/21 11:20	03/18/21 09:07	4165-60-0	
2-Fluorobiphenyl (S)	108	%	61-163		1	03/16/21 11:20	03/18/21 09:07	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	03/16/21 11:20	03/18/21 09:07	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 16:15	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 16:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 16:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 16:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 16:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 16:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 16:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 16:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 16:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 16:15	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 **Lab ID: 92527577013** Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 16:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 16:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 16:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 16:15	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 16:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 16:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 16:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 16:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 16:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 16:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 16:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 16:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 16:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 16:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:15	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 16:15	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 16:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 16:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 16:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 16:15	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 16:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 16:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 16:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 16:15	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 16:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 16:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 16:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 16:15	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 16:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 16:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 16:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 16:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 16:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 16:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 16:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 16:15	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 **Lab ID: 92527577013** Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 16:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 16:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 16:15	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 16:15	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 16:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 **Lab ID: 92527577014** Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 19:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:05	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 19:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:05	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 19:05	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 19:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:05	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 19:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 19:05	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 19:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:05	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:05	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 19:05	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:05	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 19:05	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 19:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 19:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 19:05	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:05	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 19:05	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:05	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 **Lab ID: 92527577014** Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 19:05	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:05	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 19:05	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 19:05	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 19:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:05	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:05	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	10-144		1	03/16/21 19:09	03/17/21 19:05	4165-60-0	
2-Fluorobiphenyl (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 19:05	321-60-8	
Terphenyl-d14 (S)	103	%	34-163		1	03/16/21 19:09	03/17/21 19:05	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/16/21 19:09	03/17/21 19:05	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	03/16/21 19:09	03/17/21 19:05	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-144		1	03/16/21 19:09	03/17/21 19:05	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 09:29	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	67-170		1	03/16/21 11:20	03/18/21 09:29	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-163		1	03/16/21 11:20	03/18/21 09:29	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	03/16/21 11:20	03/18/21 09:29	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 16:33	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 16:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 16:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 16:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 16:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 16:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 16:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 16:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 16:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 16:33	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 **Lab ID: 92527577014** Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 16:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 16:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 16:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 16:33	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 16:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 16:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 16:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 16:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 16:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 16:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 16:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 16:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 16:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 16:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 16:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 16:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 16:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 16:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 16:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 16:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 16:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 16:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 16:33	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 16:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 16:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 16:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 16:33	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 16:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 16:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 16:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 16:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 16:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 16:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 16:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 16:33	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 **Lab ID: 92527577014** Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 16:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 16:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 16:33	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 16:33	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 16:33	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID: 92527577015** Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 19:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 19:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:30	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 19:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 19:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 19:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 19:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 19:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 19:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 19:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 19:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 19:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 19:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:30	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 19:30	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:30	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID: 92527577015** Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 19:30	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:30	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 19:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 19:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 19:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:30	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:30	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-144		1	03/16/21 19:09	03/17/21 19:30	4165-60-0	
2-Fluorobiphenyl (S)	88	%	10-130		1	03/16/21 19:09	03/17/21 19:30	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	03/16/21 19:09	03/17/21 19:30	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/16/21 19:09	03/17/21 19:30	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/16/21 19:09	03/17/21 19:30	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-144		1	03/16/21 19:09	03/17/21 19:30	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 09:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	67-170		1	03/16/21 11:20	03/18/21 09:50	4165-60-0	
2-Fluorobiphenyl (S)	110	%	61-163		1	03/16/21 11:20	03/18/21 09:50	321-60-8	
Terphenyl-d14 (S)	98	%	62-169		1	03/16/21 11:20	03/18/21 09:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 16:51	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 16:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 16:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 16:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 16:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 16:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 16:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 16:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 16:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 16:51	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID: 92527577015** Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 16:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 16:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 16:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 16:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 16:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 16:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 16:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 16:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 16:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 16:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 16:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 16:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 16:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 16:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 16:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 16:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 16:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 16:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 16:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 16:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 16:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 16:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 16:51	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 16:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 16:51	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 16:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 16:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 16:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 16:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 16:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 16:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 16:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 16:51	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID: 92527577015** Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 16:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 16:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 16:51	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 16:51	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 16:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 **Lab ID: 92527577016** Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 19:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 19:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 19:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 19:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 19:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 19:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 19:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 19:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 19:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 19:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 19:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 19:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 19:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 **Lab ID: 92527577016** Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 19:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 19:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 19:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 19:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-144		1	03/16/21 19:09	03/17/21 19:55	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/16/21 19:09	03/17/21 19:55	321-60-8	
Terphenyl-d14 (S)	119	%	34-163		1	03/16/21 19:09	03/17/21 19:55	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	03/16/21 19:09	03/17/21 19:55	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/16/21 19:09	03/17/21 19:55	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-144		1	03/16/21 19:09	03/17/21 19:55	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 10:12	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	67-170		1	03/16/21 11:20	03/18/21 10:12	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/16/21 11:20	03/18/21 10:12	321-60-8	
Terphenyl-d14 (S)	104	%	62-169		1	03/16/21 11:20	03/18/21 10:12	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 17:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 17:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 17:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 17:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 17:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 17:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 17:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 17:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 17:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 17:09	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 **Lab ID: 92527577016** Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 17:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 17:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 17:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 17:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 17:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 17:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 17:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 17:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 17:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 17:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 17:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 17:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 17:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 17:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 17:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 17:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 17:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 17:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 17:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 17:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 17:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 17:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 17:09	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 17:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 17:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 17:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 17:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 17:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 17:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 17:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 17:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 17:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 17:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 17:09	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 **Lab ID: 92527577016** Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 17:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 17:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 17:09	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 17:09	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 17:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 **Lab ID: 92527577017** Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 20:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 20:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:21	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 20:21	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 20:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 20:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 20:21	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 20:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:21	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 20:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 20:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 20:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 20:21	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:21	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 20:21	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:21	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 **Lab ID: 92527577017** Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 20:21	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:21	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 20:21	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 20:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 20:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:21	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:21	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	10-144		1	03/16/21 19:09	03/17/21 20:21	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/16/21 19:09	03/17/21 20:21	321-60-8	
Terphenyl-d14 (S)	104	%	34-163		1	03/16/21 19:09	03/17/21 20:21	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/16/21 19:09	03/17/21 20:21	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/16/21 19:09	03/17/21 20:21	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	03/16/21 19:09	03/17/21 20:21	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 10:34	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	67-170		1	03/16/21 11:20	03/18/21 10:34	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-163		1	03/16/21 11:20	03/18/21 10:34	321-60-8	
Terphenyl-d14 (S)	85	%	62-169		1	03/16/21 11:20	03/18/21 10:34	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 17:28	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 17:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 17:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 17:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 17:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 17:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 17:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 17:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 17:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 17:28	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 **Lab ID: 92527577017** Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 17:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 17:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 17:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 17:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 17:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 17:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 17:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 17:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 17:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 17:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 17:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 17:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 17:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 17:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 17:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 17:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 17:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 17:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 17:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 17:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 17:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 17:28	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 17:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 17:28	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 17:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 17:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 17:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 17:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 17:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 17:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 17:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 17:28	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 **Lab ID: 92527577017** Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 17:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 17:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 17:28	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 17:28	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 17:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 **Lab ID: 92527577018** Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 20:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 20:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 20:46	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 20:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 20:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 20:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 20:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:46	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 20:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 20:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 20:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 20:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 20:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:46	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 20:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:46	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 **Lab ID: 92527577018** Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 20:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 20:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 20:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 20:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:46	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	85	%	10-144		1	03/16/21 19:09	03/17/21 20:46	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	03/16/21 19:09	03/17/21 20:46	321-60-8	
Terphenyl-d14 (S)	142	%	34-163		1	03/16/21 19:09	03/17/21 20:46	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/16/21 19:09	03/17/21 20:46	13127-88-3	
2-Fluorophenol (S)	37	%	10-130		1	03/16/21 19:09	03/17/21 20:46	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-144		1	03/16/21 19:09	03/17/21 20:46	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 10:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	67-170		1	03/16/21 11:20	03/18/21 10:55	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/16/21 11:20	03/18/21 10:55	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/16/21 11:20	03/18/21 10:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 14:26	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 14:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 14:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 14:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 14:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 14:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 14:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 14:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 14:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 14:26	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 **Lab ID: 92527577018** Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 14:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 14:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 14:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 14:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 14:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 14:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 14:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 14:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 14:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 14:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 14:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 14:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 14:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 14:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 14:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 14:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 14:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 14:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 14:26	108-10-1	
Methyl-tert-butyl ether	**5.0**	ug/L	1.0	0.42	1		03/18/21 14:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 14:26	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 14:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 14:26	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 14:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 14:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 14:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 14:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 14:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 14:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 14:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 14:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 **Lab ID: 92527577018** Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 14:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 14:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 14:26	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 14:26	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 14:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 **Lab ID: 92527577019** Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 21:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:12	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 21:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:12	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 21:12	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 21:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 21:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 21:12	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 21:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:12	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 21:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 21:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 21:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 21:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 21:12	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:12	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 21:12	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:12	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 **Lab ID: 92527577019** Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 21:12	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:12	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 21:12	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 21:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 21:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:12	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:12	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-144		1	03/16/21 19:09	03/17/21 21:12	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	03/16/21 19:09	03/17/21 21:12	321-60-8	
Terphenyl-d14 (S)	116	%	34-163		1	03/16/21 19:09	03/17/21 21:12	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/16/21 19:09	03/17/21 21:12	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/16/21 19:09	03/17/21 21:12	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-144		1	03/16/21 19:09	03/17/21 21:12	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 11:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	116	%	67-170		1	03/16/21 11:20	03/18/21 11:17	4165-60-0	
2-Fluorobiphenyl (S)	112	%	61-163		1	03/16/21 11:20	03/18/21 11:17	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/16/21 11:20	03/18/21 11:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:04	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 **Lab ID: 92527577019** Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 18:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 18:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 18:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:04	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 **Lab ID: 92527577019** Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 18:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 18:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 18:04	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 18:04	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 18:04	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FD-01_WG_20210311 **Lab ID: 92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 21:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 21:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:37	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 21:37	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 21:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 21:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 21:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 21:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 21:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 21:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 21:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 21:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 21:37	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 21:37	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:37	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FD-01_WG_20210311 **Lab ID: 92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 21:37	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 21:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 21:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 21:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:37	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:37	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/16/21 19:09	03/17/21 21:37	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	03/16/21 19:09	03/17/21 21:37	321-60-8	
Terphenyl-d14 (S)	135	%	34-163		1	03/16/21 19:09	03/17/21 21:37	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/16/21 19:09	03/17/21 21:37	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/16/21 19:09	03/17/21 21:37	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-144		1	03/16/21 19:09	03/17/21 21:37	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 11:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	67-170		1	03/16/21 11:20	03/18/21 11:38	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-163		1	03/16/21 11:20	03/18/21 11:38	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/16/21 11:20	03/18/21 11:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:22	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FD-01_WG_20210311 **Lab ID: 92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 18:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 18:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 18:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:22	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FD-01_WG_20210311 **Lab ID: 92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 18:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 18:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 18:22	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/18/21 18:22	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 18:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-02_WG_20210311 **Lab ID: 92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/17/21 22:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 22:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/17/21 22:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 22:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 22:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/17/21 22:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/17/21 22:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 22:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/17/21 22:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/17/21 22:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/17/21 22:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 22:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 22:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 22:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 22:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 22:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/17/21 22:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 22:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/17/21 22:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/17/21 22:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/17/21 22:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/17/21 22:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 22:53	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/17/21 22:53	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 22:53	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-02_WG_20210311 **Lab ID: 92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/17/21 22:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 22:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/17/21 22:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/17/21 22:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/17/21 22:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 22:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 22:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 22:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	10-144		1	03/17/21 11:33	03/17/21 22:53	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/17/21 11:33	03/17/21 22:53	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	03/17/21 11:33	03/17/21 22:53	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	03/17/21 11:33	03/17/21 22:53	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/17/21 11:33	03/17/21 22:53	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-144		1	03/17/21 11:33	03/17/21 22:53	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 14:29	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	126	%	67-170		1	03/16/21 11:19	03/17/21 14:29	4165-60-0	
2-Fluorobiphenyl (S)	110	%	61-163		1	03/16/21 11:19	03/17/21 14:29	321-60-8	
Terphenyl-d14 (S)	105	%	62-169		1	03/16/21 11:19	03/17/21 14:29	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 13:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 13:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 13:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 13:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 13:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 13:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 13:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 13:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 13:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 13:49	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-02_WG_20210311 **Lab ID: 92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 13:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 13:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 13:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 13:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 13:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 13:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 13:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 13:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 13:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 13:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 13:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 13:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 13:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 13:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 13:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 13:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 13:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 13:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 13:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 13:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 13:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 13:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 13:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 13:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 13:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 13:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 13:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 13:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 13:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 13:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 13:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 13:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 13:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 13:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 13:49	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-02_WG_20210311 **Lab ID: 92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 13:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 13:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/18/21 13:49	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 13:49	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 13:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-03_WG_20210312 **Lab ID: 92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/17/21 23:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/17/21 23:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/17/21 23:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/17/21 23:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/17/21 23:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/17/21 23:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/17/21 23:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/17/21 23:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/17/21 23:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/17/21 23:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/17/21 23:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/17/21 23:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/17/21 23:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:19	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-03_WG_20210312 **Lab ID: 92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/17/21 23:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/17/21 23:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/17/21 23:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/17/21 23:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:19	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	10-144		1	03/17/21 11:33	03/17/21 23:19	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	03/17/21 11:33	03/17/21 23:19	321-60-8	
Terphenyl-d14 (S)	100	%	34-163		1	03/17/21 11:33	03/17/21 23:19	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	03/17/21 11:33	03/17/21 23:19	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	03/17/21 11:33	03/17/21 23:19	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-144		1	03/17/21 11:33	03/17/21 23:19	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 14:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	131	%	67-170		1	03/16/21 11:19	03/17/21 14:50	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/16/21 11:19	03/17/21 14:50	321-60-8	
Terphenyl-d14 (S)	100	%	62-169		1	03/16/21 11:19	03/17/21 14:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 14:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 14:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 14:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 14:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 14:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 14:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 14:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 14:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 14:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 14:08	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-03_WG_20210312 **Lab ID: 92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 14:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 14:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 14:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 14:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 14:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 14:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 14:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 14:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 14:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 14:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 14:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 14:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 14:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 14:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 14:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 14:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 14:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 14:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 14:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 14:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 14:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 14:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 14:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 14:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 14:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 14:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 14:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 14:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 14:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 14:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 14:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 14:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 14:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 14:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 14:08	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-03_WG_20210312 **Lab ID: 92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 14:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 14:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/18/21 14:08	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 14:08	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 14:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 **Lab ID: 92527577023** Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:09	7439-89-6	
Manganese	**314**	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:09	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:09	7439-89-6	
Manganese, Dissolved	**296**	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:09	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/17/21 23:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/17/21 23:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:44	207-08-9	
Benzoic Acid	**12.1J**	ug/L	50.0	3.4	1	03/17/21 11:33	03/17/21 23:44	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/17/21 23:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/17/21 23:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/17/21 23:44	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/17/21 23:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:44	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/17/21 23:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/17/21 23:44	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/17/21 23:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/17/21 23:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/17/21 23:44	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 **Lab ID: 92527577023** Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:44	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/17/21 23:44	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:44	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/17/21 23:44	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:44	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/17/21 23:44	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/17/21 23:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/17/21 23:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:44	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:44	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	10-144		1	03/17/21 11:33	03/17/21 23:44	4165-60-0	
2-Fluorobiphenyl (S)	45	%	10-130		1	03/17/21 11:33	03/17/21 23:44	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	03/17/21 11:33	03/17/21 23:44	1718-51-0	
Phenol-d6 (S)	25	%	10-130		1	03/17/21 11:33	03/17/21 23:44	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	03/17/21 11:33	03/17/21 23:44	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-144		1	03/17/21 11:33	03/17/21 23:44	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 15:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	142	%	67-170		1	03/16/21 11:19	03/17/21 15:55	4165-60-0	
2-Fluorobiphenyl (S)	115	%	61-163		1	03/16/21 11:19	03/17/21 15:55	321-60-8	
Terphenyl-d14 (S)	111	%	62-169		1	03/16/21 11:19	03/17/21 15:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 21:46	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 **Lab ID: 92527577023** Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 21:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 21:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 21:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 21:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 21:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 21:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 21:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 21:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 21:46	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 21:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 21:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 21:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 21:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 21:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 21:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 21:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 21:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 21:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 21:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 21:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 21:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 21:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 21:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 21:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 21:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 21:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 21:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 21:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 21:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 21:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 21:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 21:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 21:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 21:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 21:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 21:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 21:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 21:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 21:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 21:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 21:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 21:46	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 **Lab ID: 92527577023** Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 21:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 21:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 21:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 21:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 21:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 21:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 21:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 21:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 21:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 21:46	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 21:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 21:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 21:46	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 21:46	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 21:46	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:53	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**34.0**	mg/L	1.0	0.50	1		03/16/21 17:58	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**0.83J**	mg/L	1.0	0.50	1		03/21/21 16:08	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**160**	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:12	7439-89-6	
Manganese	**3.7J**	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:12	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:13	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:13	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/18/21 00:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/18/21 00:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:10	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/18/21 00:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/18/21 00:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/18/21 00:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/18/21 00:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/18/21 00:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/18/21 00:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/18/21 00:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/18/21 00:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/18/21 00:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/18/21 00:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:10	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/18/21 00:10	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:10	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/18/21 00:10	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/18/21 00:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/18/21 00:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/18/21 00:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:10	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	73	%	10-144		1	03/17/21 11:33	03/18/21 00:10	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	03/17/21 11:33	03/18/21 00:10	321-60-8	
Terphenyl-d14 (S)	117	%	34-163		1	03/17/21 11:33	03/18/21 00:10	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	03/17/21 11:33	03/18/21 00:10	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	03/17/21 11:33	03/18/21 00:10	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-144		1	03/17/21 11:33	03/18/21 00:10	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 16:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	115	%	67-170		1	03/16/21 11:19	03/17/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/16/21 11:19	03/17/21 16:17	321-60-8	
Terphenyl-d14 (S)	94	%	62-169		1	03/16/21 11:19	03/17/21 16:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:04	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:04	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:04	75-35-4	
cis-1,2-Dichloroethene	**0.55J**	ug/L	1.0	0.38	1		03/18/21 22:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 22:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:04	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 22:04	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 22:04	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/18/21 22:04	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:53	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**2.0**	mg/L	1.0	0.50	1		03/16/21 18:43	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/21/21 16:27	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-28_WG_20210311 **Lab ID: 92527577025** Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**539**	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:15	7439-89-6	
Manganese	**163**	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:15	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**445**	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:16	7439-89-6	
Manganese, Dissolved	**162**	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:16	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/18/21 00:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/18/21 00:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:35	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/18/21 00:35	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/18/21 00:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:35	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/18/21 00:35	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/18/21 00:35	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/18/21 00:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:35	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/18/21 00:35	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:35	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/18/21 00:35	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/18/21 00:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/18/21 00:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/18/21 00:35	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-28_WG_20210311 **Lab ID: 92527577025** Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:35	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/18/21 00:35	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:35	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/18/21 00:35	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:35	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/18/21 00:35	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/18/21 00:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/18/21 00:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:35	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:35	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	62	%	10-144		1	03/17/21 11:33	03/18/21 00:35	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	03/17/21 11:33	03/18/21 00:35	321-60-8	
Terphenyl-d14 (S)	94	%	34-163		1	03/17/21 11:33	03/18/21 00:35	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	03/17/21 11:33	03/18/21 00:35	13127-88-3	
2-Fluorophenol (S)	42	%	10-130		1	03/17/21 11:33	03/18/21 00:35	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-144		1	03/17/21 11:33	03/18/21 00:35	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 16:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	132	%	67-170		1	03/16/21 11:19	03/17/21 16:38	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-163		1	03/16/21 11:19	03/17/21 16:38	321-60-8	
Terphenyl-d14 (S)	111	%	62-169		1	03/16/21 11:19	03/17/21 16:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 14:44	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-28_WG_20210311 **Lab ID: 92527577025** Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 14:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 14:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 14:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 14:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 14:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 14:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 14:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 14:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 14:44	75-00-3	v2
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 14:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 14:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 14:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 14:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 14:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 14:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 14:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 14:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 14:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 14:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 14:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 14:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 14:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 14:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 14:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 14:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 14:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 14:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 14:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 14:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 14:44	108-10-1	
Methyl-tert-butyl ether	**1.1**	ug/L	1.0	0.42	1		03/18/21 14:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 14:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 14:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 14:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 14:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 14:44	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-28_WG_20210311 **Lab ID: 92527577025** Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 14:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 14:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 14:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 14:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 14:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 14:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 14:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 14:44	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 14:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 14:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 14:44	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 14:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 14:44	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:54	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**20.2**	mg/L	1.0	0.50	1		03/16/21 18:58	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/21/21 16:45	7440-44-0	M1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 **Lab ID: 92527577026** Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**836**	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:25	7439-89-6	
Manganese	**46.6**	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:25	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**379**	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:19	7439-89-6	
Manganese, Dissolved	**41.7**	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:19	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/18/21 01:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 01:00	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/18/21 01:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 01:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 01:00	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/18/21 01:00	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/18/21 01:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 01:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/18/21 01:00	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/18/21 01:00	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/18/21 01:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 01:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 01:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 01:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 01:00	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 01:00	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/18/21 01:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 01:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/18/21 01:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/18/21 01:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/18/21 01:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/18/21 01:00	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 **Lab ID: 92527577026** Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 01:00	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/18/21 01:00	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 01:00	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/18/21 01:00	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 01:00	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/18/21 01:00	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/18/21 01:00	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/18/21 01:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 01:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 01:00	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 01:00	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-144		1	03/17/21 11:33	03/18/21 01:00	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	03/17/21 11:33	03/18/21 01:00	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/17/21 11:33	03/18/21 01:00	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/17/21 11:33	03/18/21 01:00	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/17/21 11:33	03/18/21 01:00	367-12-4	
2,4,6-Tribromophenol (S)	120	%	10-144		1	03/17/21 11:33	03/18/21 01:00	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 17:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	71	%	67-170		1	03/16/21 11:19	03/17/21 17:00	4165-60-0	
2-Fluorobiphenyl (S)	77	%	61-163		1	03/16/21 11:19	03/17/21 17:00	321-60-8	
Terphenyl-d14 (S)	55	%	62-169		1	03/16/21 11:19	03/17/21 17:00	1718-51-0	S0
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:59	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 **Lab ID: 92527577026** Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:59	75-00-3	v2
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:59	108-20-3	
Ethylbenzene	**0.38J**	ug/L	1.0	0.30	1		03/18/21 18:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 18:59	1634-04-4	
Naphthalene	**2.3**	ug/L	1.0	0.64	1		03/18/21 18:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:59	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 **Lab ID: 92527577026** Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:59	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 18:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 18:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 18:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 18:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 18:59	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**1.6**	mg/L	0.50	0.25	5		03/16/21 03:55	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**12.3**	mg/L	1.0	0.50	1		03/16/21 19:13	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**22.2**	mg/L	1.0	0.50	1		03/21/21 17:36	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-03_WG_20210311 **Lab ID: 92527577027** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 13:31	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 13:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 13:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 13:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 13:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 13:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 13:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 13:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 13:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 13:31	75-00-3	v2
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 13:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 13:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 13:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 13:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 13:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 13:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 13:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 13:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 13:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 13:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 13:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 13:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 13:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 13:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 13:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 13:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 13:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 13:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 13:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 13:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 13:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 13:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 13:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 13:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 13:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 13:31	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-03_WG_20210311 **Lab ID: 92527577027** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 13:31	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 13:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 13:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 13:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 13:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 13:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 13:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 13:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 13:31	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 13:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 13:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/18/21 13:31	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/18/21 13:31	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 13:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-04_WG_20210311 **Lab ID: 92527577028** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 00:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 00:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 00:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 00:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 00:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 00:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 00:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 00:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 00:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 00:50	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 00:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 00:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 00:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 00:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 00:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 00:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 00:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 00:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 00:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 00:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 00:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 00:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 00:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 00:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 00:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 00:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 00:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 00:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 00:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 00:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 00:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 00:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 00:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 00:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 00:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 00:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 00:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 00:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 00:50	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 00:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 00:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 00:50	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-04_WG_20210311 **Lab ID: 92527577028** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 00:50	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 00:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 00:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 00:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 00:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 00:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 00:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 00:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 00:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 00:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 00:50	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 00:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 00:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/18/21 00:50	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/18/21 00:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 00:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-05_WG_20210312 **Lab ID: 92527577029** Collected: 03/12/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 01:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 01:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 01:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 01:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 01:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 01:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 01:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 01:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 01:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 01:08	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 01:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 01:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 01:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 01:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 01:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 01:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 01:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 01:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 01:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 01:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 01:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 01:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 01:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 01:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 01:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 01:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 01:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 01:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 01:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 01:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 01:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 01:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 01:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 01:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 01:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 01:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 01:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 01:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 01:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 01:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 01:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 01:08	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-05_WG_20210312 **Lab ID: 92527577029** Collected: 03/12/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 01:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 01:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 01:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 01:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 01:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 01:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 01:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 01:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 01:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 01:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 01:08	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 01:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 01:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/18/21 01:08	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/18/21 01:08	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 01:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 607050
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3198347 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/18/21 17:46	
Manganese	ug/L	ND	5.0	3.4	03/18/21 17:46	

LABORATORY CONTROL SAMPLE: 3198348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4950	99	80-120	
Manganese	ug/L	500	464	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198349 3198350

Parameter	Units	92527376006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	16200	5000	5000	14600	12600	-31	-72	75-125	15	20	M1
Manganese	ug/L	4840	500	500	5200	5210	72	73	75-125	0	20	M1

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606875
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3197241 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/17/21 01:40	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/17/21 01:40	

LABORATORY CONTROL SAMPLE: 3197242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4600	92	80-120	
Manganese, Dissolved	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197243 3197244

Parameter	Units	92527376006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	6570	5000	5000	10900	11000	87	89	75-125	1	20	
Manganese, Dissolved	ug/L	4700	500	500	5090	5110	78	82	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606959
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577001, 92527577002, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020, 92527577021, 92527577022, 92527577025, 92527577026, 92527577027

METHOD BLANK: 3197829
Matrix: Water
Associated Lab Samples: 92527577001, 92527577002, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020, 92527577021, 92527577022, 92527577025, 92527577026, 92527577027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 12:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 12:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 12:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 12:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 12:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 12:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 12:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 12:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 12:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 12:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 12:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 12:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 12:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 12:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 12:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 12:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 12:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 12:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 12:55	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 12:55	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 12:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 12:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 12:55	
Acetone	ug/L	ND	25.0	5.1	03/18/21 12:55	
Benzene	ug/L	ND	1.0	0.34	03/18/21 12:55	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 12:55	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 12:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 12:55	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 12:55	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 12:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 12:55	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 12:55	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 12:55	v2
Chloroform	ug/L	ND	5.0	1.6	03/18/21 12:55	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 12:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 12:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 12:55	

Results presented on this page are in 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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3197829 Matrix: Water

Associated Lab Samples: 92527577001, 92527577002, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020, 92527577021, 92527577022, 92527577025, 92527577026, 92527577027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 12:55	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 12:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 12:55	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 12:55	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 12:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 12:55	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 12:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 12:55	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 12:55	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 12:55	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 12:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 12:55	
Styrene	ug/L	ND	1.0	0.29	03/18/21 12:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 12:55	
Toluene	ug/L	ND	1.0	0.48	03/18/21 12:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 12:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 12:55	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 12:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 12:55	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 12:55	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 12:55	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 12:55	
1,2-Dichloroethane-d4 (S)	%	93	70-130		03/18/21 12:55	
4-Bromofluorobenzene (S)	%	100	70-130		03/18/21 12:55	
Toluene-d8 (S)	%	100	70-130		03/18/21 12:55	

LABORATORY CONTROL SAMPLE: 3197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.7	111	70-130	
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,2-Trichloroethane	ug/L	50	54.5	109	70-130	
1,1-Dichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethene	ug/L	50	49.6	99	70-130	
1,1-Dichloropropene	ug/L	50	52.3	105	70-130	
1,2,3-Trichlorobenzene	ug/L	50	58.0	116	70-130	
1,2,3-Trichloropropane	ug/L	50	50.9	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	56.5	113	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.5	117	70-130	
1,2-Dichlorobenzene	ug/L	50	55.0	110	70-130	
1,2-Dichloroethane	ug/L	50	51.5	103	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	53.2	106	70-130	
1,3-Dichlorobenzene	ug/L	50	55.0	110	70-130	
1,3-Dichloropropane	ug/L	50	54.4	109	70-130	
1,4-Dichlorobenzene	ug/L	50	53.1	106	70-130	
2,2-Dichloropropane	ug/L	50	56.0	112	70-130	
2-Butanone (MEK)	ug/L	100	105	105	70-130	
2-Chlorotoluene	ug/L	50	52.4	105	70-130	
2-Hexanone	ug/L	100	104	104	70-130	
4-Chlorotoluene	ug/L	50	51.8	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-130	
Acetone	ug/L	100	105	105	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromobenzene	ug/L	50	52.9	106	70-130	
Bromochloromethane	ug/L	50	53.5	107	70-130	
Bromodichloromethane	ug/L	50	50.5	101	70-130	
Bromoform	ug/L	50	60.7	121	70-130	
Bromomethane	ug/L	50	51.8	104	70-130	
Carbon tetrachloride	ug/L	50	53.2	106	70-130	
Chlorobenzene	ug/L	50	53.6	107	70-130	
Chloroethane	ug/L	50	35.2	70	70-130	v3
Chloroform	ug/L	50	50.8	102	70-130	
Chloromethane	ug/L	50	42.0	84	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.6	109	70-130	
Dibromochloromethane	ug/L	50	58.4	117	70-130	
Dibromomethane	ug/L	50	58.7	117	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	49.3	99	70-130	
Ethylbenzene	ug/L	50	52.3	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	56.7	113	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	46.9	94	70-130	
Naphthalene	ug/L	50	53.6	107	70-130	
o-Xylene	ug/L	50	52.5	105	70-130	
p-Isopropyltoluene	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	55.8	112	70-130	
Tetrachloroethene	ug/L	50	54.6	109	70-130	
Toluene	ug/L	50	52.3	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.8	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.9	110	70-130	
Trichloroethene	ug/L	50	56.1	112	70-130	
Trichlorofluoromethane	ug/L	50	40.4	81	70-130	
Vinyl acetate	ug/L	100	121	121	70-130	
Vinyl chloride	ug/L	50	44.5	89	70-130	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichloroethane-d4 (S)	%			86	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197843 3197844

Parameter	Units	92527577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.2	21.2	106	106	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.5	21.7	108	108	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.7	18.9	99	95	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.9	21.8	109	109	70-135	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.1	21.4	106	107	70-139	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.9	21.1	105	105	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.3	21.5	106	107	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.7	103	108	70-135	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.0	18.9	95	94	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.9	20.4	100	102	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.9	20.9	105	104	65-134	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.8	21.1	104	106	70-133	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.8	20.9	104	104	70-137	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.0	21.7	110	108	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.3	20.9	107	104	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.2	21.1	106	106	70-143	0	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.7	103	103	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	15.5	15.7	77	79	61-148	2	30	
2-Butanone (MEK)	ug/L	ND	40	40	39.9	39.3	100	98	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	20.8	20.8	104	104	70-144	0	30	
2-Hexanone	ug/L	ND	40	40	36.1	35.3	90	88	65-138	2	30	
4-Chlorotoluene	ug/L	ND	20	20	20.3	20.3	102	102	70-137	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.0	36.8	93	92	65-135	1	30	
Acetone	ug/L	ND	40	40	45.8	46.2	114	115	60-148	1	30	
Benzene	ug/L	12.4	20	20	36.8	35.2	122	114	70-151	4	30	
Bromobenzene	ug/L	ND	20	20	20.7	21.6	103	108	70-136	4	30	
Bromochloromethane	ug/L	ND	20	20	22.8	22.8	114	114	70-141	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.2	20.2	101	101	70-138	0	30	
Bromoform	ug/L	ND	20	20	21.1	20.5	106	103	63-130	3	30	
Bromomethane	ug/L	ND	20	20	22.1	22.6	111	113	15-152	2	30	
Carbon tetrachloride	ug/L	ND	20	20	22.0	22.5	110	112	70-143	2	30	
Chlorobenzene	ug/L	ND	20	20	21.8	21.4	109	107	70-138	2	30	
Chloroethane	ug/L	ND	20	20	17.1	16.8	86	84	52-163	2	30	v3
Chloroform	ug/L	ND	20	20	21.7	21.9	108	109	70-139	1	30	
Chloromethane	ug/L	ND	20	20	16.4	17.2	82	86	41-139	5	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.3	20.8	101	104	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.9	19.4	95	97	70-137	2	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197843 3197844

Parameter	Units	92527577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Dibromochloromethane	ug/L	ND	20	20	21.6	21.8	108	109	70-134	1	30	
Dibromomethane	ug/L	ND	20	20	23.7	23.3	119	116	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	16.2	16.9	81	84	47-155	4	30	
Diisopropyl ether	ug/L	ND	20	20	18.6	19.3	93	97	63-144	4	30	
Ethylbenzene	ug/L	ND	20	20	21.3	21.3	107	106	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.5	20.6	98	103	65-149	5	30	
m&p-Xylene	ug/L	1.1J	40	40	43.0	43.3	105	106	69-152	1	30	
Methyl-tert-butyl ether	ug/L	0.86J	20	20	20.4	20.8	98	100	54-156	2	30	
Methylene Chloride	ug/L	ND	20	20	19.7	19.8	98	99	42-159	1	30	
Naphthalene	ug/L	31.0	20	20	50.3	57.8	96	134	61-148	14	30	
o-Xylene	ug/L	ND	20	20	21.1	21.4	105	107	70-148	2	30	
p-Isopropyltoluene	ug/L	ND	20	20	19.9	20.2	99	101	70-146	2	30	
Styrene	ug/L	ND	20	20	21.6	21.9	108	109	70-135	1	30	
Tetrachloroethene	ug/L	ND	20	20	21.2	20.9	106	104	59-143	2	30	
Toluene	ug/L	ND	20	20	21.6	21.6	108	108	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.9	21.6	104	108	70-146	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.2	19.0	96	95	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	22.9	22.9	115	115	70-147	0	30	
Trichlorofluoromethane	ug/L	ND	20	20	17.9	17.6	90	88	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	27.1	27.2	68	68	49-151	0	30	
Vinyl chloride	ug/L	ND	20	20	18.5	19.1	93	95	70-156	3	30	
Xylene (Total)	ug/L	1.1	60	60	64.0	64.8	105	106	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130			
4-Bromofluorobenzene (S)	%						102	100	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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606965
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577003, 92527577004, 92527577005, 92527577023, 92527577024

METHOD BLANK: 3197860 Matrix: Water
Associated Lab Samples: 92527577003, 92527577004, 92527577005, 92527577023, 92527577024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 14:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 14:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 14:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 14:50	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 14:50	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 14:50	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 14:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 14:50	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 14:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 14:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 14:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 14:50	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 14:50	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 14:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 14:50	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 14:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 14:50	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 14:50	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 14:50	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 14:50	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 14:50	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 14:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 14:50	
Acetone	ug/L	ND	25.0	5.1	03/18/21 14:50	
Benzene	ug/L	ND	1.0	0.34	03/18/21 14:50	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 14:50	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 14:50	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 14:50	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 14:50	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 14:50	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 14:50	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 14:50	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 14:50	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 14:50	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 14:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 14:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 14:50	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 14:50	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 14:50	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 14:50	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3197860 Matrix: Water
Associated Lab Samples: 92527577003, 92527577004, 92527577005, 92527577023, 92527577024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 14:50	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 14:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 14:50	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 14:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 14:50	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 14:50	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 14:50	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 14:50	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 14:50	
Styrene	ug/L	ND	1.0	0.29	03/18/21 14:50	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 14:50	
Toluene	ug/L	ND	1.0	0.48	03/18/21 14:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 14:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 14:50	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 14:50	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 14:50	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 14:50	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 14:50	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 14:50	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/18/21 14:50	
4-Bromofluorobenzene (S)	%	100	70-130		03/18/21 14:50	
Toluene-d8 (S)	%	99	70-130		03/18/21 14:50	

LABORATORY CONTROL SAMPLE: 3197861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,1-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethene	ug/L	50	49.3	99	70-130	
1,1-Dichloropropene	ug/L	50	50.4	101	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	70-130	
1,2,3-Trichloropropane	ug/L	50	50.8	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.8	118	70-130	
1,2-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dichloroethane	ug/L	50	49.9	100	70-130	
1,2-Dichloropropane	ug/L	50	50.0	100	70-130	
1,3-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,3-Dichloropropane	ug/L	50	49.0	98	70-130	
1,4-Dichlorobenzene	ug/L	50	49.1	98	70-130	
2,2-Dichloropropane	ug/L	50	49.9	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	50.4	101	70-130	
2-Hexanone	ug/L	100	107	107	70-130	
4-Chlorotoluene	ug/L	50	49.3	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	111	111	70-130	
Benzene	ug/L	50	49.3	99	70-130	
Bromobenzene	ug/L	50	48.7	97	70-130	
Bromochloromethane	ug/L	50	49.6	99	70-130	
Bromodichloromethane	ug/L	50	45.7	91	70-130	
Bromoform	ug/L	50	52.9	106	70-130	
Bromomethane	ug/L	50	48.3	97	70-130	
Carbon tetrachloride	ug/L	50	49.3	99	70-130	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	44.6	89	70-130	
Chloroform	ug/L	50	49.2	98	70-130	
Chloromethane	ug/L	50	46.4	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	51.1	102	70-130	
Dibromomethane	ug/L	50	51.9	104	70-130	
Dichlorodifluoromethane	ug/L	50	41.0	82	70-130	
Diisopropyl ether	ug/L	50	48.2	96	70-130	
Ethylbenzene	ug/L	50	48.0	96	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	50.6	101	70-130	
Methylene Chloride	ug/L	50	47.8	96	70-130	
Naphthalene	ug/L	50	56.1	112	70-130	
o-Xylene	ug/L	50	48.0	96	70-130	
p-Isopropyltoluene	ug/L	50	49.9	100	70-130	
Styrene	ug/L	50	48.7	97	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
Toluene	ug/L	50	49.2	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	70-130	
Trichloroethene	ug/L	50	50.2	100	70-130	
Trichlorofluoromethane	ug/L	50	46.4	93	70-130	
Vinyl acetate	ug/L	100	113	113	70-130	
Vinyl chloride	ug/L	50	47.3	95	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			99	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197862 3197863

Parameter	Units	92527577005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.3	22.2	107	111	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.4	22.6	107	113	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	22.5	101	112	70-136	11	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	23.2	106	116	70-135	9	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.6	22.0	103	110	70-139	7	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.8	23.2	109	116	70-154	6	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.2	22.9	106	114	70-149	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.6	22.7	108	114	70-135	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.5	22.8	98	114	71-137	16	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.9	22.9	109	114	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.7	23.6	108	118	65-134	8	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	70-133	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.4	22.2	102	111	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.3	23.1	106	115	70-140	8	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.3	23.0	112	115	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.5	22.4	103	112	70-143	9	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.3	22.1	107	111	70-133	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.9	23.6	110	118	61-148	8	30	
2-Butanone (MEK)	ug/L	ND	40	40	38.7	46.2	97	116	60-139	18	30	
2-Chlorotoluene	ug/L	ND	20	20	22.1	23.2	110	116	70-144	5	30	
2-Hexanone	ug/L	ND	40	40	39.9	45.8	100	114	65-138	14	30	
4-Chlorotoluene	ug/L	ND	20	20	21.7	22.4	109	112	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.3	45.0	98	113	65-135	14	30	
Acetone	ug/L	ND	40	40	38.7	44.3	97	111	60-148	13	30	
Benzene	ug/L	ND	20	20	20.8	22.7	104	113	70-151	8	30	
Bromobenzene	ug/L	ND	20	20	21.7	22.7	108	114	70-136	5	30	
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	105	112	70-141	6	30	
Bromodichloromethane	ug/L	ND	20	20	19.2	20.3	96	102	70-138	6	30	
Bromoform	ug/L	ND	20	20	20.0	21.9	100	110	63-130	9	30	
Bromomethane	ug/L	ND	20	20	14.6	15.4	73	77	15-152	6	30	
Carbon tetrachloride	ug/L	ND	20	20	21.4	23.2	107	116	70-143	8	30	
Chlorobenzene	ug/L	ND	20	20	21.7	22.7	108	113	70-138	4	30	
Chloroethane	ug/L	ND	20	20	21.5	22.3	107	111	52-163	4	30	
Chloroform	ug/L	ND	20	20	20.8	22.2	104	111	70-139	6	30	
Chloromethane	ug/L	ND	20	20	14.6	16.5	73	82	41-139	12	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.4	21.9	102	109	70-141	7	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.0	22.4	105	112	70-137	7	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	22.1	105	111	70-134	5	30	
Dibromomethane	ug/L	ND	20	20	21.6	24.0	108	120	70-138	10	30	
Dichlorodifluoromethane	ug/L	ND	20	20	17.8	19.5	89	98	47-155	9	30	
Diisopropyl ether	ug/L	ND	20	20	19.5	21.2	98	106	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	21.2	22.6	106	113	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.3	23.1	117	116	65-149	1	30	
m&p-Xylene	ug/L	ND	40	40	43.2	45.1	108	113	69-152	4	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197862 3197863

Parameter	Units	92527577005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	0.63J	20	20	20.6	22.4	100	109	54-156	9	30	
Methylene Chloride	ug/L	ND	20	20	20.0	21.2	100	106	42-159	6	30	
Naphthalene	ug/L	ND	20	20	21.1	22.5	106	112	61-148	6	30	
o-Xylene	ug/L	ND	20	20	20.7	22.0	103	110	70-148	6	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.2	22.7	111	113	70-146	2	30	
Styrene	ug/L	ND	20	20	20.8	21.6	104	108	70-135	4	30	
Tetrachloroethene	ug/L	ND	20	20	22.0	23.2	110	116	59-143	5	30	
Toluene	ug/L	ND	20	20	21.1	22.5	105	113	59-148	7	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	22.8	106	114	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.3	22.3	102	112	70-135	9	30	
Trichloroethene	ug/L	ND	20	20	21.6	23.3	108	117	70-147	8	30	
Trichlorofluoromethane	ug/L	ND	20	20	21.0	22.2	105	111	70-148	6	30	
Vinyl acetate	ug/L	ND	40	40	42.9	46.9	107	117	49-151	9	30	
Vinyl chloride	ug/L	ND	20	20	19.8	20.5	99	102	70-156	3	30	
Xylene (Total)	ug/L	ND	60	60	63.8	67.1	106	112	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						99	98	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 607260
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577028, 92527577029

METHOD BLANK: 3199103 Matrix: Water
Associated Lab Samples: 92527577028, 92527577029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 00:32	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 00:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 00:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 00:32	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 00:32	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 00:32	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 00:32	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 00:32	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 00:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 00:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 00:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 00:32	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 00:32	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 00:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 00:32	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 00:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 00:32	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 00:32	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 00:32	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 00:32	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 00:32	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 00:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 00:32	
Acetone	ug/L	ND	25.0	5.1	03/18/21 00:32	
Benzene	ug/L	ND	1.0	0.34	03/18/21 00:32	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 00:32	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 00:32	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 00:32	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 00:32	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 00:32	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 00:32	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 00:32	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 00:32	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 00:32	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 00:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 00:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 00:32	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 00:32	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 00:32	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3199103 Matrix: Water
Associated Lab Samples: 92527577028, 92527577029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 00:32	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 00:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 00:32	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 00:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 00:32	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 00:32	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 00:32	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 00:32	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 00:32	
Styrene	ug/L	ND	1.0	0.29	03/18/21 00:32	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 00:32	
Toluene	ug/L	ND	1.0	0.48	03/18/21 00:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 00:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 00:32	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 00:32	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 00:32	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 00:32	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 00:32	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 00:32	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/18/21 00:32	
4-Bromofluorobenzene (S)	%	96	70-130		03/18/21 00:32	
Toluene-d8 (S)	%	100	70-130		03/18/21 00:32	

LABORATORY CONTROL SAMPLE: 3199104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.8	94	70-130	
1,1,1-Trichloroethane	ug/L	50	45.3	91	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.8	94	70-130	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1-Dichloroethane	ug/L	50	44.5	89	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	70-130	
1,1-Dichloropropene	ug/L	50	44.8	90	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.5	97	70-130	
1,2,3-Trichloropropane	ug/L	50	48.9	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.1	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	44.0	88	70-130	
1,2-Dichloropropane	ug/L	50	45.0	90	70-130	
1,3-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,3-Dichloropropane	ug/L	50	46.5	93	70-130	
1,4-Dichlorobenzene	ug/L	50	48.4	97	70-130	
2,2-Dichloropropane	ug/L	50	44.5	89	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3199104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	84.2	84	70-130	
2-Chlorotoluene	ug/L	50	45.9	92	70-130	
2-Hexanone	ug/L	100	92.2	92	70-130	
4-Chlorotoluene	ug/L	50	45.5	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.1	91	70-130	
Acetone	ug/L	100	99.6	100	70-130	
Benzene	ug/L	50	45.1	90	70-130	
Bromobenzene	ug/L	50	45.6	91	70-130	
Bromochloromethane	ug/L	50	47.3	95	70-130	
Bromodichloromethane	ug/L	50	43.4	87	70-130	
Bromoform	ug/L	50	47.8	96	70-130	
Bromomethane	ug/L	50	42.2	84	70-130	
Carbon tetrachloride	ug/L	50	46.3	93	70-130	
Chlorobenzene	ug/L	50	48.0	96	70-130	
Chloroethane	ug/L	50	42.5	85	70-130	
Chloroform	ug/L	50	46.4	93	70-130	
Chloromethane	ug/L	50	42.6	85	70-130	
cis-1,2-Dichloroethene	ug/L	50	43.9	88	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	70-130	
Dibromochloromethane	ug/L	50	47.9	96	70-130	
Dibromomethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	50.0	100	70-130	
Diisopropyl ether	ug/L	50	41.7	83	70-130	
Ethylbenzene	ug/L	50	46.6	93	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.8	94	70-130	
m&p-Xylene	ug/L	100	95.0	95	70-130	
Methyl-tert-butyl ether	ug/L	50	45.2	90	70-130	
Methylene Chloride	ug/L	50	42.9	86	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.0	94	70-130	
p-Isopropyltoluene	ug/L	50	47.0	94	70-130	
Styrene	ug/L	50	47.8	96	70-130	
Tetrachloroethene	ug/L	50	47.6	95	70-130	
Toluene	ug/L	50	46.5	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.6	93	70-130	
Trichloroethene	ug/L	50	47.4	95	70-130	
Trichlorofluoromethane	ug/L	50	46.9	94	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200548 3200549

Parameter	Units	92527568008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.8	21.1	99	105	73-134	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.3	21.4	96	107	82-143	11	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.1	20.4	96	102	70-136	7	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.0	21.1	100	105	70-135	5	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.0	20.6	95	103	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.8	22.4	104	112	70-154	8	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.7	21.5	98	107	70-149	9	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.7	21.6	98	108	70-135	10	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.5	21.0	98	105	71-137	7	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.0	22.0	100	110	73-140	10	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.8	21.5	99	107	65-134	8	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.6	21.3	98	106	70-133	8	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.7	92	99	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.5	20.7	97	104	70-140	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	21.6	99	108	70-135	9	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.4	20.8	97	104	70-143	7	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.9	21.8	100	109	70-133	9	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.7	22.1	103	110	61-148	7	30	
2-Butanone (MEK)	ug/L	ND	40	40	35.8	39.1	84	92	60-139	9	30	
2-Chlorotoluene	ug/L	ND	20	20	19.4	21.1	97	105	70-144	8	30	
2-Hexanone	ug/L	ND	40	40	37.2	40.3	93	101	65-138	8	30	
4-Chlorotoluene	ug/L	ND	20	20	18.8	20.5	94	102	70-137	9	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.4	40.6	93	101	65-135	8	30	
Acetone	ug/L	ND	40	40	40.4	44.8	101	112	60-148	10	30	
Benzene	ug/L	ND	20	20	19.7	21.0	99	105	70-151	6	30	
Bromobenzene	ug/L	ND	20	20	19.4	21.2	97	106	70-136	9	30	
Bromochloromethane	ug/L	ND	20	20	20.1	21.4	101	107	70-141	6	30	
Bromodichloromethane	ug/L	ND	20	20	18.7	19.9	94	99	70-138	6	30	
Bromoform	ug/L	ND	20	20	19.3	20.8	96	104	63-130	8	30	
Bromomethane	ug/L	ND	20	20	22.1	25.1	110	125	15-152	13	30	
Carbon tetrachloride	ug/L	ND	20	20	21.3	23.3	107	117	70-143	9	30	
Chlorobenzene	ug/L	ND	20	20	20.6	21.8	103	109	70-138	6	30	
Chloroethane	ug/L	ND	20	20	23.6	25.0	118	125	52-163	6	30	
Chloroform	ug/L	ND	20	20	18.9	20.2	95	101	70-139	6	30	
Chloromethane	ug/L	ND	20	20	19.3	19.5	96	97	41-139	1	30	
cis-1,2-Dichloroethene	ug/L	3.3	20	20	22.4	22.9	96	98	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.2	21.5	101	108	70-137	6	30	
Dibromochloromethane	ug/L	ND	20	20	19.9	21.2	100	106	70-134	6	30	
Dibromomethane	ug/L	ND	20	20	20.7	22.2	104	111	70-138	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.3	21.7	101	109	47-155	7	30	
Diisopropyl ether	ug/L	ND	20	20	17.1	18.6	86	93	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	20.2	21.4	101	107	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.3	22.9	106	114	65-149	7	30	
m&p-Xylene	ug/L	ND	40	40	41.0	43.4	103	108	69-152	6	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200548 3200549

Parameter	Units	92527568008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	18.5	20.1	92	100	54-156	8	30	
Methylene Chloride	ug/L	ND	20	20	18.2	19.2	91	96	42-159	5	30	
Naphthalene	ug/L	1.1	20	20	20.0	21.0	95	99	61-148	5	30	
o-Xylene	ug/L	ND	20	20	20.2	21.3	101	106	70-148	5	30	
p-Isopropyltoluene	ug/L	ND	20	20	20.6	22.5	103	113	70-146	9	30	
Styrene	ug/L	ND	20	20	19.2	20.6	96	103	70-135	7	30	
Tetrachloroethene	ug/L	ND	20	20	20.5	22.2	103	111	59-143	8	30	
Toluene	ug/L	ND	20	20	20.8	22.0	104	110	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.8	21.3	99	107	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.8	20.8	99	104	70-135	5	30	
Trichloroethene	ug/L	5.9	20	20	29.0	28.8	116	115	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.9	26.4	124	132	70-148	6	30	
Vinyl acetate	ug/L	ND	40	40	42.5	46.1	106	115	49-151	8	30	
Vinyl chloride	ug/L	ND	20	20	19.3	21.0	97	105	70-156	8	30	
Xylene (Total)	ug/L	ND	60	60	61.2	64.7	102	108	63-158	6	30	
1,2-Dichloroethane-d4 (S)	%						99	100	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						99	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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 607966
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577006, 92527577007

METHOD BLANK: 3202673 Matrix: Water
Associated Lab Samples: 92527577006, 92527577007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/19/21 13:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/19/21 13:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/19/21 13:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/19/21 13:02	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/19/21 13:02	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/19/21 13:02	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/19/21 13:02	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/19/21 13:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/19/21 13:02	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/19/21 13:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/19/21 13:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 13:02	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/19/21 13:02	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/19/21 13:02	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 13:02	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/19/21 13:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/19/21 13:02	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/19/21 13:02	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/19/21 13:02	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 13:02	
2-Hexanone	ug/L	ND	5.0	0.48	03/19/21 13:02	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 13:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/19/21 13:02	
Acetone	ug/L	ND	25.0	5.1	03/19/21 13:02	
Benzene	ug/L	ND	1.0	0.34	03/19/21 13:02	
Bromobenzene	ug/L	ND	1.0	0.29	03/19/21 13:02	
Bromochloromethane	ug/L	ND	1.0	0.47	03/19/21 13:02	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/19/21 13:02	
Bromoform	ug/L	ND	1.0	0.34	03/19/21 13:02	IK
Bromomethane	ug/L	ND	2.0	1.7	03/19/21 13:02	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/19/21 13:02	
Chlorobenzene	ug/L	ND	1.0	0.28	03/19/21 13:02	
Chloroethane	ug/L	ND	1.0	0.65	03/19/21 13:02	
Chloroform	ug/L	ND	5.0	1.6	03/19/21 13:02	
Chloromethane	ug/L	ND	1.0	0.54	03/19/21 13:02	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/19/21 13:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 13:02	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/19/21 13:02	
Dibromomethane	ug/L	ND	1.0	0.39	03/19/21 13:02	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/19/21 13:02	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3202673 Matrix: Water
Associated Lab Samples: 92527577006, 92527577007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/19/21 13:02	
Ethylbenzene	ug/L	ND	1.0	0.30	03/19/21 13:02	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/19/21 13:02	
m&p-Xylene	ug/L	ND	2.0	0.71	03/19/21 13:02	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/19/21 13:02	
Methylene Chloride	ug/L	ND	5.0	2.0	03/19/21 13:02	
Naphthalene	ug/L	ND	1.0	0.64	03/19/21 13:02	
o-Xylene	ug/L	ND	1.0	0.34	03/19/21 13:02	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/19/21 13:02	
Styrene	ug/L	ND	1.0	0.29	03/19/21 13:02	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/19/21 13:02	
Toluene	ug/L	ND	1.0	0.48	03/19/21 13:02	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/19/21 13:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 13:02	
Trichloroethene	ug/L	ND	1.0	0.38	03/19/21 13:02	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/19/21 13:02	
Vinyl acetate	ug/L	ND	2.0	1.3	03/19/21 13:02	
Vinyl chloride	ug/L	ND	1.0	0.39	03/19/21 13:02	
Xylene (Total)	ug/L	ND	1.0	0.34	03/19/21 13:02	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/19/21 13:02	
4-Bromofluorobenzene (S)	%	103	70-130		03/19/21 13:02	
Toluene-d8 (S)	%	103	70-130		03/19/21 13:02	

LABORATORY CONTROL SAMPLE: 3202674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	70-130	
1,1,1-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.6	103	70-130	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	50.1	100	70-130	
1,1-Dichloropropene	ug/L	50	50.1	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	70-130	
1,2,3-Trichloropropane	ug/L	50	51.9	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.9	104	70-130	
1,2-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	70-130	
1,2-Dichloropropane	ug/L	50	49.9	100	70-130	
1,3-Dichlorobenzene	ug/L	50	49.3	99	70-130	
1,3-Dichloropropane	ug/L	50	50.5	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.3	99	70-130	
2,2-Dichloropropane	ug/L	50	49.9	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3202674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	110	110	70-130	
2-Chlorotoluene	ug/L	50	49.8	100	70-130	
2-Hexanone	ug/L	100	108	108	70-130	
4-Chlorotoluene	ug/L	50	48.3	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	49.2	98	70-130	
Bromobenzene	ug/L	50	47.7	95	70-130	
Bromochloromethane	ug/L	50	50.7	101	70-130	
Bromodichloromethane	ug/L	50	50.3	101	70-130	
Bromoform	ug/L	50	40.7	81	70-130	IK
Bromomethane	ug/L	50	38.2	76	70-130	v3
Carbon tetrachloride	ug/L	50	50.6	101	70-130	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	44.0	88	70-130	
Chloroform	ug/L	50	48.8	98	70-130	
Chloromethane	ug/L	50	35.2	70	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	47.1	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	70-130	
Dibromochloromethane	ug/L	50	50.8	102	70-130	
Dibromomethane	ug/L	50	52.3	105	70-130	
Dichlorodifluoromethane	ug/L	50	43.2	86	70-130	
Diisopropyl ether	ug/L	50	47.3	95	70-130	
Ethylbenzene	ug/L	50	48.6	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.7	97	70-130	
m&p-Xylene	ug/L	100	98.2	98	70-130	
Methyl-tert-butyl ether	ug/L	50	48.3	97	70-130	
Methylene Chloride	ug/L	50	45.6	91	70-130	
Naphthalene	ug/L	50	51.6	103	70-130	
o-Xylene	ug/L	50	49.3	99	70-130	
p-Isopropyltoluene	ug/L	50	51.0	102	70-130	
Styrene	ug/L	50	50.0	100	70-130	
Tetrachloroethene	ug/L	50	49.4	99	70-130	
Toluene	ug/L	50	50.8	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Trichlorofluoromethane	ug/L	50	45.1	90	70-130	
Vinyl acetate	ug/L	100	119	119	70-130	
Vinyl chloride	ug/L	50	40.9	82	70-130	
Xylene (Total)	ug/L	150	148	98	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202675 3202676

Parameter	Units	92527576003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.3	18.9	107	94	73-134	12	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.2	19.1	106	95	82-143	10	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.8	18.0	99	90	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	19.0	106	95	70-135	11	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.4	18.5	102	92	70-139	10	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	19.7	108	99	70-154	9	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.3	19.3	106	97	70-149	10	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	19.0	106	95	70-135	11	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.8	18.4	99	92	71-137	7	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	19.5	106	97	73-140	8	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.6	18.1	108	90	65-134	18	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.0	19.1	105	95	70-133	10	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.7	18.3	103	92	70-137	12	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.3	18.7	106	93	70-140	13	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.0	19.7	105	98	70-135	7	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.0	18.5	100	93	70-143	8	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.5	18.7	102	94	70-133	9	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.2	19.9	111	99	61-148	11	30	
2-Butanone (MEK)	ug/L	ND	40	40	42.4	36.7	106	92	60-139	15	30	
2-Chlorotoluene	ug/L	ND	20	20	21.6	19.7	108	99	70-144	9	30	
2-Hexanone	ug/L	ND	40	40	40.7	36.3	102	91	65-138	11	30	
4-Chlorotoluene	ug/L	ND	20	20	21.0	19.3	105	97	70-137	8	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40.5	35.6	101	89	65-135	13	30	
Acetone	ug/L	ND	40	40	42.8	36.4	107	91	60-148	16	30	
Benzene	ug/L	ND	20	20	21.3	19.2	106	96	70-151	10	30	
Bromobenzene	ug/L	ND	20	20	21.0	18.9	105	95	70-136	10	30	
Bromochloromethane	ug/L	ND	20	20	21.6	18.7	108	93	70-141	14	30	
Bromodichloromethane	ug/L	ND	20	20	19.5	17.0	98	85	70-138	14	30	
Bromoform	ug/L	ND	20	20	18.3	17.2	92	86	63-130	7	30	
Bromomethane	ug/L	ND	20	20	19.5	16.3	97	82	15-152	18	30	v3
Carbon tetrachloride	ug/L	ND	20	20	21.8	19.6	109	98	70-143	11	30	
Chlorobenzene	ug/L	ND	20	20	20.8	19.5	104	97	70-138	7	30	
Chloroethane	ug/L	ND	20	20	20.8	20.3	104	102	52-163	3	30	
Chloroform	ug/L	ND	20	20	20.8	18.7	104	94	70-139	10	30	
Chloromethane	ug/L	ND	20	20	15.2	13.7	76	68	41-139	11	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.4	18.3	102	92	70-141	11	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.7	18.0	103	90	70-137	13	30	
Dibromochloromethane	ug/L	ND	20	20	20.4	18.0	102	90	70-134	13	30	
Dibromomethane	ug/L	ND	20	20	22.0	19.8	110	99	70-138	11	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	16.4	92	82	47-155	12	30	
Diisopropyl ether	ug/L	ND	20	20	19.7	17.5	99	87	63-144	12	30	
Ethylbenzene	ug/L	ND	20	20	20.5	19.3	103	96	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.3	19.9	111	99	65-149	11	30	
m&p-Xylene	ug/L	ND	40	40	41.3	38.3	103	96	69-152	7	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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202675 3202676

Parameter	Units	92527576003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.2	18.2	101	91	54-156	10	30	
Methylene Chloride	ug/L	ND	20	20	19.9	17.9	100	90	42-159	10	30	
Naphthalene	ug/L	ND	20	20	21.3	19.0	107	95	61-148	11	30	
o-Xylene	ug/L	ND	20	20	20.6	18.8	103	94	70-148	9	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.3	19.7	106	98	70-146	8	30	
Styrene	ug/L	ND	20	20	20.8	18.6	104	93	70-135	11	30	
Tetrachloroethene	ug/L	ND	20	20	21.0	19.9	105	99	59-143	6	30	
Toluene	ug/L	ND	20	20	21.5	19.2	107	96	59-148	11	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	18.8	106	94	70-146	12	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.6	18.1	103	90	70-135	13	30	
Trichloroethene	ug/L	ND	20	20	21.7	19.4	109	97	70-147	11	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.7	18.9	104	94	70-148	9	30	
Vinyl acetate	ug/L	ND	40	40	44.8	39.8	112	99	49-151	12	30	
Vinyl chloride	ug/L	ND	20	20	19.3	17.7	97	89	70-156	9	30	
Xylene (Total)	ug/L	ND	60	60	61.9	57.2	103	95	63-158	8	30	
1,2-Dichloroethane-d4 (S)	%						97	97	70-130			
4-Bromofluorobenzene (S)	%						96	101	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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606974
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

METHOD BLANK: 3197928
Matrix: Water
Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/17/21 10:10	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/17/21 10:10	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/17/21 10:10	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/17/21 10:10	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/17/21 10:10	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/17/21 10:10	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/17/21 10:10	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/17/21 10:10	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/17/21 10:10	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/17/21 10:10	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/17/21 10:10	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/17/21 10:10	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/17/21 10:10	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/17/21 10:10	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/17/21 10:10	v1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/17/21 10:10	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/17/21 10:10	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/17/21 10:10	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/17/21 10:10	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/17/21 10:10	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/17/21 10:10	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/17/21 10:10	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/17/21 10:10	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/17/21 10:10	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/17/21 10:10	
Acenaphthene	ug/L	ND	10.0	2.0	03/17/21 10:10	
Acenaphthylene	ug/L	ND	10.0	2.0	03/17/21 10:10	
Aniline	ug/L	ND	10.0	1.6	03/17/21 10:10	
Anthracene	ug/L	ND	10.0	2.3	03/17/21 10:10	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/17/21 10:10	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/17/21 10:10	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/17/21 10:10	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/17/21 10:10	
Benzoic Acid	ug/L	ND	50.0	3.4	03/17/21 10:10	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/17/21 10:10	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/17/21 10:10	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/17/21 10:10	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3197928 Matrix: Water

Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/17/21 10:10	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/17/21 10:10	
Chrysene	ug/L	ND	10.0	2.8	03/17/21 10:10	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/17/21 10:10	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/17/21 10:10	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/17/21 10:10	
Dibenzofuran	ug/L	ND	10.0	2.1	03/17/21 10:10	
Diethylphthalate	ug/L	ND	10.0	2.0	03/17/21 10:10	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/17/21 10:10	
Fluoranthene	ug/L	ND	10.0	2.2	03/17/21 10:10	
Fluorene	ug/L	ND	10.0	2.1	03/17/21 10:10	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/17/21 10:10	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/17/21 10:10	
Hexachloroethane	ug/L	ND	10.0	1.4	03/17/21 10:10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/17/21 10:10	
Isophorone	ug/L	ND	10.0	1.7	03/17/21 10:10	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/17/21 10:10	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/17/21 10:10	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/17/21 10:10	
Nitrobenzene	ug/L	ND	10.0	1.9	03/17/21 10:10	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/17/21 10:10	
Phenanthrene	ug/L	ND	10.0	2.0	03/17/21 10:10	
Phenol	ug/L	ND	10.0	1.4	03/17/21 10:10	
Pyrene	ug/L	ND	10.0	2.2	03/17/21 10:10	
2,4,6-Tribromophenol (S)	%	80	10-144		03/17/21 10:10	
2-Fluorobiphenyl (S)	%	70	10-130		03/17/21 10:10	
2-Fluorophenol (S)	%	60	10-130		03/17/21 10:10	
Nitrobenzene-d5 (S)	%	84	10-144		03/17/21 10:10	
Phenol-d6 (S)	%	44	10-130		03/17/21 10:10	
Terphenyl-d14 (S)	%	101	34-163		03/17/21 10:10	

LABORATORY CONTROL SAMPLE: 3197929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	31.7	63	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	36.6	73	28-130	
2,4,5-Trichlorophenol	ug/L	50	41.6	83	35-130	
2,4,6-Trichlorophenol	ug/L	50	40.4	81	31-130	
2,4-Dichlorophenol	ug/L	50	38.3	77	35-130	
2,4-Dimethylphenol	ug/L	50	40.5	81	34-130	
2,4-Dinitrophenol	ug/L	250	209	84	10-153	
2,4-Dinitrotoluene	ug/L	50	38.1	76	37-136	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	44.8	90	33-136	
2-Chloronaphthalene	ug/L	50	30.3	61	26-130	
2-Chlorophenol	ug/L	50	35.8	72	37-130	
2-Methylnaphthalene	ug/L	50	31.2	62	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.5	71	35-130	
2-Nitroaniline	ug/L	100	80.3	80	37-130	
2-Nitrophenol	ug/L	50	46.8	94	32-130	v1
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.7	67	34-130	
3,3'-Dichlorobenzidine	ug/L	100	93.9	94	34-136	
3-Nitroaniline	ug/L	100	76.4	76	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	85.1	85	21-157	
4-Bromophenylphenyl ether	ug/L	50	39.5	79	38-130	
4-Chloro-3-methylphenol	ug/L	100	83.2	83	37-130	
4-Chloroaniline	ug/L	100	69.3	69	38-130	
4-Chlorophenylphenyl ether	ug/L	50	35.3	71	33-130	
4-Nitroaniline	ug/L	100	90.6	91	42-137	
4-Nitrophenol	ug/L	250	133	53	10-130	
Acenaphthene	ug/L	50	35.1	70	33-130	
Acenaphthylene	ug/L	50	36.7	73	35-130	
Aniline	ug/L	50	29.0	58	22-130	
Anthracene	ug/L	50	42.3	85	48-130	
Benzo(a)anthracene	ug/L	50	45.2	90	48-137	
Benzo(b)fluoranthene	ug/L	50	44.7	89	52-138	
Benzo(g,h,i)perylene	ug/L	50	44.8	90	48-140	
Benzo(k)fluoranthene	ug/L	50	42.8	86	48-139	
Benzoic Acid	ug/L	250	131	52	10-130	
Benzyl alcohol	ug/L	100	72.5	73	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	37.9	76	34-130	
bis(2-Chloroethyl) ether	ug/L	50	41.9	84	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.1	94	32-165	
Butylbenzylphthalate	ug/L	50	43.6	87	34-161	
Chrysene	ug/L	50	42.6	85	47-131	
Di-n-butylphthalate	ug/L	50	50.0	100	39-144	
Di-n-octylphthalate	ug/L	50	47.4	95	30-170	
Dibenz(a,h)anthracene	ug/L	50	45.7	91	49-138	
Dibenzofuran	ug/L	50	36.8	74	33-130	
Diethylphthalate	ug/L	50	41.9	84	38-131	
Dimethylphthalate	ug/L	50	39.3	79	37-130	
Fluoranthene	ug/L	50	44.1	88	46-137	
Fluorene	ug/L	50	37.9	76	37-130	
Hexachlorobenzene	ug/L	50	37.5	75	38-130	
Hexachlorocyclopentadiene	ug/L	50	22.6	45	10-130	
Hexachloroethane	ug/L	50	24.1	48	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	46.2	92	41-130	
Isophorone	ug/L	50	40.8	82	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.0	84	36-130	
N-Nitrosodimethylamine	ug/L	50	34.1	68	34-130	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	39.1	78	37-130	
Nitrobenzene	ug/L	50	40.2	80	36-130	
Pentachlorophenol	ug/L	100	73.3	73	23-149	
Phenanthrene	ug/L	50	40.0	80	44-130	
Phenol	ug/L	50	23.9	48	18-130	
Pyrene	ug/L	50	40.8	82	47-134	
2,4,6-Tribromophenol (S)	%			105	10-144	
2-Fluorobiphenyl (S)	%			67	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			83	10-144	
Phenol-d6 (S)	%			48	10-130	
Terphenyl-d14 (S)	%			105	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197930 3197931

Parameter	Units	92527577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	3.4J	50	50	41.9	37.8	77	69	10-130	10	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	42.9	39.9	86	80	12-142	7	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	45.2	40.9	90	82	10-143	10	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	43.3	36.0	87	72	10-147	19	30	
2,4-Dichlorophenol	ug/L	ND	50	50	44.0	40.7	88	81	10-138	8	30	
2,4-Dimethylphenol	ug/L	ND	50	50	45.7	43.3	91	87	25-130	6	30	
2,4-Dinitrophenol	ug/L	ND	250	250	188	86.4	75	35	10-165	74	30	R1
2,4-Dinitrotoluene	ug/L	ND	50	50	43.3	38.2	87	76	29-148	13	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	49.5	43.9	99	88	26-146	12	30	
2-Chloronaphthalene	ug/L	ND	50	50	33.7	30.9	67	62	11-130	9	30	
2-Chlorophenol	ug/L	ND	50	50	41.1	38.9	82	78	10-133	6	30	
2-Methylnaphthalene	ug/L	ND	50	50	37.6	34.3	75	69	13-130	9	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	40.6	39.3	81	79	20-130	3	30	
2-Nitroaniline	ug/L	ND	100	100	89.5	82.2	90	82	24-136	9	30	
2-Nitrophenol	ug/L	ND	50	50	53.9	50.3	108	101	10-153	7	30	v1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	38.2	35.4	76	71	16-130	8	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	98.0	95.3	98	95	10-153	3	30	
3-Nitroaniline	ug/L	ND	100	100	85.2	80.7	85	81	22-151	5	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	93.1	64.3	93	64	10-180	37	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	42.9	40.1	86	80	25-130	7	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	99.2	90.5	99	91	25-133	9	30	
4-Chloroaniline	ug/L	ND	100	100	84.1	77.5	84	78	14-132	8	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	39.9	35.1	80	70	19-130	13	30	
4-Nitroaniline	ug/L	ND	100	100	97.2	92.7	97	93	29-150	5	30	
4-Nitrophenol	ug/L	ND	250	250	139	94.7	55	38	10-130	38	30	R1
Acenaphthene	ug/L	ND	50	50	40.9	37.0	79	71	16-130	10	30	
Acenaphthylene	ug/L	ND	50	50	41.0	37.2	82	74	15-137	10	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197930 3197931

Parameter	Units	92527577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	50	50	29.9	32.5	60	65	10-130	8	30	
Anthracene	ug/L	ND	50	50	45.5	42.4	91	85	37-136	7	30	
Benzo(a)anthracene	ug/L	ND	50	50	48.8	46.1	98	92	40-145	6	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	48.0	45.6	96	91	39-151	5	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	47.2	45.8	94	92	40-147	3	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	47.0	43.9	94	88	40-146	7	30	
Benzoic Acid	ug/L	ND	250	250	70.9	26.7J	28	11	10-130		30	
Benzyl alcohol	ug/L	ND	100	100	84.5	78.1	84	78	25-130	8	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	45.9	41.7	92	83	23-130	10	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	49.2	46.9	98	94	25-130	5	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	46.5	44.4	88	84	28-166	5	30	
Butylbenzylphthalate	ug/L	ND	50	50	45.8	43.8	92	88	33-165	4	30	
Chrysene	ug/L	ND	50	50	46.2	43.4	92	87	38-141	6	30	
Di-n-butylphthalate	ug/L	ND	50	50	49.5	47.2	99	94	32-153	5	30	
Di-n-octylphthalate	ug/L	ND	50	50	48.6	46.7	97	93	30-175	4	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	48.4	46.4	97	93	39-148	4	30	
Dibenzofuran	ug/L	ND	50	50	41.1	36.7	82	73	20-130	11	30	
Diethylphthalate	ug/L	ND	50	50	45.5	41.3	91	83	28-142	10	30	
Dimethylphthalate	ug/L	ND	50	50	43.2	39.2	86	78	26-136	10	30	
Fluoranthene	ug/L	ND	50	50	47.4	45.3	95	91	39-143	4	30	
Fluorene	ug/L	ND	50	50	43.3	38.6	87	77	24-132	12	30	
Hexachlorobenzene	ug/L	ND	50	50	40.1	38.3	80	77	29-130	5	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	23.8	22.2	48	44	10-130	7	30	
Hexachloroethane	ug/L	ND	50	50	29.0	27.7	58	55	10-130	5	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	49.0	47.2	98	94	39-148	4	30	
Isophorone	ug/L	ND	50	50	48.6	44.0	97	88	23-130	10	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	50.2	44.6	100	89	25-130	12	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	39.0	37.5	78	75	22-130	4	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	42.7	40.6	85	81	26-134	5	30	
Nitrobenzene	ug/L	ND	50	50	45.9	44.1	92	88	25-130	4	30	
Pentachlorophenol	ug/L	ND	100	100	79.9	56.6	80	57	10-175	34	30	R1
Phenanthrene	ug/L	ND	50	50	43.3	40.4	87	81	36-133	7	30	
Phenol	ug/L	ND	50	50	26.0	25.8	52	52	10-130	1	30	
Pyrene	ug/L	ND	50	50	45.3	41.6	91	83	40-143	8	30	
2,4,6-Tribromophenol (S)	%						109	100	10-144			
2-Fluorobiphenyl (S)	%						74	68	10-130			
2-Fluorophenol (S)	%						64	60	10-130			
Nitrobenzene-d5 (S)	%						94	89	10-144			
Phenol-d6 (S)	%						51	49	10-130			
Terphenyl-d14 (S)	%						113	103	34-163			

Results presented on this page are in 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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 607096
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3198459 Matrix: Water
Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/17/21 22:03	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/17/21 22:03	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/17/21 22:03	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/17/21 22:03	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/17/21 22:03	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/17/21 22:03	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/17/21 22:03	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/17/21 22:03	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/17/21 22:03	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/17/21 22:03	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/17/21 22:03	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/17/21 22:03	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/17/21 22:03	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/17/21 22:03	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/17/21 22:03	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/17/21 22:03	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/17/21 22:03	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/17/21 22:03	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/17/21 22:03	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/17/21 22:03	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/17/21 22:03	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/17/21 22:03	
Acenaphthene	ug/L	ND	10.0	2.0	03/17/21 22:03	
Acenaphthylene	ug/L	ND	10.0	2.0	03/17/21 22:03	
Aniline	ug/L	ND	10.0	1.6	03/17/21 22:03	
Anthracene	ug/L	ND	10.0	2.3	03/17/21 22:03	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/17/21 22:03	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/17/21 22:03	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/17/21 22:03	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/17/21 22:03	
Benzoic Acid	ug/L	ND	50.0	3.4	03/17/21 22:03	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/17/21 22:03	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/17/21 22:03	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/17/21 22:03	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/17/21 22:03	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/17/21 22:03	
Chrysene	ug/L	ND	10.0	2.8	03/17/21 22:03	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3198459 Matrix: Water
Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/17/21 22:03	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/17/21 22:03	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/17/21 22:03	
Dibenzofuran	ug/L	ND	10.0	2.1	03/17/21 22:03	
Diethylphthalate	ug/L	ND	10.0	2.0	03/17/21 22:03	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/17/21 22:03	
Fluoranthene	ug/L	ND	10.0	2.2	03/17/21 22:03	
Fluorene	ug/L	ND	10.0	2.1	03/17/21 22:03	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/17/21 22:03	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/17/21 22:03	
Hexachloroethane	ug/L	ND	10.0	1.4	03/17/21 22:03	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/17/21 22:03	
Isophorone	ug/L	ND	10.0	1.7	03/17/21 22:03	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/17/21 22:03	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/17/21 22:03	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/17/21 22:03	
Nitrobenzene	ug/L	ND	10.0	1.9	03/17/21 22:03	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/17/21 22:03	
Phenanthrene	ug/L	ND	10.0	2.0	03/17/21 22:03	
Phenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
Pyrene	ug/L	ND	10.0	2.2	03/17/21 22:03	
2,4,6-Tribromophenol (S)	%	101	10-144		03/17/21 22:03	
2-Fluorobiphenyl (S)	%	89	10-130		03/17/21 22:03	
2-Fluorophenol (S)	%	65	10-130		03/17/21 22:03	
Nitrobenzene-d5 (S)	%	91	10-144		03/17/21 22:03	
Phenol-d6 (S)	%	48	10-130		03/17/21 22:03	
Terphenyl-d14 (S)	%	135	34-163		03/17/21 22:03	

LABORATORY CONTROL SAMPLE: 3198460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	37.5	75	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.1	94	28-130	
2,4,5-Trichlorophenol	ug/L	50	51.9	104	35-130	
2,4,6-Trichlorophenol	ug/L	50	49.3	99	31-130	
2,4-Dichlorophenol	ug/L	50	48.9	98	35-130	
2,4-Dimethylphenol	ug/L	50	44.5	89	34-130	
2,4-Dinitrophenol	ug/L	250	254	102	10-153	
2,4-Dinitrotoluene	ug/L	50	54.8	110	37-136	
2,6-Dinitrotoluene	ug/L	50	54.8	110	33-136	
2-Chloronaphthalene	ug/L	50	40.3	81	26-130	
2-Chlorophenol	ug/L	50	48.6	97	37-130	
2-Methylnaphthalene	ug/L	50	37.2	74	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	43.8	88	35-130	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3198460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	105	105	37-130	
2-Nitrophenol	ug/L	50	50.4	101	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.6	83	34-130	
3,3'-Dichlorobenzidine	ug/L	100	84.3	84	34-136	
3-Nitroaniline	ug/L	100	105	105	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	114	114	21-157	
4-Bromophenylphenyl ether	ug/L	50	57.0	114	38-130	
4-Chloro-3-methylphenol	ug/L	100	94.4	94	37-130	
4-Chloroaniline	ug/L	100	89.1	89	38-130	
4-Chlorophenylphenyl ether	ug/L	50	48.3	97	33-130	
4-Nitroaniline	ug/L	100	110	110	42-137	
4-Nitrophenol	ug/L	250	146	58	10-130	
Acenaphthene	ug/L	50	45.7	91	33-130	
Acenaphthylene	ug/L	50	47.8	96	35-130	
Aniline	ug/L	50	37.8	76	22-130	
Anthracene	ug/L	50	55.6	111	48-130	
Benzo(a)anthracene	ug/L	50	59.5	119	48-137	
Benzo(b)fluoranthene	ug/L	50	60.1	120	52-138	
Benzo(g,h,i)perylene	ug/L	50	57.2	114	48-140	
Benzo(k)fluoranthene	ug/L	50	58.0	116	48-139	
Benzoic Acid	ug/L	250	102	41	10-130	
Benzyl alcohol	ug/L	100	98.2	98	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	50.9	102	34-130	
bis(2-Chloroethyl) ether	ug/L	50	54.9	110	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	62.2	124	32-165	
Butylbenzylphthalate	ug/L	50	62.2	124	34-161	
Chrysene	ug/L	50	58.3	117	47-131	
Di-n-butylphthalate	ug/L	50	57.7	115	39-144	
Di-n-octylphthalate	ug/L	50	55.8	112	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.3	117	49-138	
Dibenzofuran	ug/L	50	49.4	99	33-130	
Diethylphthalate	ug/L	50	52.6	105	38-131	
Dimethylphthalate	ug/L	50	52.3	105	37-130	
Fluoranthene	ug/L	50	57.4	115	46-137	
Fluorene	ug/L	50	51.2	102	37-130	
Hexachlorobenzene	ug/L	50	53.3	107	38-130	
Hexachlorocyclopentadiene	ug/L	50	29.1	58	10-130	
Hexachloroethane	ug/L	50	32.4	65	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.2	116	41-130	
Isophorone	ug/L	50	49.1	98	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	53.6	107	36-130	
N-Nitrosodimethylamine	ug/L	50	43.8	88	34-130	
N-Nitrosodiphenylamine	ug/L	50	44.6	89	37-130	
Nitrobenzene	ug/L	50	48.3	97	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	55.0	110	44-130	
Phenol	ug/L	50	27.0	54	18-130	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3198460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	60.0	120	47-134	
2,4,6-Tribromophenol (S)	%			128	10-144	
2-Fluorobiphenyl (S)	%			104	10-130	
2-Fluorophenol (S)	%			77	10-130	
Nitrobenzene-d5 (S)	%			110	10-144	
Phenol-d6 (S)	%			58	10-130	
Terphenyl-d14 (S)	%			152	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198461 3198462

Parameter	Units	92523431009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	50	50	33.2	40.4	66	81	10-130	20	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	35.2	39.6	70	79	12-142	12	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	1.9J	4.5J	4	9	10-143		30	M1
2,4,6-Trichlorophenol	ug/L	ND	50	50	ND	2.3J	2	5	10-147		30	M1
2,4-Dichlorophenol	ug/L	ND	50	50	2.2J	7.0J	4	14	10-138		30	M1
2,4-Dimethylphenol	ug/L	ND	50	50	35.8	53.0	72	106	25-130	39	30	R1
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	8	0	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	39.5	46.1	79	92	29-148	15	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	42.7	47.6	85	95	26-146	11	30	
2-Chloronaphthalene	ug/L	ND	50	50	33.2	40.2	66	80	11-130	19	30	
2-Chlorophenol	ug/L	ND	50	50	2.3J	6.7J	5	13	10-133		30	M1
2-Methylnaphthalene	ug/L	ND	50	50	32.9	39.9	66	80	13-130	19	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	19.2	40.6	38	81	20-130	71	30	R1
2-Nitroaniline	ug/L	ND	100	100	89.7	95.9	90	96	24-136	7	30	
2-Nitrophenol	ug/L	ND	50	50	ND	ND	0	0	10-153		30	M1,v1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	23.9	49.0	36	86	16-130	69	30	R1
3,3'-Dichlorobenzidine	ug/L	ND	100	100	84.4	92.7	84	93	10-153	9	30	
3-Nitroaniline	ug/L	ND	100	100	83.2	92.1	83	92	22-151	10	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	11.7J	12.1J	12	12	10-180		30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	46.2	50.7	92	101	25-130	9	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	36.4	76.7	36	77	25-133	71	30	R1
4-Chloroaniline	ug/L	ND	100	100	67.9	79.3	68	79	14-132	15	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	38.7	45.2	77	90	19-130	15	30	
4-Nitroaniline	ug/L	ND	100	100	90.1	97.2	90	97	29-150	8	30	
4-Nitrophenol	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	36.9	44.4	74	89	16-130	18	30	
Acenaphthylene	ug/L	ND	50	50	38.3	45.8	77	92	15-137	18	30	
Aniline	ug/L	ND	50	50	26.6	30.3	53	61	10-130	13	30	
Anthracene	ug/L	ND	50	50	47.6	51.8	95	104	37-136	8	30	
Benzo(a)anthracene	ug/L	ND	50	50	52.1	55.2	104	110	40-145	6	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	48.7	50.1	97	100	39-151	3	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	51.0	52.6	102	105	40-147	3	30	

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198461 3198462

Parameter	Units	92523431009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(k)fluoranthene	ug/L	ND	50	50	47.4	48.8	95	98	40-146	3	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	85.9	105	86	105	25-130	20	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	37.1	44.2	74	88	23-130	17	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	42.1	47.9	84	96	25-130	13	30	
bis(2-Ethylhexyl)phthalate	ug/L	14.7	50	50	67.7	67.2	106	105	28-166	1	30	
Butylbenzylphthalate	ug/L	ND	50	50	49.9	52.4	100	105	33-165	5	30	
Chrysene	ug/L	ND	50	50	48.5	50.8	97	102	38-141	5	30	
Di-n-butylphthalate	ug/L	ND	50	50	52.4	54.8	105	110	32-153	4	30	
Di-n-octylphthalate	ug/L	ND	50	50	55.9	59.3	112	119	30-175	6	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	52.6	54.3	105	109	39-148	3	30	
Dibenzofuran	ug/L	ND	50	50	37.4	44.8	75	90	20-130	18	30	
Diethylphthalate	ug/L	ND	50	50	41.4	45.9	83	92	28-142	10	30	
Dimethylphthalate	ug/L	ND	50	50	37.6	43.7	75	87	26-136	15	30	
Fluoranthene	ug/L	ND	50	50	49.4	52.1	99	104	39-143	5	30	
Fluorene	ug/L	ND	50	50	39.6	46.3	79	93	24-132	16	30	
Hexachlorobenzene	ug/L	ND	50	50	39.3	44.5	79	89	29-130	12	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	19.2	21.5	38	43	10-130	11	30	
Hexachloroethane	ug/L	ND	50	50	26.7	31.0	53	62	10-130	15	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	53.2	54.3	106	109	39-148	2	30	
Isophorone	ug/L	ND	50	50	37.8	43.0	76	86	23-130	13	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	42.1	46.4	84	93	25-130	10	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	27.9	34.0	56	68	22-130	20	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	47.1	50.2	94	100	26-134	6	30	
Nitrobenzene	ug/L	ND	50	50	39.6	46.9	79	94	25-130	17	30	
Pentachlorophenol	ug/L	ND	100	100	28.3	45.2	28	45	10-175	46	30	R1
Phenanthrene	ug/L	ND	50	50	45.1	49.0	90	98	36-133	8	30	
Phenol	ug/L	ND	50	50	4.2J	10J	8	20	10-130		30	M1
Pyrene	ug/L	ND	50	50	48.1	50.9	96	102	40-143	6	30	
2,4,6-Tribromophenol (S)	%						11	21	10-144			
2-Fluorobiphenyl (S)	%						72	85	10-130			
2-Fluorophenol (S)	%						1	3	10-130			S0
Nitrobenzene-d5 (S)	%						81	94	10-144			
Phenol-d6 (S)	%						6	20	10-130			S0
Terphenyl-d14 (S)	%						117	124	34-163			

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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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606804
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

METHOD BLANK: 3196901 Matrix: Water
Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/17/21 17:22	
2-Fluorobiphenyl (S)	%	114	61-163		03/17/21 17:22	
Nitrobenzene-d5 (S)	%	122	67-170		03/17/21 17:22	
Terphenyl-d14 (S)	%	108	62-169		03/17/21 17:22	

LABORATORY CONTROL SAMPLE: 3196902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.2	90	70-130	
2-Fluorobiphenyl (S)	%			105	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			96	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196903 3196904

Parameter	Units	92527577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.4	2.0	96	79	50-165	20	30	
2-Fluorobiphenyl (S)	%						107	109	61-163			
Nitrobenzene-d5 (S)	%						118	105	67-170			
Terphenyl-d14 (S)	%						101	91	62-169			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606805
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3196905 Matrix: Water
Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/17/21 13:45	
2-Fluorobiphenyl (S)	%	110	61-163		03/17/21 13:45	
Nitrobenzene-d5 (S)	%	120	67-170		03/17/21 13:45	
Terphenyl-d14 (S)	%	105	62-169		03/17/21 13:45	

LABORATORY CONTROL SAMPLE: 3196906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.6	106	70-130	
2-Fluorobiphenyl (S)	%			109	61-163	
Nitrobenzene-d5 (S)	%			115	67-170	
Terphenyl-d14 (S)	%			104	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196907 3196908

Parameter	Units	92527577022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.3	2.5	90	101	50-165	11	30	
2-Fluorobiphenyl (S)	%						109	118	61-163			
Nitrobenzene-d5 (S)	%						121	127	67-170			
Terphenyl-d14 (S)	%						97	103	62-169			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606776
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3196853 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/16/21 03:47	

LABORATORY CONTROL SAMPLE: 3196854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196855 3196856

Parameter	Units	92526603002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.14	0.14	25	25	80-120	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196857 3196858

Parameter	Units	92527577024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.51	0.51	101	101	80-120	0	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606813
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3196939 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/16/21 17:28	

LABORATORY CONTROL SAMPLE: 3196940

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	47.4	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196941 3196942

Parameter	Units	92527577023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	34.0	50	50	81.4	81.6	95	95	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196943 3196944

Parameter	Units	92526337009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	33.1	50	50	83.2	82.3	100	98	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 607918 — Analysis Method: SM 5310B-2011
QC Batch Method: SM 5310B-2011 — Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3202356 — Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	03/20/21 16:20	

LABORATORY CONTROL SAMPLE: 3202357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	25.8	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202358 — 3202359

Parameter	Units	92525986001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	ND	25	25	28.9	29.4	116	117	90-110	2	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202360 — 3202361

Parameter	Units	92527577025 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	ND	25	25	28.1	28.3	112	113	90-110	1	10	M1

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

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

C8	Result may be biased high due to carryover from previously analyzed sample.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
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.

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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527577023	MW-13R_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577024	MW-15_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577025	MW-28_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577026	MW-43BR_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577023	MW-13R_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577024	MW-15_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577025	MW-28_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577026	MW-43BR_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577001	MW-7R_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577002	MW-9R_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577003	MW-16_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577004	MW-26_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577005	MW-27_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577006	MW-36S_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577007	MW-36TZ_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577008	MW-36BR_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577009	MW-37S_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577010	MW-37TZ_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577011	MW-37BR_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577012	MW-42S_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577013	MW-42TZ_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577014	MW-42BR_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577015	MW-35S_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577016	MW-35TZ_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577017	MW-35BR_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577018	MW-43S_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577019	MW-43TZ_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577020	FD-01_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577021	FB-02_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577022	FB-03_WG_20210312	EPA 3510C	607096	EPA 8270E	607379
92527577023	MW-13R_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577024	MW-15_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577025	MW-28_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577026	MW-43BR_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577001	MW-7R_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577002	MW-9R_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577003	MW-16_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577004	MW-26_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577005	MW-27_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577006	MW-36S_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577007	MW-36TZ_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577008	MW-36BR_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577009	MW-37S_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577010	MW-37TZ_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577011	MW-37BR_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577012	MW-42S_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577013	MW-42TZ_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527577014	MW-42BR_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577015	MW-35S_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577016	MW-35TZ_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577017	MW-35BR_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577018	MW-43S_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577019	MW-43TZ_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577020	FD-01_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577021	FB-02_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577022	FB-03_WG_20210312	EPA 3511	606805	EPA 8270E by SIM	606878
92527577023	MW-13R_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577024	MW-15_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577025	MW-28_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577026	MW-43BR_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577001	MW-7R_WG_20210311	EPA 8260D	606959		
92527577002	MW-9R_WG_20210311	EPA 8260D	606959		
92527577003	MW-16_WG_20210311	EPA 8260D	606965		
92527577004	MW-26_WG_20210311	EPA 8260D	606965		
92527577005	MW-27_WG_20210311	EPA 8260D	606965		
92527577006	MW-36S_WG_20210311	EPA 8260D	607966		
92527577007	MW-36TZ_WG_20210311	EPA 8260D	607966		
92527577008	MW-36BR_WG_20210311	EPA 8260D	606959		
92527577009	MW-37S_WG_20210312	EPA 8260D	606959		
92527577010	MW-37TZ_WG_20210312	EPA 8260D	606959		
92527577011	MW-37BR_WG_20210312	EPA 8260D	606959		
92527577012	MW-42S_WG_20210311	EPA 8260D	606959		
92527577013	MW-42TZ_WG_20210311	EPA 8260D	606959		
92527577014	MW-42BR_WG_20210311	EPA 8260D	606959		
92527577015	MW-35S_WG_20210312	EPA 8260D	606959		
92527577016	MW-35TZ_WG_20210312	EPA 8260D	606959		
92527577017	MW-35BR_WG_20210312	EPA 8260D	606959		
92527577018	MW-43S_WG_20210311	EPA 8260D	606959		
92527577019	MW-43TZ_WG_20210311	EPA 8260D	606959		
92527577020	FD-01_WG_20210311	EPA 8260D	606959		
92527577021	FB-02_WG_20210311	EPA 8260D	606959		
92527577022	FB-03_WG_20210312	EPA 8260D	606959		
92527577023	MW-13R_WG_20210311	EPA 8260D	606965		
92527577024	MW-15_WG_20210311	EPA 8260D	606965		
92527577025	MW-28_WG_20210311	EPA 8260D	606959		
92527577026	MW-43BR_WG_20210311	EPA 8260D	606959		
92527577027	TB-03_WG_20210311	EPA 8260D	606959		
92527577028	TB-04_WG_20210311	EPA 8260D	607260		
92527577029	TB-05_WG_20210312	EPA 8260D	607260		
92527577023	MW-13R_WG_20210311	SM 4500-S2D-2011	606776		
92527577024	MW-15_WG_20210311	SM 4500-S2D-2011	606776		

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: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527577025	**MW-28_WG_20210311**	SM 4500-S2D-2011	606776		
92527577026	**MW-43BR_WG_20210311**	SM 4500-S2D-2011	606776		
92527577023	**MW-13R_WG_20210311**	EPA 300.0 Rev 2.1 1993	606813		
92527577024	**MW-15_WG_20210311**	EPA 300.0 Rev 2.1 1993	606813		
92527577025	**MW-28_WG_20210311**	EPA 300.0 Rev 2.1 1993	606813		
92527577026	**MW-43BR_WG_20210311**	EPA 300.0 Rev 2.1 1993	606813		
92527577023	**MW-13R_WG_20210311**	SM 5310B-2011	607918		
92527577024	**MW-15_WG_20210311**	SM 5310B-2011	607918		
92527577025	**MW-28_WG_20210311**	SM 5310B-2011	607918		
92527577026	**MW-43BR_WG_20210311**	SM 5310B-2011	607918		

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: Synterra

Project #: WO# : 92527577

92527577

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

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

Date/Initials Person Examining Contents: 3-15-21 AMP

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

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

Thermometer: ☑ IR Gun ID: 92TOC4 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.8/0.4/3.5 **Correction Factor:** Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 2.8/0.4/3.5

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#: 92527577

PM: KLH1 Due Date: 03/19/21

CLIENT: 92-Duke Ener

pg 1

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

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project # **WO# : 92527577**

PM: KLH1 Due Date: 03/19/21

CLIENT: 92-Duke Ener

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																3											2		3
2																3											2		3
3																3											2		3
4																3											2		3
5																3											2		3
6																3											2		3
7																3											2		3
8																3											2		3
9																3											2		3
10																3											2		3
11																3			3								2		3
12																3											2		3

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project # WO# : 92527577

PM: KLH1 Due Date: 03/19/21

CLIENT: 92-Duke Ener

pg 3

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
2																2													
3																2													
4																2													
5																3											2		3
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.

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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 4

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency	
State / Location	SC

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	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS				Residual Chlorine (Y/N)	92527577
1	MW-7R_WG_20210311	WT				3/11/21	1441		24	15			9						x	x	x											MS/MSD 001
2	MW-9R_WG_20210311	WT				3/11/21	1502		8	5			3						x	x	x											002
3	MW-13R_WG_20210311	WT				3/11/21	1033		15	6		2	3				4		x	x	x	x	x	x	x	x						023
4	MW-15_WG_20210311	WT				3/11/21	1223		14	6		2	3				3		x	x	x	x	x	x	x	x						024
5	MW-16_WG_20210311	WT				3/11/21	1255		8	5			3						x	x	x											003
6	MW-26_WG_20210311	WT				3/11/21	0939		8	5			3						x	x	x											004
7	MW-27_WG_20210311	WT				3/11/21	1009		8	5			3						x	x	x											005
8	MW-28_WG_20210311	WT				3/11/21	1406		15	6		2	3				4		x	x	x	x	x	x	x	x						025
9	MW-36S_WG_20210311	WT				3/11/21	1300		8	5			3						x	x	x											006
10	MW-36TZ_WG_20210311	WT				3/11/21	1043		8	5			3						x	x	x											007
11	MW-36BR_WG_20210311	WT				3/11/21	1135		8	5			3						x	x	x											008
12	MW-37S_WG_20210312	WT				3/12/21	0931		8	5			3						x	x	x											009

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Level 4 data report required	Ryan Bradley	3/12/21	1137	Chelsea Sizt	3-12-21	1137				
	Chelsea Sizt	12MAR21	1250	[signature] / GWD	12MAR21	1250				
	[signature] / GWD	12MAR21	1445	A. Rucker / PACE/AVL	3-12-21	1445				
	A. Rucker / PACE/AVL	3-12-21	1830	AMP PACE AVL	3-15-21	8:00	2.8 0.4 3.5	Y	N	Y

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

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Section A
Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	tking@synterracorp.com
Phone:	(803)429-3668 Fax:
Requested Due Date:	

Section B
Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754

Regulatory Agency
State / Location
SC

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

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	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)	92527577
13	MW-37TZ_WG_20210312	WT				3/12/21	1035		8	5			3						x	x	x								010
14	MW-37BR_WG_20210312	WT				3/12/21	1457		8	5			3						x	x	x								011
15	MW-42S_WG_20210311	WT				3/11/21	1402		8	5			3						x	x	x								012
16	MW-42TZ_WG_20210311	WT				3/11/21	1434		8	5			3						x	x	x								013
17	MW-42BR_WG_20210311	WT				3/11/21	1504		8	5			3						x	x	x								014
18	MW-29S_WG_	WT																	x	x	x	x	x	x	x	x			
19	MW-29TZ_WG_	WT																	x	x	x	x	x	x	x	x			
20	MW-29BR_WG_	WT																	x	x	x	x	x	x	x	x			
21	MW-34S_WG_	WT																	x	x	x								
22	MW-34TZ_WG_	WT																	x	x	x								
23	MW-34BR_WG_	WT																	x	x	x								
24	MW-35S_WG_20210312	WT				3/12/21	0934		8	5			3						x	x	x								015

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)
Level 4 data report required	[signature]	3/12/21	1137	[signature]	3-12-21	1137				
	[signature]	12MAR21	1250	[signature] /GWD	12MAR21	1250				
	[signature] /GWD	12MAR21	1445	A.Rucker/PACE/AVL	3-12-21	1445				
	A.Rucker/PACE/AVL	3-12-21	1830	[signature] PACE HVL	3-15-21	8:00	2.8 0.4 5.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

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Suite 220, Greenville, SC 29601				Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency:

State / Location: SC

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	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS			Residual Chlorine (Y/N)	425275
25	MW-35TZ_WG_20210312	WT				3/12/21	0910		8	5			3						x	x	x								016
26	MW-35BR_WG_20210312	WT				3/12/21	1010		8	5			3						x	x	x								017
27	MW-43S_WG_20210311	WT				3/11/21	1130		8	5			3						x	x	x								018
28	MW-43TZ_WG_20210311	WT				3/11/21	1027		8	5			3						x	x	x								019
29	MW-43BR_WG_20210311	WT				3/11/21	0945		15	6		2	3				4		x	x	x	x	x	x	x	x				026
30	MW-1_WG_	WT																	x	x	x								
31	MW-2TZ_WG_	WT																	x	x	x								
32	MW-2BR_WG_	WT																	x	x	x								
33	MW-3BR_WG_	WT																	x	x	x								
34	MW-3BRL_WG_	WT																	x	x	x								
35	MW-21_WG_	WT																	x	x	x	x	x	x	x	x			
36	MW-21BR_WG_	WT																	x	x	x								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required		3/12/21	1137	Chelsea Scott	3-12-21	1137	
	Chelsea Scott	12MAR21	1250	/GWP	12MAR21	1250	
	/GWP	12MAR21	1445	A.Rucker/PACE/AVL	3-12-21	1445	
	A.Rucker/PACE/AVL	3-12-21	1830	~~AMAP~~ PACE HVL	3-15-21	8:00	SR Y N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

TEMP in C 3.5 | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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 : 4 Of 4

Section A — Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	tking@synterracorp.com
Phone:	(803)429-3668 Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754

Regulatory Agency:

State / Location: SC

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)	
61	MW-44TZ_WG_	WT																	X	X	X							9252757
62	MW-44BR_WG_	WT																	X	X	X	X	X	X	X			
63	FD-01_WG_20210311	WT				—	—		8	5			3						X	X	X	X	X	GSD	X	X	3/11/21	020
64	FD-02_WG_	WT																	X	X	X	X	X	X	X	X		
65	FD-03_WG_	WT																	X	X	X	X	X	X	X	X		
66	FB-02-WG-20210311	WT			3/11/21	1550			8	5			3						X	X	X							021
67	TB-03-WG-20210311	WT				—	—		2				2						X	(WP)	X					X	3/11/21	027
68	TB-04-WG-20210311	WT				—	—		2				2						X	(WP)	X					X	3/11/21	028
69	TB-05-WG-20210312	WT				—	—		2				2						X	X	X	GSD	3/12/21			X		026
70	FB-03-WG-20210312	WT			3/12/21	1040			8	5			3						X	X	X							022
71																												
72																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required		3/12/21	1137	Chelsea Stuart	3-12-21	1137	
	Chelsea Stuart	12MAR21	1250	GWP	12MAR21	1250	
	GWP	12MAR21	1445	A. Rucker / PACE/HVL	3-12-21	1445	
				NAME PACE HVL	3-15-21	8:00	2.8 C 3.3 / Y / N / Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

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

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

March 26, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

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 SUMMARY

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92527960001	**MW-1_WG_20210315**	Water	03/15/21 15:20	03/16/21 11:45
92527960002	**MW-5_WG_20210315**	Water	03/15/21 10:29	03/16/21 11:45
92527960003	**MW-22_WG_20210315**	Water	03/15/21 09:37	03/16/21 11:45
92527960004	**MW-40BR_WG_20210315**	Water	03/15/21 09:59	03/16/21 11:45
92527960005	**MW-25R_WG_20210315**	Water	03/15/21 13:11	03/16/21 11:45
92527960006	**MW-41S_WG_20210315**	Water	03/15/21 10:36	03/16/21 11:45
92527960007	**MW-41TZ_WG_20210315**	Water	03/15/21 09:39	03/16/21 11:45
92527960008	**MW-41BR_WG_20210315**	Water	03/15/21 09:59	03/16/21 11:45
92527960009	**MW-34S_WG_20210315**	Water	03/15/21 12:21	03/16/21 11:45
92527960010	**MW-34TZ_WG_20210315**	Water	03/15/21 13:15	03/16/21 11:45
92527960011	**MW-34BR_WG_20210315**	Water	03/15/21 14:18	03/16/21 11:45
92527960012	**FD-02_WG_20210315**	Water	03/15/21 00:00	03/16/21 11:45
92527960013	**FB-04_20210316**	Water	03/16/21 09:10	03/16/21 11:45
92527960014	**MW-29S_WG_20210315**	Water	03/15/21 15:31	03/16/21 11:45
92527960015	**MW-29TZ_WG_20210315**	Water	03/15/21 14:42	03/16/21 11:45
92527960016	**MW-29BR_WG_20210315**	Water	03/15/21 13:56	03/16/21 11:45
92527960017	**TB-06_WG_20210315**	Water	03/15/21 00:00	03/16/21 11:45
92527960018	**TB-07_WG_20210315**	Water	03/15/21 00:00	03/16/21 11:45

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527960001	MW-1_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960002	MW-5_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960003	MW-22_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960004	MW-40BR_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960005	MW-25R_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960006	MW-41S_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960007	MW-41TZ_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960008	MW-41BR_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960009	MW-34S_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960010	MW-34TZ_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960011	MW-34BR_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960012	FD-02_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960013	FB-04_20210316	EPA 8270E	PKS	67	PASI-C

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960014	**MW-29S_WG_20210315**	EPA 6010D	DS, RDT	2	PASI-A
		EPA 6010D	DS	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527960015	**MW-29TZ_WG_20210315**	EPA 6010D	DS, RDT	2	PASI-A
		EPA 6010D	DS	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527960016	**MW-29BR_WG_20210315**	EPA 6010D	DS, RDT	2	PASI-A
		EPA 6010D	DS	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527960017	**TB-06_WG_20210315**	EPA 8260D	CL	62	PASI-C
92527960018	**TB-07_WG_20210315**	EPA 8260D	CL	62	PASI-C

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

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527960001	**MW-1_WG_20210315**					
EPA 8270E	Acenaphthene	139	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Anthracene	5.8J	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Dibenzofuran	15.1	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Fluorene	40.5	ug/L	10.0	03/18/21 18:13	
EPA 8270E	1-Methylnaphthalene	357	ug/L	40.0	03/19/21 10:13	
EPA 8270E	2-Methylnaphthalene	350	ug/L	40.0	03/19/21 10:13	
EPA 8270E	Phenanthrene	38.2	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Pyrene	2.7J	ug/L	10.0	03/18/21 18:13	
EPA 8260D	Benzene	11.1	ug/L	10.0	03/19/21 22:38	
EPA 8260D	Ethylbenzene	23.5	ug/L	10.0	03/19/21 22:38	
EPA 8260D	Naphthalene	938	ug/L	10.0	03/19/21 22:38	M1
EPA 8260D	Toluene	6.4J	ug/L	10.0	03/19/21 22:38	
EPA 8260D	Vinyl acetate	117	ug/L	20.0	03/19/21 22:38	IK
EPA 8260D	Xylene (Total)	26.1	ug/L	10.0	03/19/21 22:38	
EPA 8260D	m&p-Xylene	14.2J	ug/L	20.0	03/19/21 22:38	
EPA 8260D	o-Xylene	11.9	ug/L	10.0	03/19/21 22:38	
92527960008	**MW-41BR_WG_20210315**					
EPA 8260D	Toluene	0.95J	ug/L	1.0	03/19/21 07:46	
92527960010	**MW-34TZ_WG_20210315**					
EPA 8260D	cis-1,2-Dichloroethene	3.1	ug/L	1.0	03/19/21 08:22	
92527960011	**MW-34BR_WG_20210315**					
EPA 8270E	3&4-Methylphenol(m&p Cresol)	5.7J	ug/L	10.0	03/19/21 00:37	
EPA 8260D	Benzene	2.2	ug/L	1.0	03/19/21 08:40	
EPA 8260D	Naphthalene	1.2	ug/L	1.0	03/19/21 08:40	
EPA 8260D	Toluene	0.99J	ug/L	1.0	03/19/21 08:40	
92527960014	**MW-29S_WG_20210315**					
EPA 6010D	Iron	705	ug/L	50.0	03/22/21 18:00	
EPA 6010D	Manganese	165	ug/L	5.0	03/22/21 06:47	
EPA 6010D	Iron, Dissolved	528	ug/L	50.0	03/22/21 17:27	
EPA 6010D	Manganese, Dissolved	154	ug/L	5.0	03/22/21 17:27	
EPA 300.0 Rev 2.1 1993	Sulfate	18.3	mg/L	1.0	03/18/21 13:00	
SM 5310B-2011	Total Organic Carbon	3.7	mg/L	1.0	03/25/21 21:33	
92527960015	**MW-29TZ_WG_20210315**					
EPA 6010D	Iron	10400	ug/L	50.0	03/22/21 18:13	
EPA 6010D	Manganese	121	ug/L	5.0	03/22/21 07:00	
EPA 6010D	Iron, Dissolved	8420	ug/L	50.0	03/22/21 17:47	
EPA 6010D	Manganese, Dissolved	114	ug/L	5.0	03/22/21 17:47	
EPA 8270E	Acenaphthene	80.5	ug/L	10.0	03/19/21 02:19	
EPA 8270E	Dibenzofuran	5.3J	ug/L	10.0	03/19/21 02:19	
EPA 8270E	2,4-Dimethylphenol	202	ug/L	40.0	03/19/21 10:39	
EPA 8270E	Fluorene	15.9	ug/L	10.0	03/19/21 02:19	
EPA 8270E	1-Methylnaphthalene	167	ug/L	40.0	03/19/21 10:39	
EPA 8270E	2-Methylnaphthalene	277	ug/L	40.0	03/19/21 10:39	
EPA 8270E	2-Methylphenol(o-Cresol)	4.9J	ug/L	10.0	03/19/21 02:19	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527960015	**MW-29TZ_WG_20210315**					
EPA 8270E	3&4-Methylphenol(m&p Cresol)	24.3	ug/L	10.0	03/19/21 02:19	
EPA 8270E	Phenanthrene	11.3	ug/L	10.0	03/19/21 02:19	
EPA 8270E	Phenol	18.9	ug/L	10.0	03/19/21 02:19	
EPA 8260D	Benzene	1600	ug/L	25.0	03/23/21 12:54	
EPA 8260D	Ethylbenzene	209	ug/L	25.0	03/23/21 12:54	
EPA 8260D	Naphthalene	1750	ug/L	25.0	03/23/21 12:54	M1
EPA 8260D	Toluene	23.5J	ug/L	25.0	03/23/21 12:54	
EPA 8260D	Xylene (Total)	116	ug/L	25.0	03/23/21 12:54	
EPA 8260D	m&p-Xylene	62.1	ug/L	50.0	03/23/21 12:54	
EPA 8260D	o-Xylene	54.4	ug/L	25.0	03/23/21 12:54	
SM 5310B-2011	Total Organic Carbon	8.0	mg/L	1.0	03/25/21 22:27	
92527960016	**MW-29BR_WG_20210315**					
EPA 6010D	Iron	71.6	ug/L	50.0	03/22/21 18:23	
EPA 8270E	Acenaphthylene	13.0	ug/L	10.0	03/19/21 11:04	
EPA 8270E	2,4-Dimethylphenol	5.7J	ug/L	10.0	03/19/21 11:04	
EPA 8270E	Fluorene	2.2J	ug/L	10.0	03/19/21 11:04	
EPA 8270E	1-Methylnaphthalene	22.6	ug/L	10.0	03/19/21 11:04	
EPA 8270E	2-Methylnaphthalene	32.6	ug/L	10.0	03/19/21 11:04	
EPA 8260D	Benzene	214	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Ethylbenzene	10.7	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Naphthalene	250	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Styrene	30.1	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Toluene	135	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Xylene (Total)	39.1	ug/L	2.0	03/22/21 19:58	
EPA 8260D	m&p-Xylene	25.6	ug/L	4.0	03/22/21 19:58	
EPA 8260D	o-Xylene	13.5	ug/L	2.0	03/22/21 19:58	
EPA 300.0 Rev 2.1 1993	Sulfate	0.56J	mg/L	1.0	03/18/21 13:31	
SM 5310B-2011	Total Organic Carbon	0.97J	mg/L	1.0	03/25/21 22:46	

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: March 26, 2021

General Information:
3 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 26, 2021

General Information:
3 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 26, 2021

General Information:
16 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607656

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.

- BLANK (Lab ID: 3201093)
  - Butylbenzylphthalate
- LCS (Lab ID: 3201094)
  - Butylbenzylphthalate
- MS (Lab ID: 3201095)
  - Butylbenzylphthalate
- MSD (Lab ID: 3201096)
  - Butylbenzylphthalate
- MW-29BR_WG_20210315 (Lab ID: 92527960016)
  - Butylbenzylphthalate

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 607212

S0: Surrogate recovery outside laboratory control limits.

- MSD (Lab ID: 3198854)
  - 2,4,6-Tribromophenol (S)

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3198851)
  - Terphenyl-d14 (S)
- MW-25R_WG_20210315 (Lab ID: 92527960005)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607212

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
- Terphenyl-d14 (S)
- MW-40BR_WG_20210315 (Lab ID: 92527960004)
  - Terphenyl-d14 (S)
- MW-41BR_WG_20210315 (Lab ID: 92527960008)
  - Terphenyl-d14 (S)
- MW-41S_WG_20210315 (Lab ID: 92527960006)
  - Terphenyl-d14 (S)
- MW-41TZ_WG_20210315 (Lab ID: 92527960007)
  - Terphenyl-d14 (S)
- MW-5_WG_20210315 (Lab ID: 92527960002)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607212

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MSD (Lab ID: 3198854)
  - 4-Bromophenylphenyl ether
  - Benzoic Acid

R1: RPD value was outside control limits.
- MSD (Lab ID: 3198854)
  - 2,4-Dinitrophenol
  - Aniline
  - Hexachlorocyclopentadiene

QC Batch: 607656

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527967008

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS (Lab ID: 3201095)
  - Benzoic Acid
- MSD (Lab ID: 3201096)
  - 4-Bromophenylphenyl ether
  - Benzoic Acid

R1: RPD value was outside control limits.
- MSD (Lab ID: 3201096)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607656

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527967008

R1: RPD value was outside control limits.

- 4,6-Dinitro-2-methylphenol
- 4-Nitrophenol
- Hexachlorocyclopentadiene
- Hexachloroethane
- Pentachlorophenol

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 26, 2021

General Information:
16 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 607495

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- MW-29TZ_WG_20210315 (Lab ID: 92527960015)
  - Nitrobenzene-d5 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 26, 2021

General Information:
18 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607666

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3201158)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- LCS (Lab ID: 3201159)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MS (Lab ID: 3201160)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MSD (Lab ID: 3201161)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MW-29BR_WG_20210315 (Lab ID: 92527960016)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate

QC Batch: 607695

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3201479)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- LCS (Lab ID: 3201480)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MS (Lab ID: 3203681)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607695

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Diisopropyl ether
- Vinyl acetate
- MSD (Lab ID: 3203682)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MW-1_WG_20210315 (Lab ID: 92527960001)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate

QC Batch: 608458

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3205005)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- LCS (Lab ID: 3205006)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MS (Lab ID: 3205007)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MSD (Lab ID: 3205008)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MW-29TZ_WG_20210315 (Lab ID: 92527960015)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607666

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.

- BLANK (Lab ID: 3201158)
  - Bromomethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607666

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.

- MW-29BR_WG_20210315 (Lab ID: 92527960016)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3201159)
  - Bromomethane
- MS (Lab ID: 3201160)
  - Bromomethane
- MSD (Lab ID: 3201161)
  - Bromomethane

QC Batch: 607687

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.

- BLANK (Lab ID: 3201405)
  - Chloromethane
- FB-04_20210316 (Lab ID: 92527960013)
  - Chloromethane
- MW-22_WG_20210315 (Lab ID: 92527960003)
  - Chloromethane
- MW-29S_WG_20210315 (Lab ID: 92527960014)
  - Chloromethane
- MW-40BR_WG_20210315 (Lab ID: 92527960004)
  - Chloromethane
- MW-5_WG_20210315 (Lab ID: 92527960002)
  - Chloromethane
- TB-06_WG_20210315 (Lab ID: 92527960017)
  - Chloromethane
- TB-07_WG_20210315 (Lab ID: 92527960018)
  - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3201406)
  - Chloromethane
- MS (Lab ID: 3201407)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3201408)
  - Bromomethane
  - Chloromethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607691

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.

- BLANK (Lab ID: 3201436)
  - Chloromethane
- FD-02_WG_20210315 (Lab ID: 92527960012)
  - Chloromethane
- MW-25R_WG_20210315 (Lab ID: 92527960005)
  - Chloromethane
- MW-34BR_WG_20210315 (Lab ID: 92527960011)
  - Chloromethane
- MW-34S_WG_20210315 (Lab ID: 92527960009)
  - Chloromethane
- MW-34TZ_WG_20210315 (Lab ID: 92527960010)
  - Chloromethane
- MW-41BR_WG_20210315 (Lab ID: 92527960008)
  - Chloromethane
- MW-41S_WG_20210315 (Lab ID: 92527960006)
  - Chloromethane
- MW-41TZ_WG_20210315 (Lab ID: 92527960007)
  - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3201437)
  - Chloromethane
- MS (Lab ID: 3202375)
  - 2-Butanone (MEK)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3202376)
  - 2-Butanone (MEK)
  - Bromomethane
  - Chloromethane

QC Batch: 607695

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3203681)
  - Bromomethane
- MSD (Lab ID: 3203682)
  - Bromomethane
- MW-1_WG_20210315 (Lab ID: 92527960001)
  - Bromomethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 26, 2021

QC Batch: 608458

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.

- BLANK (Lab ID: 3205005)
  - Bromomethane
- MW-29TZ_WG_20210315 (Lab ID: 92527960015)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3205006)
  - Bromomethane
- MS (Lab ID: 3205007)
  - Bromomethane
- MSD (Lab ID: 3205008)
  - Bromomethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607666

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527345026

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3201160)
  - 2,2-Dichloropropane
  - Trichloroethene
- MSD (Lab ID: 3201161)
  - 2,2-Dichloropropane

QC Batch: 607695

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3203681)
  - Naphthalene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607695

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3203682)
  - Naphthalene

QC Batch: 608458

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960015

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3205008)
  - Naphthalene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: March 26, 2021

General Information:
3 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: March 26, 2021

General Information:
3 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: **SM 5310B-2011**
Description: 5310B TOC
Client: Duke Energy
Date: March 26, 2021

General Information:
3 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-1_WG_20210315 **Lab ID: 92527960001** Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**139**	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:13	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:13	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:13	62-53-3	
Anthracene	**5.8J**	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 18:13	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 18:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 18:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 18:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 18:13	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 18:13	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 18:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 18:13	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 18:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 18:13	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 18:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 18:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:13	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:13	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:13	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 18:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:13	53-70-3	
Dibenzofuran	**15.1**	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 18:13	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:13	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:13	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:13	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 18:13	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 18:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:13	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 18:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 18:13	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:13	206-44-0	
Fluorene	**40.5**	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:13	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:13	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 18:13	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:13	78-59-1	
1-Methylnaphthalene	**357**	ug/L	40.0	8.1	4	03/17/21 13:53	03/19/21 10:13	90-12-0	
2-Methylnaphthalene	**350**	ug/L	40.0	7.5	4	03/17/21 13:53	03/19/21 10:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:13	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-1_WG_20210315 **Lab ID: 92527960001** Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 18:13	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:13	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 18:13	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:13	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 18:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 18:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:13	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:13	87-86-5	
Phenanthrene	**38.2**	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:13	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	108-95-2	
Pyrene	**2.7J**	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:13	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/17/21 13:53	03/18/21 18:13	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	03/17/21 13:53	03/18/21 18:13	321-60-8	
Terphenyl-d14 (S)	136	%	34-163		1	03/17/21 13:53	03/18/21 18:13	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/17/21 13:53	03/18/21 18:13	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/17/21 13:53	03/18/21 18:13	367-12-4	
2,4,6-Tribromophenol (S)	107	%	10-144		1	03/17/21 13:53	03/18/21 18:13	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 14:26	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	86	%	67-170		1	03/18/21 10:06	03/19/21 14:26	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/18/21 10:06	03/19/21 14:26	321-60-8	
Terphenyl-d14 (S)	123	%	62-169		1	03/18/21 10:06	03/19/21 14:26	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	250	51.1	10		03/19/21 22:38	67-64-1	
Benzene	**11.1**	ug/L	10.0	3.4	10		03/19/21 22:38	71-43-2	
Bromobenzene	ND	ug/L	10.0	2.9	10		03/19/21 22:38	108-86-1	
Bromochloromethane	ND	ug/L	10.0	4.7	10		03/19/21 22:38	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	3.1	10		03/19/21 22:38	75-27-4	
Bromoform	ND	ug/L	10.0	3.4	10		03/19/21 22:38	75-25-2	IK
Bromomethane	ND	ug/L	20.0	16.6	10		03/19/21 22:38	74-83-9	v3
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		03/19/21 22:38	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		03/19/21 22:38	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.8	10		03/19/21 22:38	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		03/19/21 22:38	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-1_WG_20210315 **Lab ID: 92527960001** Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	50.0	15.6	10		03/19/21 22:38	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		03/19/21 22:38	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/19/21 22:38	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/19/21 22:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	3.4	10		03/19/21 22:38	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	3.6	10		03/19/21 22:38	124-48-1	
Dibromomethane	ND	ug/L	10.0	3.9	10		03/19/21 22:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/19/21 22:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/19/21 22:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		03/19/21 22:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	3.5	10		03/19/21 22:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.7	10		03/19/21 22:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	3.2	10		03/19/21 22:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	3.5	10		03/19/21 22:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	3.8	10		03/19/21 22:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.0	10		03/19/21 22:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	3.6	10		03/19/21 22:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		03/19/21 22:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	3.9	10		03/19/21 22:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.3	10		03/19/21 22:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/19/21 22:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/19/21 22:38	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	3.1	10		03/19/21 22:38	108-20-3	IK
Ethylbenzene	**23.5**	ug/L	10.0	3.0	10		03/19/21 22:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		03/19/21 22:38	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.8	10		03/19/21 22:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	4.1	10		03/19/21 22:38	99-87-6	
Methylene Chloride	ND	ug/L	50.0	19.5	10		03/19/21 22:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	27.1	10		03/19/21 22:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	4.2	10		03/19/21 22:38	1634-04-4	
Naphthalene	**938**	ug/L	10.0	6.4	10		03/19/21 22:38	91-20-3	M1
Styrene	ND	ug/L	10.0	2.9	10		03/19/21 22:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.1	10		03/19/21 22:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	2.2	10		03/19/21 22:38	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	2.9	10		03/19/21 22:38	127-18-4	
Toluene	**6.4J**	ug/L	10.0	4.8	10		03/19/21 22:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	8.1	10		03/19/21 22:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	6.4	10		03/19/21 22:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	3.3	10		03/19/21 22:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	3.2	10		03/19/21 22:38	79-00-5	
Trichloroethene	ND	ug/L	10.0	3.8	10		03/19/21 22:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		03/19/21 22:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	2.6	10		03/19/21 22:38	96-18-4	
Vinyl acetate	**117**	ug/L	20.0	13.1	10		03/19/21 22:38	108-05-4	IK
Vinyl chloride	ND	ug/L	10.0	3.9	10		03/19/21 22:38	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-1_WG_20210315 **Lab ID: 92527960001** Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**26.1**	ug/L	10.0	3.4	10		03/19/21 22:38	1330-20-7	
m&p-Xylene	**14.2J**	ug/L	20.0	7.1	10		03/19/21 22:38	179601-23-1	
o-Xylene	**11.9**	ug/L	10.0	3.4	10		03/19/21 22:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		03/19/21 22:38	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%	70-130		10		03/19/21 22:38	17060-07-0	
Toluene-d8 (S)	110	%	70-130		10		03/19/21 22:38	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 18:39	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 18:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 18:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 18:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 18:39	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 18:39	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 18:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 18:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 18:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 18:39	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 18:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 18:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 18:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:39	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 18:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 18:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 18:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 18:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 18:39	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:39	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 18:39	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:39	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 18:39	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:39	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 18:39	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 18:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 18:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:39	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:39	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	111	%	10-144		1	03/17/21 13:53	03/18/21 18:39	4165-60-0	
2-Fluorobiphenyl (S)	108	%	10-130		1	03/17/21 13:53	03/18/21 18:39	321-60-8	
Terphenyl-d14 (S)	179	%	34-163		1	03/17/21 13:53	03/18/21 18:39	1718-51-0	S3
Phenol-d6 (S)	95	%	10-130		1	03/17/21 13:53	03/18/21 18:39	13127-88-3	
2-Fluorophenol (S)	108	%	10-130		1	03/17/21 13:53	03/18/21 18:39	367-12-4	
2,4,6-Tribromophenol (S)	132	%	10-144		1	03/17/21 13:53	03/18/21 18:39	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 12:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/18/21 10:06	03/18/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	130	%	61-163		1	03/18/21 10:06	03/18/21 12:43	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/18/21 10:06	03/18/21 12:43	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 17:01	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 17:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 17:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 17:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 17:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 17:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 17:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 17:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 17:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 17:01	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 17:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 17:01	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 17:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 17:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 17:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 17:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 17:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 17:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 17:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 17:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 17:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 17:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 17:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 17:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 17:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 17:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 17:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 17:01	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 17:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 17:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 17:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 17:01	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 17:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 17:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 17:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 17:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 17:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 17:01	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 17:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 17:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/22/21 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/22/21 17:01	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/22/21 17:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 19:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:04	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 19:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:04	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 19:04	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 19:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:04	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 19:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 19:04	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 19:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:04	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 19:04	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:04	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 19:04	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 19:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 19:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 19:04	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:04	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 19:04	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:04	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 19:04	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:04	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 19:04	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 19:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 19:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:04	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:04	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	106	%	10-144		1	03/17/21 13:53	03/18/21 19:04	4165-60-0	
2-Fluorobiphenyl (S)	105	%	10-130		1	03/17/21 13:53	03/18/21 19:04	321-60-8	
Terphenyl-d14 (S)	156	%	34-163		1	03/17/21 13:53	03/18/21 19:04	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	03/17/21 13:53	03/18/21 19:04	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/17/21 13:53	03/18/21 19:04	367-12-4	
2,4,6-Tribromophenol (S)	118	%	10-144		1	03/17/21 13:53	03/18/21 19:04	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 16:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/18/21 16:16	4165-60-0	
2-Fluorobiphenyl (S)	133	%	61-163		1	03/18/21 10:06	03/18/21 16:16	321-60-8	
Terphenyl-d14 (S)	131	%	62-169		1	03/18/21 10:06	03/18/21 16:16	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 17:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 17:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 17:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 17:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 17:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 17:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 17:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 17:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 17:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 17:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 17:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 17:19	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 17:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 17:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 17:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 17:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 17:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 17:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 17:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 17:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 17:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 17:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 17:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 17:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 17:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 17:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 17:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 17:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 17:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 17:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 17:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 17:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 17:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 17:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 17:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 17:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 17:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 17:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 17:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 17:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 17:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 17:19	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 17:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 17:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/22/21 17:19	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 17:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 19:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 19:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:30	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 19:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 19:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 19:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 19:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 19:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 19:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 19:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 19:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 19:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 19:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:30	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 19:30	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:30	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 19:30	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:30	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 19:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 19:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 19:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:30	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:30	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	111	%	10-144		1	03/17/21 13:53	03/18/21 19:30	4165-60-0	
2-Fluorobiphenyl (S)	105	%	10-130		1	03/17/21 13:53	03/18/21 19:30	321-60-8	
Terphenyl-d14 (S)	181	%	34-163		1	03/17/21 13:53	03/18/21 19:30	1718-51-0	S3
Phenol-d6 (S)	60	%	10-130		1	03/17/21 13:53	03/18/21 19:30	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	03/17/21 13:53	03/18/21 19:30	367-12-4	
2,4,6-Tribromophenol (S)	128	%	10-144		1	03/17/21 13:53	03/18/21 19:30	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 16:37	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/18/21 10:06	03/18/21 16:37	4165-60-0	
2-Fluorobiphenyl (S)	136	%	61-163		1	03/18/21 10:06	03/18/21 16:37	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	03/18/21 10:06	03/18/21 16:37	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 17:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 17:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 17:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 17:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 17:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 17:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 17:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 17:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 17:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 17:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 17:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 17:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 17:37	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 17:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 17:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 17:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 17:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 17:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 17:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 17:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 17:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 17:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 17:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 17:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 17:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 17:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 17:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 17:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 17:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 17:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 17:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 17:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 17:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 17:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 17:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 17:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 17:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 17:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 17:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 17:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 17:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 17:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 17:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 17:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 17:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 17:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 17:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 17:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 17:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 17:37	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/22/21 17:37	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 17:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 **Lab ID: 92527960005** Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 19:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 19:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 19:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 19:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 19:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 19:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 19:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 19:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 19:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 19:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 19:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 19:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 19:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 **Lab ID: 92527960005** Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 19:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 19:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 19:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 19:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	117	%	10-144		1	03/17/21 13:53	03/18/21 19:55	4165-60-0	
2-Fluorobiphenyl (S)	115	%	10-130		1	03/17/21 13:53	03/18/21 19:55	321-60-8	
Terphenyl-d14 (S)	172	%	34-163		1	03/17/21 13:53	03/18/21 19:55	1718-51-0	S3
Phenol-d6 (S)	94	%	10-130		1	03/17/21 13:53	03/18/21 19:55	13127-88-3	
2-Fluorophenol (S)	107	%	10-130		1	03/17/21 13:53	03/18/21 19:55	367-12-4	
2,4,6-Tribromophenol (S)	140	%	10-144		1	03/17/21 13:53	03/18/21 19:55	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 16:59	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/18/21 16:59	4165-60-0	
2-Fluorobiphenyl (S)	128	%	61-163		1	03/18/21 10:06	03/18/21 16:59	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/18/21 10:06	03/18/21 16:59	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 09:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 09:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 09:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 09:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 09:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 09:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 09:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 09:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 09:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 09:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 09:16	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 **Lab ID: 92527960005** Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 09:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 09:16	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 09:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 09:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 09:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 09:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 09:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 09:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 09:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 09:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 09:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 09:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 09:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 09:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 09:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 09:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 09:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 09:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 09:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 09:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 09:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 09:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 09:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 09:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 09:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 09:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 09:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 09:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 09:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 09:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 09:16	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 09:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 09:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 09:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 09:16	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 09:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 09:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 09:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 09:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 09:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 09:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 09:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 09:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 09:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 09:16	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 **Lab ID: 92527960005** Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 09:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 09:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 09:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 09:16	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/19/21 09:16	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/19/21 09:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 20:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 20:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 20:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 20:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 20:21	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 20:21	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 20:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 20:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 20:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 20:21	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 20:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 20:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 20:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 20:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 20:21	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 20:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 20:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 20:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 20:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 20:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 20:21	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 20:21	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 20:21	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 20:21	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 20:21	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 20:21	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 20:21	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 20:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 20:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 20:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 20:21	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 20:21	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	119	%	10-144		1	03/17/21 13:53	03/18/21 20:21	4165-60-0	
2-Fluorobiphenyl (S)	111	%	10-130		1	03/17/21 13:53	03/18/21 20:21	321-60-8	
Terphenyl-d14 (S)	176	%	34-163		1	03/17/21 13:53	03/18/21 20:21	1718-51-0	S3
Phenol-d6 (S)	67	%	10-130		1	03/17/21 13:53	03/18/21 20:21	13127-88-3	
2-Fluorophenol (S)	85	%	10-130		1	03/17/21 13:53	03/18/21 20:21	367-12-4	
2,4,6-Tribromophenol (S)	129	%	10-144		1	03/17/21 13:53	03/18/21 20:21	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 17:21	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	67-170		1	03/18/21 10:06	03/18/21 17:21	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/18/21 10:06	03/18/21 17:21	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	03/18/21 10:06	03/18/21 17:21	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 07:10	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 07:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 07:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 07:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 07:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 07:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 07:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 07:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 07:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 07:10	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 07:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 07:10	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 07:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 07:10	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 07:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 07:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 07:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 07:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 07:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 07:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 07:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 07:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 07:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 07:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 07:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 07:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 07:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 07:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 07:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 07:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 07:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 07:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 07:10	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 07:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 07:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 07:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 07:10	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 07:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 07:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 07:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 07:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 07:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 07:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 07:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 07:10	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 07:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 07:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 07:10	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/19/21 07:10	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 07:10	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 21:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 21:12	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 21:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 21:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 21:12	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 21:12	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 21:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 21:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 21:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 21:12	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 21:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 21:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 21:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 21:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 21:12	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 21:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 21:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 21:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 21:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 21:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 21:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 21:12	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 21:12	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 21:12	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 21:12	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 21:12	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 21:12	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 21:12	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 21:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 21:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 21:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 21:12	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 21:12	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-144		1	03/17/21 13:53	03/18/21 21:12	4165-60-0	
2-Fluorobiphenyl (S)	98	%	10-130		1	03/17/21 13:53	03/18/21 21:12	321-60-8	
Terphenyl-d14 (S)	164	%	34-163		1	03/17/21 13:53	03/18/21 21:12	1718-51-0	S3
Phenol-d6 (S)	56	%	10-130		1	03/17/21 13:53	03/18/21 21:12	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/17/21 13:53	03/18/21 21:12	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/17/21 13:53	03/18/21 21:12	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 17:42	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	67-170		1	03/18/21 10:06	03/18/21 17:42	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/18/21 10:06	03/18/21 17:42	321-60-8	
Terphenyl-d14 (S)	116	%	62-169		1	03/18/21 10:06	03/18/21 17:42	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 07:28	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 07:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 07:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 07:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 07:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 07:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 07:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 07:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 07:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 07:28	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 07:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 07:28	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 07:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 07:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 07:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 07:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 07:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 07:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 07:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 07:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 07:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 07:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 07:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 07:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 07:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 07:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 07:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 07:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 07:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 07:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 07:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 07:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 07:28	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 07:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 07:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 07:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 07:28	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 07:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 07:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 07:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 07:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 07:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 07:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 07:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 07:28	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 07:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 07:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 07:28	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/19/21 07:28	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 07:28	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 **Lab ID: 92527960008** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 22:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 22:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:03	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 22:03	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 22:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 22:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 22:03	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 22:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:03	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 22:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 22:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 22:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 22:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 22:03	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:03	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 22:03	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:03	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 **Lab ID: 92527960008** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 22:03	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:03	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 22:03	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 22:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 22:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:03	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:03	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-144		1	03/17/21 13:53	03/18/21 22:03	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/17/21 13:53	03/18/21 22:03	321-60-8	
Terphenyl-d14 (S)	170	%	34-163		1	03/17/21 13:53	03/18/21 22:03	1718-51-0	S3
Phenol-d6 (S)	56	%	10-130		1	03/17/21 13:53	03/18/21 22:03	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/17/21 13:53	03/18/21 22:03	367-12-4	
2,4,6-Tribromophenol (S)	127	%	10-144		1	03/17/21 13:53	03/18/21 22:03	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 18:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	116	%	67-170		1	03/18/21 10:06	03/18/21 18:04	4165-60-0	
2-Fluorobiphenyl (S)	128	%	61-163		1	03/18/21 10:06	03/18/21 18:04	321-60-8	
Terphenyl-d14 (S)	128	%	62-169		1	03/18/21 10:06	03/18/21 18:04	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 07:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 07:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 07:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 07:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 07:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 07:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 07:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 07:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 07:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 07:46	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 **Lab ID: 92527960008** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 07:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 07:46	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 07:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 07:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 07:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 07:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 07:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 07:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 07:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 07:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 07:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 07:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 07:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 07:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 07:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 07:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 07:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 07:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 07:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 07:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 07:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 07:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 07:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 07:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 07:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 07:46	127-18-4	
Toluene	**0.95J**	ug/L	1.0	0.48	1		03/19/21 07:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 07:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 07:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 07:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 07:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 07:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 07:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 07:46	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 **Lab ID: 92527960008** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 07:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 07:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/19/21 07:46	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/19/21 07:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/19/21 07:46	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 **Lab ID: 92527960009** Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 22:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 22:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:54	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 22:54	65-85-0	M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 22:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:54	101-55-3	M1
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 22:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 22:54	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 22:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:54	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 22:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 22:54	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 22:54	51-28-5	R1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 22:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 22:54	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:54	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	77-47-4	R1
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 22:54	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:54	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 **Lab ID: 92527960009** Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 22:54	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:54	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 22:54	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 22:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 22:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:54	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:54	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	113	%	10-144		1	03/17/21 13:53	03/18/21 22:54	4165-60-0	
2-Fluorobiphenyl (S)	111	%	10-130		1	03/17/21 13:53	03/18/21 22:54	321-60-8	
Terphenyl-d14 (S)	144	%	34-163		1	03/17/21 13:53	03/18/21 22:54	1718-51-0	
Phenol-d6 (S)	66	%	10-130		1	03/17/21 13:53	03/18/21 22:54	13127-88-3	
2-Fluorophenol (S)	82	%	10-130		1	03/17/21 13:53	03/18/21 22:54	367-12-4	
2,4,6-Tribromophenol (S)	133	%	10-144		1	03/17/21 13:53	03/18/21 22:54	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 18:25	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/18/21 18:25	4165-60-0	
2-Fluorobiphenyl (S)	131	%	61-163		1	03/18/21 10:06	03/18/21 18:25	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/18/21 10:06	03/18/21 18:25	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 08:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 08:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 08:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 08:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 08:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 08:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 08:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 08:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 08:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 08:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 **Lab ID: 92527960009** Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 08:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 08:04	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 08:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 08:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 08:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 08:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 08:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 08:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 08:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 08:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 08:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 08:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 08:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 08:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 08:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 08:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 08:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 08:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 08:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 08:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 08:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 08:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 08:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 08:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 08:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 08:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 08:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 08:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 08:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 08:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 08:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 08:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 08:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 08:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 08:04	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 **Lab ID: 92527960009** Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 08:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 08:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 08:04	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/19/21 08:04	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 08:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 **Lab ID: 92527960010** Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 00:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 00:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:11	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 00:11	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 00:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 00:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 00:11	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 00:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:11	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 00:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 00:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 00:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 00:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 00:11	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:11	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 00:11	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:11	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 **Lab ID: 92527960010** Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 00:11	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:11	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 00:11	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 00:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 00:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:11	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:11	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-144		1	03/17/21 13:53	03/19/21 00:11	4165-60-0	
2-Fluorobiphenyl (S)	94	%	10-130		1	03/17/21 13:53	03/19/21 00:11	321-60-8	
Terphenyl-d14 (S)	146	%	34-163		1	03/17/21 13:53	03/19/21 00:11	1718-51-0	
Phenol-d6 (S)	60	%	10-130		1	03/17/21 13:53	03/19/21 00:11	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/17/21 13:53	03/19/21 00:11	367-12-4	
2,4,6-Tribromophenol (S)	129	%	10-144		1	03/17/21 13:53	03/19/21 00:11	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 19:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	118	%	67-170		1	03/18/21 10:06	03/18/21 19:30	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/18/21 10:06	03/18/21 19:30	321-60-8	
Terphenyl-d14 (S)	123	%	62-169		1	03/18/21 10:06	03/18/21 19:30	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 08:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 08:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 08:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 08:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 08:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 08:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 08:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 08:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 08:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 08:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 08:22	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 **Lab ID: 92527960010** Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 08:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 08:22	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 08:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 08:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 08:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 08:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 08:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 08:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 08:22	75-35-4	
cis-1,2-Dichloroethene	**3.1**	ug/L	1.0	0.38	1		03/19/21 08:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 08:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 08:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 08:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 08:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 08:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 08:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 08:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 08:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 08:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 08:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 08:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 08:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 08:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 08:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 08:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 08:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 08:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 08:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 08:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 08:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 08:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 08:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 08:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 08:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 08:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 08:22	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 **Lab ID: 92527960010** Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 08:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 08:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 08:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/19/21 08:22	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/19/21 08:22	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 08:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 **Lab ID: 92527960011** Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 00:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 00:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:37	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 00:37	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 00:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 00:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 00:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 00:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 00:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 00:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 00:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 00:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 00:37	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 00:37	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	**5.7J**	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:37	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 **Lab ID: 92527960011** Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 00:37	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 00:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 00:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 00:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:37	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:37	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	101	%	10-144		1	03/17/21 13:53	03/19/21 00:37	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/17/21 13:53	03/19/21 00:37	321-60-8	
Terphenyl-d14 (S)	143	%	34-163		1	03/17/21 13:53	03/19/21 00:37	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	03/17/21 13:53	03/19/21 00:37	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/17/21 13:53	03/19/21 00:37	367-12-4	
2,4,6-Tribromophenol (S)	131	%	10-144		1	03/17/21 13:53	03/19/21 00:37	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 15:32	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/19/21 15:32	4165-60-0	
2-Fluorobiphenyl (S)	142	%	61-163		1	03/18/21 10:06	03/19/21 15:32	321-60-8	
Terphenyl-d14 (S)	126	%	62-169		1	03/18/21 10:06	03/19/21 15:32	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 08:40	67-64-1	
Benzene	**2.2**	ug/L	1.0	0.34	1		03/19/21 08:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 08:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 08:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 08:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 08:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 08:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 08:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 08:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 08:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 08:40	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 **Lab ID: 92527960011** Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 08:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 08:40	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 08:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 08:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 08:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 08:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 08:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 08:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 08:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 08:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 08:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 08:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 08:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 08:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 08:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 08:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 08:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 08:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 08:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 08:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 08:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 08:40	1634-04-4	
Naphthalene	**1.2**	ug/L	1.0	0.64	1		03/19/21 08:40	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 08:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 08:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 08:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 08:40	127-18-4	
Toluene	**0.99J**	ug/L	1.0	0.48	1		03/19/21 08:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 08:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 08:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 08:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 08:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 08:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 08:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 08:40	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 **Lab ID: 92527960011** Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 08:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 08:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 08:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 08:40	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/19/21 08:40	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/19/21 08:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID: 92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 01:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 01:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:02	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 01:02	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 01:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 01:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 01:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 01:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 01:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 01:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 01:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 01:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 01:02	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:02	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 01:02	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:02	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID: 92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 01:02	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 01:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 01:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 01:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:02	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:02	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	03/17/21 13:53	03/19/21 01:02	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/17/21 13:53	03/19/21 01:02	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	03/17/21 13:53	03/19/21 01:02	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/17/21 13:53	03/19/21 01:02	13127-88-3	
2-Fluorophenol (S)	68	%	10-130		1	03/17/21 13:53	03/19/21 01:02	367-12-4	
2,4,6-Tribromophenol (S)	112	%	10-144		1	03/17/21 13:53	03/19/21 01:02	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 19:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	119	%	67-170		1	03/18/21 10:06	03/18/21 19:52	4165-60-0	
2-Fluorobiphenyl (S)	130	%	61-163		1	03/18/21 10:06	03/18/21 19:52	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/18/21 10:06	03/18/21 19:52	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 09:34	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 09:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 09:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 09:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 09:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 09:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 09:34	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 09:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 09:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 09:34	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID: 92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 09:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 09:34	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 09:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 09:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 09:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 09:34	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 09:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 09:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 09:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 09:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 09:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 09:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 09:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 09:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 09:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 09:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 09:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 09:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 09:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 09:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 09:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 09:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 09:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 09:34	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 09:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 09:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 09:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 09:34	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 09:34	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 09:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 09:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 09:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 09:34	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 09:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 09:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 09:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 09:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 09:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 09:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 09:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 09:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 09:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 09:34	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID: 92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 09:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 09:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 09:34	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/19/21 09:34	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/19/21 09:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 01:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 01:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:28	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 01:28	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 01:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 01:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 01:28	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 01:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:28	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 01:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 01:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 01:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 01:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 01:28	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:28	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 01:28	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:28	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 01:28	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:28	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 01:28	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 01:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 01:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:28	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:28	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	113	%	10-144		1	03/17/21 13:53	03/19/21 01:28	4165-60-0	
2-Fluorobiphenyl (S)	103	%	10-130		1	03/17/21 13:53	03/19/21 01:28	321-60-8	
Terphenyl-d14 (S)	160	%	34-163		1	03/17/21 13:53	03/19/21 01:28	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	03/17/21 13:53	03/19/21 01:28	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/17/21 13:53	03/19/21 01:28	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/17/21 13:53	03/19/21 01:28	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 20:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	67-170		1	03/18/21 10:06	03/18/21 20:13	4165-60-0	
2-Fluorobiphenyl (S)	137	%	61-163		1	03/18/21 10:06	03/18/21 20:13	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	03/18/21 10:06	03/18/21 20:13	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 13:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 13:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 13:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 13:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 13:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 13:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 13:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 13:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 13:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 13:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 13:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 13:06	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 13:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 13:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 13:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 13:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 13:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 13:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 13:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 13:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 13:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 13:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 13:06	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 13:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 13:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 13:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 13:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 13:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 13:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 13:06	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 13:06	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 13:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 13:06	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 13:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 13:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 13:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 13:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 13:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 13:06	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 13:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 13:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 13:06	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/22/21 13:06	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 13:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 **Lab ID: 92527960014** Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**705**	ug/L	50.0	41.5	1	03/19/21 02:18	03/22/21 18:00	7439-89-6	
Manganese	**165**	ug/L	5.0	3.4	1	03/19/21 02:18	03/22/21 06:47	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**528**	ug/L	50.0	41.5	1	03/19/21 12:56	03/22/21 17:27	7439-89-6	
Manganese, Dissolved	**154**	ug/L	5.0	3.4	1	03/19/21 12:56	03/22/21 17:27	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 01:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 01:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 01:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 01:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 01:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 01:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 01:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 01:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 01:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 01:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 01:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 01:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 **Lab ID: 92527960014** Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:53	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 01:53	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:53	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 01:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 01:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 01:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 01:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	101	%	10-144		1	03/17/21 13:53	03/19/21 01:53	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	03/17/21 13:53	03/19/21 01:53	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	03/17/21 13:53	03/19/21 01:53	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	03/17/21 13:53	03/19/21 01:53	13127-88-3	
2-Fluorophenol (S)	72	%	10-130		1	03/17/21 13:53	03/19/21 01:53	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/17/21 13:53	03/19/21 01:53	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 13:42	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	67-170		1	03/18/21 10:06	03/19/21 13:42	4165-60-0	
2-Fluorobiphenyl (S)	132	%	61-163		1	03/18/21 10:06	03/19/21 13:42	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/18/21 10:06	03/19/21 13:42	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 15:31	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 **Lab ID: 92527960014** Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 15:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 15:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 15:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 15:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 15:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 15:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 15:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 15:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 15:31	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 15:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 15:31	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 15:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 15:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 15:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 15:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 15:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 15:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 15:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 15:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 15:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 15:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 15:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 15:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 15:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 15:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 15:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 15:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 15:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 15:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 15:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 15:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 15:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 15:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 15:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 15:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 15:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 15:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 15:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 15:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 15:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 15:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 15:31	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 **Lab ID: 92527960014** Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 15:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 15:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 15:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 15:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 15:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 15:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 15:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 15:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 15:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 15:31	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 15:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 15:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/22/21 15:31	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/22/21 15:31	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/22/21 15:31	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/17/21 06:10	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**18.3**	mg/L	1.0	0.50	1		03/18/21 13:00	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**3.7**	mg/L	1.0	0.50	1		03/25/21 21:33	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 **Lab ID: 92527960015** Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**10400**	ug/L	50.0	41.5	1	03/19/21 02:18	03/22/21 18:13	7439-89-6	
Manganese	**121**	ug/L	5.0	3.4	1	03/19/21 02:18	03/22/21 07:00	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**8420**	ug/L	50.0	41.5	1	03/19/21 12:56	03/22/21 17:47	7439-89-6	
Manganese, Dissolved	**114**	ug/L	5.0	3.4	1	03/19/21 12:56	03/22/21 17:47	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**80.5**	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 02:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 02:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 02:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 02:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 02:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 02:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 02:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 02:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 02:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 02:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 02:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 02:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 02:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 02:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 02:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 02:19	53-70-3	
Dibenzofuran	**5.3J**	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 02:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 02:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	84-66-2	
2,4-Dimethylphenol	**202**	ug/L	40.0	6.8	4	03/17/21 13:53	03/19/21 10:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 02:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 02:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 02:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 02:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 02:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 02:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	206-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 **Lab ID: 92527960015** Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	**15.9**	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 02:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 02:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 02:19	78-59-1	
1-Methylnaphthalene	**167**	ug/L	40.0	8.1	4	03/17/21 13:53	03/19/21 10:39	90-12-0	
2-Methylnaphthalene	**277**	ug/L	40.0	7.5	4	03/17/21 13:53	03/19/21 10:39	91-57-6	
2-Methylphenol(o-Cresol)	**4.9J**	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	**24.3**	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 02:19	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 02:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 02:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 02:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 02:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 02:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 02:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 02:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 02:19	87-86-5	
Phenanthrene	**11.3**	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	85-01-8	
Phenol	**18.9**	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/17/21 13:53	03/19/21 02:19	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/17/21 13:53	03/19/21 02:19	321-60-8	
Terphenyl-d14 (S)	131	%	34-163		1	03/17/21 13:53	03/19/21 02:19	1718-51-0	
Phenol-d6 (S)	77	%	10-130		1	03/17/21 13:53	03/19/21 02:19	13127-88-3	
2-Fluorophenol (S)	88	%	10-130		1	03/17/21 13:53	03/19/21 02:19	367-12-4	
2,4,6-Tribromophenol (S)	122	%	10-144		1	03/17/21 13:53	03/19/21 02:19	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 14:47	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	24	%	67-170		1	03/18/21 10:06	03/19/21 14:47	4165-60-0	S5
2-Fluorobiphenyl (S)	110	%	61-163		1	03/18/21 10:06	03/19/21 14:47	321-60-8	
Terphenyl-d14 (S)	126	%	62-169		1	03/18/21 10:06	03/19/21 14:47	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	625	128	25		03/23/21 12:54	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 **Lab ID: 92527960015** Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	**1600**	ug/L	25.0	8.6	25		03/23/21 12:54	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		03/23/21 12:54	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		03/23/21 12:54	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		03/23/21 12:54	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		03/23/21 12:54	75-25-2	IK
Bromomethane	ND	ug/L	50.0	41.5	25		03/23/21 12:54	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	125	99.0	25		03/23/21 12:54	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		03/23/21 12:54	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		03/23/21 12:54	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		03/23/21 12:54	75-00-3	
Chloroform	ND	ug/L	125	39.0	25		03/23/21 12:54	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		03/23/21 12:54	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		03/23/21 12:54	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		03/23/21 12:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		03/23/21 12:54	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		03/23/21 12:54	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		03/23/21 12:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/23/21 12:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/23/21 12:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		03/23/21 12:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		03/23/21 12:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		03/23/21 12:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		03/23/21 12:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		03/23/21 12:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		03/23/21 12:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		03/23/21 12:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		03/23/21 12:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		03/23/21 12:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		03/23/21 12:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		03/23/21 12:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/23/21 12:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/23/21 12:54	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		03/23/21 12:54	108-20-3	IK
Ethylbenzene	**209**	ug/L	25.0	7.6	25		03/23/21 12:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		03/23/21 12:54	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		03/23/21 12:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		03/23/21 12:54	99-87-6	
Methylene Chloride	ND	ug/L	125	48.8	25		03/23/21 12:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		03/23/21 12:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		03/23/21 12:54	1634-04-4	
Naphthalene	**1750**	ug/L	25.0	16.1	25		03/23/21 12:54	91-20-3	M1
Styrene	ND	ug/L	25.0	7.3	25		03/23/21 12:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		03/23/21 12:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		03/23/21 12:54	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		03/23/21 12:54	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 **Lab ID: 92527960015** Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	**23.5J**	ug/L	25.0	12.1	25		03/23/21 12:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		03/23/21 12:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		03/23/21 12:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		03/23/21 12:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		03/23/21 12:54	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		03/23/21 12:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		03/23/21 12:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		03/23/21 12:54	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		03/23/21 12:54	108-05-4	IK
Vinyl chloride	ND	ug/L	25.0	9.6	25		03/23/21 12:54	75-01-4	
Xylene (Total)	**116**	ug/L	25.0	8.4	25		03/23/21 12:54	1330-20-7	
m&p-Xylene	**62.1**	ug/L	50.0	17.7	25		03/23/21 12:54	179601-23-1	
o-Xylene	**54.4**	ug/L	25.0	8.4	25		03/23/21 12:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		25		03/23/21 12:54	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		25		03/23/21 12:54	17060-07-0	
Toluene-d8 (S)	112	%	70-130		25		03/23/21 12:54	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/17/21 06:10	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	ND	mg/L	1.0	0.50	1		03/18/21 13:16	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**8.0**	mg/L	1.0	0.50	1		03/25/21 22:27	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 **Lab ID: 92527960016** Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**71.6**	ug/L	50.0	41.5	1	03/19/21 02:18	03/22/21 18:23	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/19/21 02:18	03/22/21 07:03	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/19/21 12:56	03/22/21 17:50	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/19/21 12:56	03/22/21 17:50	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	83-32-9	
Acenaphthylene	**13.0**	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/18/21 14:54	03/19/21 11:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/18/21 14:54	03/19/21 11:04	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/18/21 14:54	03/19/21 11:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/18/21 14:54	03/19/21 11:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/18/21 14:54	03/19/21 11:04	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/18/21 14:54	03/19/21 11:04	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/18/21 14:54	03/19/21 11:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/18/21 14:54	03/19/21 11:04	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/18/21 14:54	03/19/21 11:04	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/18/21 14:54	03/19/21 11:04	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/18/21 14:54	03/19/21 11:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/18/21 14:54	03/19/21 11:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/18/21 14:54	03/19/21 11:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/18/21 14:54	03/19/21 11:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/18/21 14:54	03/19/21 11:04	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/18/21 14:54	03/19/21 11:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/18/21 14:54	03/19/21 11:04	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	84-66-2	
2,4-Dimethylphenol	**5.7J**	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/18/21 14:54	03/19/21 11:04	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/18/21 14:54	03/19/21 11:04	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/18/21 14:54	03/19/21 11:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/18/21 14:54	03/19/21 11:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/18/21 14:54	03/19/21 11:04	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 **Lab ID: 92527960016** Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	**2.2J**	ug/L	10.0	2.1	1	03/18/21 14:54	03/19/21 11:04	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/18/21 14:54	03/19/21 11:04	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	78-59-1	
1-Methylnaphthalene	**22.6**	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	90-12-0	
2-Methylnaphthalene	**32.6**	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/18/21 14:54	03/19/21 11:04	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/18/21 14:54	03/19/21 11:04	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/18/21 14:54	03/19/21 11:04	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/18/21 14:54	03/19/21 11:04	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/18/21 14:54	03/19/21 11:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/18/21 14:54	03/19/21 11:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/18/21 14:54	03/19/21 11:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/18/21 14:54	03/19/21 11:04	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/18/21 14:54	03/19/21 11:04	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	10-144		1	03/18/21 14:54	03/19/21 11:04	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/18/21 14:54	03/19/21 11:04	321-60-8	
Terphenyl-d14 (S)	136	%	34-163		1	03/18/21 14:54	03/19/21 11:04	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/18/21 14:54	03/19/21 11:04	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/18/21 14:54	03/19/21 11:04	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-144		1	03/18/21 14:54	03/19/21 11:04	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 14:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	67-170		1	03/18/21 10:06	03/19/21 14:04	4165-60-0	
2-Fluorobiphenyl (S)	125	%	61-163		1	03/18/21 10:06	03/19/21 14:04	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/18/21 10:06	03/19/21 14:04	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	50.0	10.2	2		03/22/21 19:58	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 **Lab ID: 92527960016** Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	**214**	ug/L	2.0	0.69	2		03/22/21 19:58	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		03/22/21 19:58	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		03/22/21 19:58	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		03/22/21 19:58	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		03/22/21 19:58	75-25-2	IK
Bromomethane	ND	ug/L	4.0	3.3	2		03/22/21 19:58	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		03/22/21 19:58	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		03/22/21 19:58	56-23-5	
Chlorobenzene	ND	ug/L	2.0	0.57	2		03/22/21 19:58	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		03/22/21 19:58	75-00-3	
Chloroform	ND	ug/L	10.0	3.1	2		03/22/21 19:58	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		03/22/21 19:58	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	0.64	2		03/22/21 19:58	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	0.65	2		03/22/21 19:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2		03/22/21 19:58	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	0.72	2		03/22/21 19:58	124-48-1	
Dibromomethane	ND	ug/L	2.0	0.79	2		03/22/21 19:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/22/21 19:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/22/21 19:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2		03/22/21 19:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2		03/22/21 19:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2		03/22/21 19:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2		03/22/21 19:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2		03/22/21 19:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2		03/22/21 19:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2		03/22/21 19:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2		03/22/21 19:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2		03/22/21 19:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2		03/22/21 19:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2		03/22/21 19:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/22/21 19:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/22/21 19:58	10061-02-6	
Diisopropyl ether	ND	ug/L	2.0	0.62	2		03/22/21 19:58	108-20-3	IK
Ethylbenzene	**10.7**	ug/L	2.0	0.61	2		03/22/21 19:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		03/22/21 19:58	87-68-3	
2-Hexanone	ND	ug/L	10.0	0.95	2		03/22/21 19:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2		03/22/21 19:58	99-87-6	
Methylene Chloride	ND	ug/L	10.0	3.9	2		03/22/21 19:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2		03/22/21 19:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2		03/22/21 19:58	1634-04-4	
Naphthalene	**250**	ug/L	2.0	1.3	2		03/22/21 19:58	91-20-3	
Styrene	**30.1**	ug/L	2.0	0.58	2		03/22/21 19:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2		03/22/21 19:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2		03/22/21 19:58	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	0.58	2		03/22/21 19:58	127-18-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 **Lab ID: 92527960016** Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
Toluene	**135**	ug/L	2.0	0.97	2		03/22/21 19:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2		03/22/21 19:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2		03/22/21 19:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2		03/22/21 19:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2		03/22/21 19:58	79-00-5	
Trichloroethene	ND	ug/L	2.0	0.77	2		03/22/21 19:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		03/22/21 19:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2		03/22/21 19:58	96-18-4	
Vinyl acetate	ND	ug/L	4.0	2.6	2		03/22/21 19:58	108-05-4	IK
Vinyl chloride	ND	ug/L	2.0	0.77	2		03/22/21 19:58	75-01-4	
Xylene (Total)	**39.1**	ug/L	2.0	0.68	2		03/22/21 19:58	1330-20-7	
m&p-Xylene	**25.6**	ug/L	4.0	1.4	2		03/22/21 19:58	179601-23-1	
o-Xylene	**13.5**	ug/L	2.0	0.68	2		03/22/21 19:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2		03/22/21 19:58	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		2		03/22/21 19:58	17060-07-0	
Toluene-d8 (S)	110	%	70-130		2		03/22/21 19:58	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011								
	Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/17/21 06:11	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Sulfate	**0.56J**	mg/L	1.0	0.50	1		03/18/21 13:31	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011								
	Pace Analytical Services - Asheville								
Total Organic Carbon	**0.97J**	mg/L	1.0	0.50	1		03/25/21 22:46	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: TB-06_WG_20210315 **Lab ID: 92527960017** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 12:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 12:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 12:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 12:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 12:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 12:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 12:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 12:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 12:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 12:30	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 12:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 12:30	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 12:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 12:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 12:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 12:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 12:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 12:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 12:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 12:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 12:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 12:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 12:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 12:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 12:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 12:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 12:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 12:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 12:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 12:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 12:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 12:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 12:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 12:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 12:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 12:30	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: TB-06_WG_20210315 **Lab ID: 92527960017** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 12:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 12:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 12:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 12:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 12:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 12:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 12:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 12:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 12:30	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 12:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 12:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 12:30	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/22/21 12:30	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 12:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: TB-07_WG_20210315 **Lab ID: 92527960018** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 12:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 12:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 12:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 12:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 12:48	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 12:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 12:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 12:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 12:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 12:48	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 12:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 12:48	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 12:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 12:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 12:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 12:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 12:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 12:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 12:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 12:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 12:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 12:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 12:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 12:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:48	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 12:48	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 12:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 12:48	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 12:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 12:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 12:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 12:48	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 12:48	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 12:48	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: TB-07_WG_20210315 **Lab ID: 92527960018** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 12:48	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 12:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 12:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 12:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 12:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 12:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 12:48	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 12:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 12:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 12:48	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/22/21 12:48	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 12:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607816
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3202084 Matrix: Water
Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/22/21 17:53	
Manganese	ug/L	ND	5.0	3.4	03/22/21 17:53	

LABORATORY CONTROL SAMPLE: 3202085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5070	101	80-120	
Manganese	ug/L	500	499	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202086 3202087

Parameter	Units	92527960014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	705	5000	5000	5680	5760	100	101	75-125	1	20	
Manganese	ug/L	165	500	500	628	631	93	93	75-125	0	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607959
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3202603 Matrix: Water
Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/22/21 17:21	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/22/21 17:21	

LABORATORY CONTROL SAMPLE: 3202604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4760	95	80-120	
Manganese, Dissolved	ug/L	500	463	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202605 3202606

Parameter	Units	92527960014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	528	5000	5000	5200	5420	94	98	75-125	4	20	
Manganese, Dissolved	ug/L	154	500	500	607	612	91	92	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607666
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527960016

METHOD BLANK: 3201158 Matrix: Water
Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 13:16	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 13:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 13:16	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 13:16	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 13:16	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 13:16	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 13:16	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 13:16	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 13:16	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 13:16	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 13:16	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 13:16	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 13:16	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 13:16	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 13:16	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 13:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 13:16	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 13:16	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 13:16	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 13:16	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 13:16	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 13:16	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 13:16	
Acetone	ug/L	ND	25.0	5.1	03/22/21 13:16	
Benzene	ug/L	ND	1.0	0.34	03/22/21 13:16	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 13:16	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 13:16	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 13:16	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 13:16	IK
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 13:16	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 13:16	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 13:16	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 13:16	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 13:16	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 13:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 13:16	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 13:16	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 13:16	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 13:16	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 13:16	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3201158 Matrix: Water
Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 13:16	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 13:16	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 13:16	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 13:16	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 13:16	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 13:16	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 13:16	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 13:16	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 13:16	
Styrene	ug/L	ND	1.0	0.29	03/22/21 13:16	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 13:16	
Toluene	ug/L	ND	1.0	0.48	03/22/21 13:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 13:16	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 13:16	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 13:16	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 13:16	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 13:16	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 13:16	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 13:16	
1,2-Dichloroethane-d4 (S)	%	91	70-130		03/22/21 13:16	
4-Bromofluorobenzene (S)	%	98	70-130		03/22/21 13:16	
Toluene-d8 (S)	%	107	70-130		03/22/21 13:16	

LABORATORY CONTROL SAMPLE: 3201159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	59.3	119	70-130	
1,1,1-Trichloroethane	ug/L	50	51.2	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	57.8	116	70-130	
1,1,2-Trichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethene	ug/L	50	48.5	97	70-130	
1,1-Dichloropropene	ug/L	50	48.6	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	59.9	120	70-130	
1,2,3-Trichloropropane	ug/L	50	55.0	110	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.5	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	61.7	123	70-130	
1,2-Dichlorobenzene	ug/L	50	57.5	115	70-130	
1,2-Dichloroethane	ug/L	50	50.3	101	70-130	
1,2-Dichloropropane	ug/L	50	54.8	110	70-130	
1,3-Dichlorobenzene	ug/L	50	60.3	121	70-130	
1,3-Dichloropropane	ug/L	50	51.2	102	70-130	
1,4-Dichlorobenzene	ug/L	50	56.4	113	70-130	
2,2-Dichloropropane	ug/L	50	53.1	106	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	
2-Chlorotoluene	ug/L	50	61.5	123	70-130	
2-Hexanone	ug/L	100	117	117	70-130	
4-Chlorotoluene	ug/L	50	57.6	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	70-130	
Acetone	ug/L	100	116	116	70-130	
Benzene	ug/L	50	56.0	112	70-130	
Bromobenzene	ug/L	50	58.0	116	70-130	
Bromochloromethane	ug/L	50	52.6	105	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	49.1	98	70-130	IK
Bromomethane	ug/L	50	45.1	90	70-130	v3
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	57.5	115	70-130	
Chloroethane	ug/L	50	58.0	116	70-130	
Chloroform	ug/L	50	54.9	110	70-130	
Chloromethane	ug/L	50	46.5	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.8	116	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dibromomethane	ug/L	50	50.1	100	70-130	
Dichlorodifluoromethane	ug/L	50	47.8	96	70-130	
Diisopropyl ether	ug/L	50	55.2	110	70-130	IK
Ethylbenzene	ug/L	50	55.7	111	70-130	
Hexachloro-1,3-butadiene	ug/L	50	56.6	113	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	56.5	113	70-130	
Methylene Chloride	ug/L	50	46.9	94	70-130	
Naphthalene	ug/L	50	57.4	115	70-130	
o-Xylene	ug/L	50	53.7	107	70-130	
p-Isopropyltoluene	ug/L	50	61.6	123	70-130	
Styrene	ug/L	50	54.5	109	70-130	
Tetrachloroethene	ug/L	50	55.4	111	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.3	91	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.8	116	70-130	
Trichloroethene	ug/L	50	57.4	115	70-130	
Trichlorofluoromethane	ug/L	50	46.8	94	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	IK
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			91	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201160 3201161

Parameter	Units	92527345026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	519	548	104	110	73-134	6	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	622	579	124	116	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	540	564	108	113	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	513	500	103	100	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	500	500	566	546	113	109	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	500	500	611	544	122	109	70-154	12	30	
1,1-Dichloropropene	ug/L	ND	500	500	521	498	104	100	70-149	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	580	613	116	123	70-135	6	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	512	538	102	108	71-137	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	576	579	115	116	73-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	568	597	114	119	65-134	5	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	649	586	130	117	70-133	10	30	
1,2-Dichloroethane	ug/L	ND	500	500	583	546	117	109	70-137	7	30	
1,2-Dichloropropane	ug/L	ND	500	500	606	580	121	116	70-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	662	616	132	123	70-135	7	30	
1,3-Dichloropropane	ug/L	ND	500	500	472	496	94	99	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	599	601	120	120	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	500	500	215	217	43	43	61-148	1	30	M1
2-Butanone (MEK)	ug/L	ND	1000	1000	1030	1090	103	109	60-139	5	30	
2-Chlorotoluene	ug/L	ND	500	500	674	653	135	131	70-144	3	30	
2-Hexanone	ug/L	ND	1000	1000	1150	1280	115	128	65-138	10	30	
4-Chlorotoluene	ug/L	ND	500	500	649	598	130	120	70-137	8	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1000	1000	1030	1050	103	105	65-135	2	30	
Acetone	ug/L	ND	1000	1000	1290	1240	129	124	60-148	4	30	
Benzene	ug/L	ND	500	500	609	571	122	114	70-151	7	30	
Bromobenzene	ug/L	ND	500	500	640	592	128	118	70-136	8	30	
Bromochloromethane	ug/L	ND	500	500	585	541	117	108	70-141	8	30	
Bromodichloromethane	ug/L	ND	500	500	563	495	113	99	70-138	13	30	
Bromoform	ug/L	ND	500	500	460	498	92	100	63-130	8	30	IK
Bromomethane	ug/L	ND	500	500	474	497	95	99	15-152	5	30	v3
Carbon tetrachloride	ug/L	ND	500	500	624	552	125	110	70-143	12	30	
Chlorobenzene	ug/L	ND	500	500	591	589	118	118	70-138	0	30	
Chloroethane	ug/L	ND	500	500	581	545	116	109	52-163	6	30	
Chloroform	ug/L	ND	500	500	578	514	116	103	70-139	12	30	
Chloromethane	ug/L	ND	500	500	449	443	90	89	41-139	1	30	
cis-1,2-Dichloroethene	ug/L	172	500	500	744	676	114	101	70-141	10	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	483	463	97	93	70-137	4	30	
Dibromochloromethane	ug/L	ND	500	500	442	481	88	96	70-134	8	30	
Dibromomethane	ug/L	ND	500	500	588	515	118	103	70-138	13	30	
Dichlorodifluoromethane	ug/L	ND	500	500	514	472	103	94	47-155	9	30	
Diisopropyl ether	ug/L	ND	500	500	528	497	106	99	63-144	6	30	IK
Ethylbenzene	ug/L	ND	500	500	599	579	120	116	66-153	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	523	511	105	102	65-149	2	30	
m&p-Xylene	ug/L	ND	1000	1000	1210	1140	121	114	69-152	6	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201160 3201161

Parameter	Units	92527345026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	500	500	533	523	107	105	54-156	2	30	
Methylene Chloride	ug/L	ND	500	500	590	563	113	107	42-159	5	30	
Naphthalene	ug/L	ND	500	500	545	590	109	118	61-148	8	30	
o-Xylene	ug/L	ND	500	500	595	576	119	115	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	500	500	617	620	123	124	70-146	0	30	
Styrene	ug/L	ND	500	500	593	567	119	113	70-135	4	30	
Tetrachloroethene	ug/L	ND	500	500	559	533	112	107	59-143	5	30	
Toluene	ug/L	ND	500	500	581	532	116	106	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	500	500	575	515	115	103	70-146	11	30	
trans-1,3-Dichloropropene	ug/L	ND	500	500	445	438	89	88	70-135	2	30	
Trichloroethene	ug/L	3080	500	500	3980	3790	179	142	70-147	5	30	M1
Trichlorofluoromethane	ug/L	ND	500	500	576	524	115	105	70-148	9	30	
Vinyl acetate	ug/L	ND	1000	1000	932	972	93	97	49-151	4	30	IK
Vinyl chloride	ug/L	ND	500	500	533	489	107	98	70-156	9	30	
Xylene (Total)	ug/L	ND	1500	1500	1800	1720	120	115	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						102	102	70-130			
4-Bromofluorobenzene (S)	%						96	98	70-130			
Toluene-d8 (S)	%						101	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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607687
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527960002, 92527960003, 92527960004, 92527960013, 92527960014, 92527960017, 92527960018

METHOD BLANK: 3201405 Matrix: Water
Associated Lab Samples: 92527960002, 92527960003, 92527960004, 92527960013, 92527960014, 92527960017, 92527960018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 11:54	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 11:54	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 11:54	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 11:54	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 11:54	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 11:54	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 11:54	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 11:54	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 11:54	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 11:54	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 11:54	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 11:54	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 11:54	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 11:54	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 11:54	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 11:54	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 11:54	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 11:54	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 11:54	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 11:54	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 11:54	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 11:54	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 11:54	
Acetone	ug/L	ND	25.0	5.1	03/22/21 11:54	
Benzene	ug/L	ND	1.0	0.34	03/22/21 11:54	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 11:54	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 11:54	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 11:54	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 11:54	
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 11:54	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 11:54	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 11:54	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 11:54	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 11:54	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 11:54	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 11:54	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 11:54	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 11:54	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 11:54	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 11:54	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3201405 Matrix: Water
Associated Lab Samples: 92527960002, 92527960003, 92527960004, 92527960013, 92527960014, 92527960017, 92527960018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 11:54	
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 11:54	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 11:54	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 11:54	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 11:54	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 11:54	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 11:54	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 11:54	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 11:54	
Styrene	ug/L	ND	1.0	0.29	03/22/21 11:54	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 11:54	
Toluene	ug/L	ND	1.0	0.48	03/22/21 11:54	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 11:54	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 11:54	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 11:54	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 11:54	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 11:54	
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 11:54	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 11:54	
1,2-Dichloroethane-d4 (S)	%	102	70-130		03/22/21 11:54	
4-Bromofluorobenzene (S)	%	98	70-130		03/22/21 11:54	
Toluene-d8 (S)	%	99	70-130		03/22/21 11:54	

LABORATORY CONTROL SAMPLE: 3201406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.7	89	70-130	
1,1,1-Trichloroethane	ug/L	50	42.8	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.9	88	70-130	
1,1,2-Trichloroethane	ug/L	50	46.2	92	70-130	
1,1-Dichloroethane	ug/L	50	42.3	85	70-130	
1,1-Dichloroethene	ug/L	50	42.0	84	70-130	
1,1-Dichloropropene	ug/L	50	42.1	84	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.3	93	70-130	
1,2,3-Trichloropropane	ug/L	50	45.2	90	70-130	
1,2,4-Trichlorobenzene	ug/L	50	47.1	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.9	100	70-130	
1,2-Dichlorobenzene	ug/L	50	44.6	89	70-130	
1,2-Dichloroethane	ug/L	50	44.5	89	70-130	
1,2-Dichloropropane	ug/L	50	44.4	89	70-130	
1,3-Dichlorobenzene	ug/L	50	45.0	90	70-130	
1,3-Dichloropropane	ug/L	50	43.6	87	70-130	
1,4-Dichlorobenzene	ug/L	50	43.4	87	70-130	
2,2-Dichloropropane	ug/L	50	44.7	89	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	91.4	91	70-130	
2-Chlorotoluene	ug/L	50	43.8	88	70-130	
2-Hexanone	ug/L	100	90.8	91	70-130	
4-Chlorotoluene	ug/L	50	44.2	88	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.6	92	70-130	
Acetone	ug/L	100	96.7	97	70-130	
Benzene	ug/L	50	43.8	88	70-130	
Bromobenzene	ug/L	50	43.0	86	70-130	
Bromochloromethane	ug/L	50	44.5	89	70-130	
Bromodichloromethane	ug/L	50	42.2	84	70-130	
Bromoform	ug/L	50	48.0	96	70-130	
Bromomethane	ug/L	50	38.2	76	70-130	
Carbon tetrachloride	ug/L	50	43.2	86	70-130	
Chlorobenzene	ug/L	50	43.7	87	70-130	
Chloroethane	ug/L	50	40.6	81	70-130	
Chloroform	ug/L	50	43.4	87	70-130	
Chloromethane	ug/L	50	37.2	74	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	42.7	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.0	90	70-130	
Dibromochloromethane	ug/L	50	46.8	94	70-130	
Dibromomethane	ug/L	50	48.3	97	70-130	
Dichlorodifluoromethane	ug/L	50	35.3	71	70-130	
Diisopropyl ether	ug/L	50	41.9	84	70-130	
Ethylbenzene	ug/L	50	42.7	85	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.5	91	70-130	
m&p-Xylene	ug/L	100	85.6	86	70-130	
Methyl-tert-butyl ether	ug/L	50	43.9	88	70-130	
Methylene Chloride	ug/L	50	41.8	84	70-130	
Naphthalene	ug/L	50	46.4	93	70-130	
o-Xylene	ug/L	50	42.2	84	70-130	
p-Isopropyltoluene	ug/L	50	43.5	87	70-130	
Styrene	ug/L	50	43.4	87	70-130	
Tetrachloroethene	ug/L	50	42.9	86	70-130	
Toluene	ug/L	50	43.8	88	70-130	
trans-1,2-Dichloroethene	ug/L	50	42.9	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.8	92	70-130	
Trichloroethene	ug/L	50	44.6	89	70-130	
Trichlorofluoromethane	ug/L	50	37.9	76	70-130	
Vinyl acetate	ug/L	100	97.9	98	70-130	
Vinyl chloride	ug/L	50	38.7	77	70-130	
Xylene (Total)	ug/L	150	128	85	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			102	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201407 3201408

Parameter	Units	92527960004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.1	18.9	95	95	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	18.8	100	94	82-143	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.0	18.9	85	95	70-136	11	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	26.7	22.3	133	111	70-135	18	30	
1,1-Dichloroethane	ug/L	ND	20	20	18.7	17.8	94	89	70-139	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	23.3	22.6	116	113	70-154	3	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.3	18.7	97	93	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.4	19.1	97	95	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.0	18.9	85	94	71-137	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.3	20.1	96	100	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.0	19.1	95	95	65-134	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.8	19.4	99	97	70-133	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.4	18.5	97	92	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.9	19.3	95	96	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	19.8	99	99	70-135	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.9	18.9	99	95	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	18.8	94	94	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	19.3	101	97	61-148	5	30	
2-Butanone (MEK)	ug/L	ND	40	40	36.8	35.3	92	88	60-139	4	30	
2-Chlorotoluene	ug/L	ND	20	20	20.1	20.6	100	103	70-144	3	30	
2-Hexanone	ug/L	ND	40	40	37.3	36.1	93	90	65-138	3	30	
4-Chlorotoluene	ug/L	ND	20	20	18.7	19.5	94	97	70-137	4	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	42.7	42.5	107	106	65-135	1	30	
Acetone	ug/L	ND	40	40	37.7	41.1	94	103	60-148	9	30	
Benzene	ug/L	ND	20	20	19.8	20.1	99	101	70-151	2	30	
Bromobenzene	ug/L	ND	20	20	20.2	19.9	101	100	70-136	1	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.4	95	92	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	18.0	18.0	90	90	70-138	0	30	
Bromoform	ug/L	ND	20	20	17.2	17.9	86	89	63-130	4	30	
Bromomethane	ug/L	ND	20	20	18.3	17.3	92	86	15-152	6	30	v3
Carbon tetrachloride	ug/L	ND	20	20	21.0	21.1	105	106	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	20.3	19.7	101	98	70-138	3	30	
Chloroethane	ug/L	ND	20	20	19.1	19.3	96	96	52-163	1	30	
Chloroform	ug/L	ND	20	20	18.9	18.0	95	90	70-139	5	30	
Chloromethane	ug/L	ND	20	20	15.7	15.4	78	77	41-139	2	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.7	17.6	94	88	70-141	6	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.1	18.9	96	95	70-137	1	30	
Dibromochloromethane	ug/L	ND	20	20	19.2	18.1	96	90	70-134	6	30	
Dibromomethane	ug/L	ND	20	20	20.1	20.8	100	104	70-138	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.2	17.4	91	87	47-155	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.5	16.5	87	83	63-144	6	30	
Ethylbenzene	ug/L	ND	20	20	19.6	19.3	98	96	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.1	20.5	101	103	65-149	2	30	
m&p-Xylene	ug/L	ND	40	40	38.7	38.5	97	96	69-152	0	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201407 3201408

Parameter	Units	92527960004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	18.5	19.9	92	99	54-156	7	30	
Methylene Chloride	ug/L	ND	20	20	17.8	19.3	89	97	42-159	8	30	
Naphthalene	ug/L	ND	20	20	18.2	19.0	91	95	61-148	5	30	
o-Xylene	ug/L	ND	20	20	18.9	18.8	95	94	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	19.9	20.1	99	101	70-146	1	30	
Styrene	ug/L	ND	20	20	19.1	19.0	96	95	70-135	1	30	
Tetrachloroethene	ug/L	ND	20	20	18.6	19.6	93	98	59-143	6	30	
Toluene	ug/L	ND	20	20	20.3	19.5	101	97	59-148	4	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.6	20.3	93	102	70-146	9	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.0	21.5	120	108	70-135	11	30	
Trichloroethene	ug/L	ND	20	20	20.5	20.3	103	101	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	23.2	20.9	116	104	70-148	11	30	
Vinyl acetate	ug/L	ND	40	40	40.2	38.3	100	96	49-151	5	30	
Vinyl chloride	ug/L	ND	20	20	17.7	16.8	88	84	70-156	5	30	
Xylene (Total)	ug/L	ND	60	60	57.6	57.3	96	96	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						99	96	70-130			
4-Bromofluorobenzene (S)	%						90	95	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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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607691
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012

METHOD BLANK: 3201436
Matrix: Water
Associated Lab Samples: 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/19/21 00:14	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/19/21 00:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/19/21 00:14	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/19/21 00:14	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/19/21 00:14	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/19/21 00:14	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/19/21 00:14	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/19/21 00:14	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/19/21 00:14	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/19/21 00:14	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/19/21 00:14	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 00:14	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/19/21 00:14	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/19/21 00:14	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 00:14	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/19/21 00:14	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/19/21 00:14	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/19/21 00:14	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/19/21 00:14	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 00:14	
2-Hexanone	ug/L	ND	5.0	0.48	03/19/21 00:14	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 00:14	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/19/21 00:14	
Acetone	ug/L	ND	25.0	5.1	03/19/21 00:14	
Benzene	ug/L	ND	1.0	0.34	03/19/21 00:14	
Bromobenzene	ug/L	ND	1.0	0.29	03/19/21 00:14	
Bromochloromethane	ug/L	ND	1.0	0.47	03/19/21 00:14	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/19/21 00:14	
Bromoform	ug/L	ND	1.0	0.34	03/19/21 00:14	
Bromomethane	ug/L	ND	2.0	1.7	03/19/21 00:14	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/19/21 00:14	
Chlorobenzene	ug/L	ND	1.0	0.28	03/19/21 00:14	
Chloroethane	ug/L	ND	1.0	0.65	03/19/21 00:14	
Chloroform	ug/L	ND	5.0	1.6	03/19/21 00:14	
Chloromethane	ug/L	ND	1.0	0.54	03/19/21 00:14	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/19/21 00:14	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 00:14	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/19/21 00:14	
Dibromomethane	ug/L	ND	1.0	0.39	03/19/21 00:14	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3201436 Matrix: Water
Associated Lab Samples: 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/19/21 00:14	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/19/21 00:14	
Ethylbenzene	ug/L	ND	1.0	0.30	03/19/21 00:14	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/19/21 00:14	
m&p-Xylene	ug/L	ND	2.0	0.71	03/19/21 00:14	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/19/21 00:14	
Methylene Chloride	ug/L	ND	5.0	2.0	03/19/21 00:14	
Naphthalene	ug/L	ND	1.0	0.64	03/19/21 00:14	
o-Xylene	ug/L	ND	1.0	0.34	03/19/21 00:14	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/19/21 00:14	
Styrene	ug/L	ND	1.0	0.29	03/19/21 00:14	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/19/21 00:14	
Toluene	ug/L	ND	1.0	0.48	03/19/21 00:14	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/19/21 00:14	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 00:14	
Trichloroethene	ug/L	ND	1.0	0.38	03/19/21 00:14	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/19/21 00:14	
Vinyl acetate	ug/L	ND	2.0	1.3	03/19/21 00:14	
Vinyl chloride	ug/L	ND	1.0	0.39	03/19/21 00:14	
Xylene (Total)	ug/L	ND	1.0	0.34	03/19/21 00:14	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/19/21 00:14	
4-Bromofluorobenzene (S)	%	95	70-130		03/19/21 00:14	
Toluene-d8 (S)	%	99	70-130		03/19/21 00:14	

LABORATORY CONTROL SAMPLE: 3201437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.9	96	70-130	
1,1,1-Trichloroethane	ug/L	50	45.3	91	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.2	92	70-130	
1,1,2-Trichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethane	ug/L	50	44.4	89	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	70-130	
1,1-Dichloropropene	ug/L	50	44.6	89	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.7	97	70-130	
1,2,3-Trichloropropane	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	70-130	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dichloroethane	ug/L	50	43.7	87	70-130	
1,2-Dichloropropane	ug/L	50	46.2	92	70-130	
1,3-Dichlorobenzene	ug/L	50	49.2	98	70-130	
1,3-Dichloropropane	ug/L	50	46.9	94	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.7	99	70-130	
2,2-Dichloropropane	ug/L	50	45.3	91	70-130	
2-Butanone (MEK)	ug/L	100	78.7	79	70-130	
2-Chlorotoluene	ug/L	50	46.7	93	70-130	
2-Hexanone	ug/L	100	87.2	87	70-130	
4-Chlorotoluene	ug/L	50	44.9	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.9	87	70-130	
Acetone	ug/L	100	92.0	92	70-130	
Benzene	ug/L	50	44.9	90	70-130	
Bromobenzene	ug/L	50	46.2	92	70-130	
Bromochloromethane	ug/L	50	48.1	96	70-130	
Bromodichloromethane	ug/L	50	43.8	88	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	48.2	96	70-130	
Carbon tetrachloride	ug/L	50	48.1	96	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	43.2	86	70-130	
Chloroform	ug/L	50	43.8	88	70-130	
Chloromethane	ug/L	50	41.3	83	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	43.5	87	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.1	94	70-130	
Dibromochloromethane	ug/L	50	48.4	97	70-130	
Dibromomethane	ug/L	50	49.4	99	70-130	
Dichlorodifluoromethane	ug/L	50	48.1	96	70-130	
Diisopropyl ether	ug/L	50	41.2	82	70-130	
Ethylbenzene	ug/L	50	47.1	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.3	93	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	44.3	89	70-130	
Methylene Chloride	ug/L	50	42.5	85	70-130	
Naphthalene	ug/L	50	49.6	99	70-130	
o-Xylene	ug/L	50	48.1	96	70-130	
p-Isopropyltoluene	ug/L	50	47.8	96	70-130	
Styrene	ug/L	50	48.4	97	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
Toluene	ug/L	50	47.5	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.8	94	70-130	
Trichloroethene	ug/L	50	49.1	98	70-130	
Trichlorofluoromethane	ug/L	50	48.1	96	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	
Vinyl chloride	ug/L	50	44.5	89	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			99	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202375 3202376

Parameter	Units	92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.4	21.1	102	105	73-134	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	20.7	100	103	82-143	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.4	20.2	97	101	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.1	20.0	101	100	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.1	19.7	95	98	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.9	21.4	104	107	70-154	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.5	19.9	98	100	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.1	20.9	101	104	70-135	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.9	20.7	104	103	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.3	21.0	101	105	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.2	20.9	101	105	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	21.0	103	105	70-133	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.1	18.9	90	95	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.6	19.1	98	96	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.6	21.0	103	105	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.5	99	103	70-143	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.1	21.5	106	107	70-133	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.8	19.9	99	99	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	40	40	38.2	38.3	95	96	60-139	0	30	v3
2-Chlorotoluene	ug/L	ND	20	20	20.1	20.2	101	101	70-144	0	30	
2-Hexanone	ug/L	ND	40	40	37.2	38.5	93	96	65-138	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.1	19.8	96	99	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.2	37.7	93	94	65-135	1	30	
Acetone	ug/L	ND	40	40	40.6	46.2	101	115	60-148	13	30	
Benzene	ug/L	ND	20	20	19.8	20.1	99	100	70-151	1	30	
Bromobenzene	ug/L	ND	20	20	20.4	20.8	102	104	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	20.2	20.9	101	104	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	18.5	19.2	93	96	70-138	3	30	
Bromoform	ug/L	ND	20	20	19.8	20.5	99	102	63-130	4	30	
Bromomethane	ug/L	ND	20	20	19.0	21.7	95	108	15-152	13	30	v3
Carbon tetrachloride	ug/L	ND	20	20	22.0	21.8	110	109	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	21.2	21.8	106	109	70-138	2	30	
Chloroethane	ug/L	ND	20	20	24.1	24.6	121	123	52-163	2	30	
Chloroform	ug/L	ND	20	20	18.9	19.4	94	97	70-139	3	30	
Chloromethane	ug/L	ND	20	20	16.6	15.8	83	79	41-139	5	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.7	19.2	94	96	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.7	20.1	98	100	70-137	2	30	
Dibromochloromethane	ug/L	ND	20	20	20.4	21.0	102	105	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	21.1	22.2	105	111	70-138	5	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.7	21.0	103	105	47-155	2	30	
Diisopropyl ether	ug/L	ND	20	20	17.0	17.4	85	87	63-144	3	30	
Ethylbenzene	ug/L	ND	20	20	20.5	21.0	103	105	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	21.2	103	106	65-149	3	30	
m&p-Xylene	ug/L	ND	40	40	41.8	42.3	104	106	69-152	1	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202375 3202376

Parameter	Units	92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	18.4	19.3	92	97	54-156	5	30	
Methylene Chloride	ug/L	ND	20	20	17.9	18.4	89	92	42-159	3	30	
Naphthalene	ug/L	ND	20	20	20.9	20.7	105	104	61-148	1	30	
o-Xylene	ug/L	ND	20	20	20.5	21.0	103	105	70-148	2	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.0	21.5	105	107	70-146	2	30	
Styrene	ug/L	ND	20	20	19.9	20.5	99	102	70-135	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.4	21.9	107	110	59-143	2	30	
Toluene	ug/L	ND	20	20	20.8	20.9	104	104	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.5	20.0	97	100	70-146	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.5	19.6	98	98	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	21.3	21.9	107	110	70-147	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	25.1	25.8	126	129	70-148	3	30	
Vinyl acetate	ug/L	ND	40	40	40.5	40.7	101	102	49-151	1	30	
Vinyl chloride	ug/L	ND	20	20	19.0	19.9	95	99	70-156	4	30	
Xylene (Total)	ug/L	ND	60	60	62.3	63.3	104	106	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						97	97	70-130			
Toluene-d8 (S)	%						98	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607695
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960001

METHOD BLANK: 3201479 Matrix: Water
Associated Lab Samples: 92527960001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/19/21 17:57	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/19/21 17:57	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/19/21 17:57	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/19/21 17:57	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/19/21 17:57	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/19/21 17:57	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/19/21 17:57	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/19/21 17:57	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/19/21 17:57	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/19/21 17:57	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/19/21 17:57	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 17:57	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/19/21 17:57	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/19/21 17:57	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 17:57	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/19/21 17:57	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/19/21 17:57	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/19/21 17:57	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/19/21 17:57	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 17:57	
2-Hexanone	ug/L	ND	5.0	0.48	03/19/21 17:57	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 17:57	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/19/21 17:57	
Acetone	ug/L	ND	25.0	5.1	03/19/21 17:57	
Benzene	ug/L	ND	1.0	0.34	03/19/21 17:57	
Bromobenzene	ug/L	ND	1.0	0.29	03/19/21 17:57	
Bromochloromethane	ug/L	ND	1.0	0.47	03/19/21 17:57	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/19/21 17:57	
Bromoform	ug/L	ND	1.0	0.34	03/19/21 17:57	IK
Bromomethane	ug/L	ND	2.0	1.7	03/19/21 17:57	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/19/21 17:57	
Chlorobenzene	ug/L	ND	1.0	0.28	03/19/21 17:57	
Chloroethane	ug/L	ND	1.0	0.65	03/19/21 17:57	
Chloroform	ug/L	ND	5.0	1.6	03/19/21 17:57	
Chloromethane	ug/L	ND	1.0	0.54	03/19/21 17:57	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/19/21 17:57	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 17:57	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/19/21 17:57	
Dibromomethane	ug/L	ND	1.0	0.39	03/19/21 17:57	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/19/21 17:57	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3201479 Matrix: Water
Associated Lab Samples: 92527960001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/19/21 17:57	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/19/21 17:57	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/19/21 17:57	
m&p-Xylene	ug/L	ND	2.0	0.71	03/19/21 17:57	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/19/21 17:57	
Methylene Chloride	ug/L	ND	5.0	2.0	03/19/21 17:57	
Naphthalene	ug/L	ND	1.0	0.64	03/19/21 17:57	
o-Xylene	ug/L	ND	1.0	0.34	03/19/21 17:57	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/19/21 17:57	
Styrene	ug/L	ND	1.0	0.29	03/19/21 17:57	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/19/21 17:57	
Toluene	ug/L	ND	1.0	0.48	03/19/21 17:57	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/19/21 17:57	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 17:57	
Trichloroethene	ug/L	ND	1.0	0.38	03/19/21 17:57	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/19/21 17:57	
Vinyl acetate	ug/L	ND	2.0	1.3	03/19/21 17:57	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/19/21 17:57	
Xylene (Total)	ug/L	ND	1.0	0.34	03/19/21 17:57	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/19/21 17:57	
4-Bromofluorobenzene (S)	%	100	70-130		03/19/21 17:57	
Toluene-d8 (S)	%	109	70-130		03/19/21 17:57	

LABORATORY CONTROL SAMPLE: 3201480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	60.0	120	70-130	
1,1,1-Trichloroethane	ug/L	50	53.6	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	59.8	120	70-130	
1,1,2-Trichloroethane	ug/L	50	59.6	119	70-130	
1,1-Dichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethene	ug/L	50	49.6	99	70-130	
1,1-Dichloropropene	ug/L	50	49.3	99	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.0	122	70-130	
1,2,3-Trichloropropane	ug/L	50	58.1	116	70-130	
1,2,4-Trichlorobenzene	ug/L	50	58.4	117	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.3	121	70-130	
1,2-Dichlorobenzene	ug/L	50	56.3	113	70-130	
1,2-Dichloroethane	ug/L	50	53.5	107	70-130	
1,2-Dichloropropane	ug/L	50	59.5	119	70-130	
1,3-Dichlorobenzene	ug/L	50	59.7	119	70-130	
1,3-Dichloropropane	ug/L	50	54.5	109	70-130	
1,4-Dichlorobenzene	ug/L	50	53.9	108	70-130	
2,2-Dichloropropane	ug/L	50	53.8	108	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	103	103	70-130	
2-Chlorotoluene	ug/L	50	58.6	117	70-130	
2-Hexanone	ug/L	100	117	117	70-130	
4-Chlorotoluene	ug/L	50	58.0	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-130	
Acetone	ug/L	100	113	113	70-130	
Benzene	ug/L	50	58.3	117	70-130	
Bromobenzene	ug/L	50	56.4	113	70-130	
Bromochloromethane	ug/L	50	51.2	102	70-130	
Bromodichloromethane	ug/L	50	53.4	107	70-130	
Bromoform	ug/L	50	51.7	103	70-130	IK
Bromomethane	ug/L	50	52.6	105	70-130	
Carbon tetrachloride	ug/L	50	52.6	105	70-130	
Chlorobenzene	ug/L	50	59.4	119	70-130	
Chloroethane	ug/L	50	56.4	113	70-130	
Chloroform	ug/L	50	55.1	110	70-130	
Chloromethane	ug/L	50	49.5	99	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	61.2	122	70-130	
Dibromochloromethane	ug/L	50	54.0	108	70-130	
Dibromomethane	ug/L	50	52.2	104	70-130	
Dichlorodifluoromethane	ug/L	50	43.0	86	70-130	
Diisopropyl ether	ug/L	50	59.0	118	70-130	IK
Ethylbenzene	ug/L	50	57.5	115	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.2	104	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	59.5	119	70-130	
Methylene Chloride	ug/L	50	50.2	100	70-130	
Naphthalene	ug/L	50	58.6	117	70-130	
o-Xylene	ug/L	50	55.7	111	70-130	
p-Isopropyltoluene	ug/L	50	59.2	118	70-130	
Styrene	ug/L	50	57.6	115	70-130	
Tetrachloroethene	ug/L	50	56.3	113	70-130	
Toluene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	58.8	118	70-130	
Trichloroethene	ug/L	50	59.3	119	70-130	
Trichlorofluoromethane	ug/L	50	46.7	93	70-130	
Vinyl acetate	ug/L	100	108	108	70-130	IK
Vinyl chloride	ug/L	50	47.2	94	70-130	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			96	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3203681 3203682

Parameter	Units	92527960001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	201	195	100	98	73-134	3	30	
1,1,1-Trichloroethane	ug/L	ND	200	200	205	201	103	100	82-143	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	208	200	104	100	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	191	181	96	90	70-135	6	30	
1,1-Dichloroethane	ug/L	ND	200	200	203	206	102	103	70-139	1	30	
1,1-Dichloroethene	ug/L	ND	200	200	205	207	102	104	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	200	200	190	186	95	93	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	200	200	251	241	126	121	70-135	4	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	200	195	100	98	71-137	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	251	232	126	116	73-140	8	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	221	224	110	112	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	235	226	117	113	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	200	200	194	191	97	95	70-137	2	30	
1,2-Dichloropropane	ug/L	ND	200	200	219	201	110	100	70-140	9	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	242	234	121	117	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	200	200	182	167	91	84	70-143	8	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	221	213	111	107	70-133	4	30	
2,2-Dichloropropane	ug/L	ND	200	200	219	219	109	109	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	400	400	356	355	89	89	60-139	0	30	
2-Chlorotoluene	ug/L	ND	200	200	244	224	122	112	70-144	8	30	
2-Hexanone	ug/L	ND	400	400	446	425	111	106	65-138	5	30	
4-Chlorotoluene	ug/L	ND	200	200	237	224	118	112	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	381	373	95	93	65-135	2	30	
Acetone	ug/L	ND	400	400	380	416	95	104	60-148	9	30	
Benzene	ug/L	11.1	200	200	238	223	113	106	70-151	6	30	
Bromobenzene	ug/L	ND	200	200	222	209	111	104	70-136	6	30	
Bromochloromethane	ug/L	ND	200	200	209	208	104	104	70-141	0	30	
Bromodichloromethane	ug/L	ND	200	200	200	199	100	100	70-138	0	30	
Bromoform	ug/L	ND	200	200	175	169	88	84	63-130	4	30	IK
Bromomethane	ug/L	ND	200	200	191	185	96	93	15-152	3	30	v3
Carbon tetrachloride	ug/L	ND	200	200	219	219	110	109	70-143	0	30	
Chlorobenzene	ug/L	ND	200	200	228	224	114	112	70-138	2	30	
Chloroethane	ug/L	ND	200	200	202	200	101	100	52-163	1	30	
Chloroform	ug/L	ND	200	200	214	211	107	106	70-139	1	30	
Chloromethane	ug/L	ND	200	200	168	184	84	92	41-139	9	30	
cis-1,2-Dichloroethene	ug/L	ND	200	200	202	199	101	100	70-141	1	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	212	191	106	96	70-137	11	30	
Dibromochloromethane	ug/L	ND	200	200	178	169	89	85	70-134	5	30	
Dibromomethane	ug/L	ND	200	200	205	206	102	103	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	200	200	152	151	76	76	47-155	1	30	
Diisopropyl ether	ug/L	ND	200	200	185	189	93	95	63-144	2	30	IK
Ethylbenzene	ug/L	23.5	200	200	263	248	120	112	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	200	200	235	219	118	110	65-149	7	30	
m&p-Xylene	ug/L	14.2J	400	400	484	454	117	110	69-152	6	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3203681 3203682

Parameter	Units	92527960001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	200	200	188	199	94	100	54-156	6	30	
Methylene Chloride	ug/L	ND	200	200	202	204	101	102	42-159	1	30	
Naphthalene	ug/L	938	200	200	1500	1740	282	400	61-148	15	30	M1
o-Xylene	ug/L	11.9	200	200	249	231	119	110	70-148	7	30	
p-Isopropyltoluene	ug/L	ND	200	200	260	245	130	122	70-146	6	30	
Styrene	ug/L	ND	200	200	223	207	112	104	70-135	8	30	
Tetrachloroethene	ug/L	ND	200	200	224	210	112	105	59-143	7	30	
Toluene	ug/L	6.4J	200	200	218	211	106	102	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	197	195	98	97	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	198	193	99	96	70-135	2	30	
Trichloroethene	ug/L	ND	200	200	219	215	110	107	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	200	200	188	190	94	95	70-148	1	30	
Vinyl acetate	ug/L	117	400	400	381	389	66	68	49-151	2	30	IK
Vinyl chloride	ug/L	ND	200	200	188	188	94	94	70-156	0	30	
Xylene (Total)	ug/L	26.1	600	600	733	685	118	110	63-158	7	30	
1,2-Dichloroethane-d4 (S)	%						94	106	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						101	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 608458
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960015

METHOD BLANK: 3205005 Matrix: Water
Associated Lab Samples: 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 11:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 11:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 11:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 11:09	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 11:09	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 11:09	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 11:09	
Acetone	ug/L	ND	25.0	5.1	03/23/21 11:09	
Benzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 11:09	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 11:09	IK
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 11:09	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 11:09	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 11:09	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 11:09	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3205005 Matrix: Water
Associated Lab Samples: 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 11:09	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 11:09	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 11:09	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 11:09	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 11:09	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 11:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 11:09	
Styrene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Toluene	ug/L	ND	1.0	0.48	03/23/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 11:09	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 11:09	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 11:09	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/23/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		03/23/21 11:09	
Toluene-d8 (S)	%	105	70-130		03/23/21 11:09	

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.1	114	70-130	
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.3	109	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethene	ug/L	50	48.9	98	70-130	
1,1-Dichloropropene	ug/L	50	46.6	93	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.9	124	70-130	
1,2,3-Trichloropropane	ug/L	50	54.7	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.7	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.2	116	70-130	
1,2-Dichlorobenzene	ug/L	50	57.5	115	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-130	
1,2-Dichloropropane	ug/L	50	54.7	109	70-130	
1,3-Dichlorobenzene	ug/L	50	61.0	122	70-130	
1,3-Dichloropropane	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	56.4	113	70-130	
2,2-Dichloropropane	ug/L	50	54.0	108	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	58.2	116	70-130	
2-Hexanone	ug/L	100	111	111	70-130	
4-Chlorotoluene	ug/L	50	57.4	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.8	99	70-130	
Acetone	ug/L	100	102	102	70-130	
Benzene	ug/L	50	54.9	110	70-130	
Bromobenzene	ug/L	50	57.9	116	70-130	
Bromochloromethane	ug/L	50	53.2	106	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	49.0	98	70-130	IK
Bromomethane	ug/L	50	49.1	98	70-130	v3
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	57.2	114	70-130	
Chloroethane	ug/L	50	55.5	111	70-130	
Chloroform	ug/L	50	50.0	100	70-130	
Chloromethane	ug/L	50	43.3	87	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	56.9	114	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	50.4	101	70-130	IK
Ethylbenzene	ug/L	50	54.8	110	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	55.5	111	70-130	
Methylene Chloride	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	57.9	116	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
p-Isopropyltoluene	ug/L	50	59.8	120	70-130	
Styrene	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	54.8	110	70-130	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.2	112	70-130	
Trichloroethene	ug/L	50	56.8	114	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	70-130	
Vinyl acetate	ug/L	100	99.9	100	70-130	IK
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			95	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3205007 3205008

Parameter	Units	92527960015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	546	538	109	108	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	551	591	110	118	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	539	568	108	114	70-136	5	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	543	561	109	112	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	500	500	540	552	108	110	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	500	500	564	557	113	111	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	500	500	494	486	99	97	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	578	652	116	130	70-135	12	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	535	544	107	109	71-137	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	587	671	117	134	73-140	13	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	530	625	106	125	65-134	16	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	596	644	119	129	70-133	8	30	
1,2-Dichloroethane	ug/L	ND	500	500	521	562	104	112	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	500	500	579	609	116	122	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	622	653	124	131	70-135	5	30	
1,3-Dichloropropane	ug/L	ND	500	500	479	476	96	95	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	570	634	114	127	70-133	11	30	
2,2-Dichloropropane	ug/L	ND	500	500	551	587	110	117	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	1000	1000	819	928	82	93	60-139	13	30	
2-Chlorotoluene	ug/L	ND	500	500	610	711	122	142	70-144	15	30	
2-Hexanone	ug/L	ND	1000	1000	981	1140	98	114	65-138	15	30	
4-Chlorotoluene	ug/L	ND	500	500	599	633	120	127	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1000	1000	990	1020	99	102	65-135	3	30	
Acetone	ug/L	ND	1000	1000	1100	1100	110	110	60-148	0	30	
Benzene	ug/L	1600	500	500	2270	2280	134	137	70-151	1	30	
Bromobenzene	ug/L	ND	500	500	596	639	119	128	70-136	7	30	
Bromochloromethane	ug/L	ND	500	500	561	566	112	113	70-141	1	30	
Bromodichloromethane	ug/L	ND	500	500	570	561	114	112	70-138	2	30	
Bromoform	ug/L	ND	500	500	432	448	86	90	63-130	4	30	IK
Bromomethane	ug/L	ND	500	500	501	517	100	103	15-152	3	30	v3
Carbon tetrachloride	ug/L	ND	500	500	626	598	125	120	70-143	5	30	
Chlorobenzene	ug/L	ND	500	500	596	600	119	120	70-138	1	30	
Chloroethane	ug/L	ND	500	500	577	579	115	116	52-163	0	30	
Chloroform	ug/L	ND	500	500	568	532	114	106	70-139	7	30	
Chloromethane	ug/L	ND	500	500	464	521	93	104	41-139	12	30	
cis-1,2-Dichloroethene	ug/L	ND	500	500	512	546	102	109	70-141	6	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	572	590	114	118	70-137	3	30	
Dibromochloromethane	ug/L	ND	500	500	453	492	91	98	70-134	8	30	
Dibromomethane	ug/L	ND	500	500	565	593	113	119	70-138	5	30	
Dichlorodifluoromethane	ug/L	ND	500	500	556	574	111	115	47-155	3	30	
Diisopropyl ether	ug/L	ND	500	500	498	498	100	100	63-144	0	30	IK
Ethylbenzene	ug/L	209	500	500	790	789	116	116	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	571	625	114	125	65-149	9	30	
m&p-Xylene	ug/L	62.1	1000	1000	1230	1260	117	119	69-152	2	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3205007 3205008

Parameter	Units	92527960015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	500	500	494	529	99	106	54-156	7	30	
Methylene Chloride	ug/L	ND	500	500	530	524	106	105	42-159	1	30	
Naphthalene	ug/L	1750	500	500	2400	2630	130	175	61-148	9	30	M1
o-Xylene	ug/L	54.4	500	500	630	629	115	115	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	500	500	623	673	125	135	70-146	8	30	
Styrene	ug/L	ND	500	500	569	579	114	116	70-135	2	30	
Tetrachloroethene	ug/L	ND	500	500	547	580	109	116	59-143	6	30	
Toluene	ug/L	23.5J	500	500	604	605	116	116	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	500	500	556	577	111	115	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	500	500	545	555	109	111	70-135	2	30	
Trichloroethene	ug/L	ND	500	500	620	619	124	124	70-147	0	30	
Trichlorofluoromethane	ug/L	ND	500	500	537	571	107	114	70-148	6	30	
Vinyl acetate	ug/L	ND	1000	1000	987	1030	99	103	49-151	5	30	IK
Vinyl chloride	ug/L	ND	500	500	470	551	94	110	70-156	16	30	
Xylene (Total)	ug/L	116	1500	1500	1870	1890	117	118	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						101	104	70-130			
4-Bromofluorobenzene (S)	%						98	95	70-130			
Toluene-d8 (S)	%						103	100	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607212
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015

METHOD BLANK: 3198851
Matrix: Water
Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/18/21 16:59	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/18/21 16:59	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/18/21 16:59	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/18/21 16:59	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/18/21 16:59	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/18/21 16:59	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/18/21 16:59	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/18/21 16:59	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/18/21 16:59	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/18/21 16:59	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/18/21 16:59	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/18/21 16:59	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/18/21 16:59	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/18/21 16:59	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/18/21 16:59	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/18/21 16:59	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/18/21 16:59	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/18/21 16:59	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/18/21 16:59	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/18/21 16:59	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/18/21 16:59	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/18/21 16:59	
Acenaphthene	ug/L	ND	10.0	2.0	03/18/21 16:59	
Acenaphthylene	ug/L	ND	10.0	2.0	03/18/21 16:59	
Aniline	ug/L	ND	10.0	1.6	03/18/21 16:59	
Anthracene	ug/L	ND	10.0	2.3	03/18/21 16:59	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/18/21 16:59	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/18/21 16:59	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/18/21 16:59	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/18/21 16:59	
Benzoic Acid	ug/L	ND	50.0	3.4	03/18/21 16:59	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/18/21 16:59	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/18/21 16:59	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/18/21 16:59	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3198851 Matrix: Water

Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/18/21 16:59	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/18/21 16:59	
Chrysene	ug/L	ND	10.0	2.8	03/18/21 16:59	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/18/21 16:59	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/18/21 16:59	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/18/21 16:59	
Dibenzofuran	ug/L	ND	10.0	2.1	03/18/21 16:59	
Diethylphthalate	ug/L	ND	10.0	2.0	03/18/21 16:59	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/18/21 16:59	
Fluoranthene	ug/L	ND	10.0	2.2	03/18/21 16:59	
Fluorene	ug/L	ND	10.0	2.1	03/18/21 16:59	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/18/21 16:59	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/18/21 16:59	
Hexachloroethane	ug/L	ND	10.0	1.4	03/18/21 16:59	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/18/21 16:59	
Isophorone	ug/L	ND	10.0	1.7	03/18/21 16:59	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/18/21 16:59	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/18/21 16:59	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/18/21 16:59	
Nitrobenzene	ug/L	ND	10.0	1.9	03/18/21 16:59	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/18/21 16:59	
Phenanthrene	ug/L	ND	10.0	2.0	03/18/21 16:59	
Phenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
Pyrene	ug/L	ND	10.0	2.2	03/18/21 16:59	
2,4,6-Tribromophenol (S)	%	131	10-144		03/18/21 16:59	
2-Fluorobiphenyl (S)	%	111	10-130		03/18/21 16:59	
2-Fluorophenol (S)	%	82	10-130		03/18/21 16:59	
Nitrobenzene-d5 (S)	%	114	10-144		03/18/21 16:59	
Phenol-d6 (S)	%	65	10-130		03/18/21 16:59	
Terphenyl-d14 (S)	%	167	34-163		03/18/21 16:59	S3

LABORATORY CONTROL SAMPLE: 3198852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	37.6	75	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.2	74	28-130	
2,4,5-Trichlorophenol	ug/L	50	54.2	108	35-130	
2,4,6-Trichlorophenol	ug/L	50	49.4	99	31-130	
2,4-Dichlorophenol	ug/L	50	44.1	88	35-130	
2,4-Dimethylphenol	ug/L	50	45.1	90	34-130	
2,4-Dinitrophenol	ug/L	250	278	111	10-153	
2,4-Dinitrotoluene	ug/L	50	53.9	108	37-136	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3198852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	52.5	105	33-136	
2-Chloronaphthalene	ug/L	50	40.9	82	26-130	
2-Chlorophenol	ug/L	50	38.5	77	37-130	
2-Methylnaphthalene	ug/L	50	37.1	74	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	35-130	
2-Nitroaniline	ug/L	100	107	107	37-130	
2-Nitrophenol	ug/L	50	42.2	84	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.7	75	34-130	
3,3'-Dichlorobenzidine	ug/L	100	119	119	34-136	
3-Nitroaniline	ug/L	100	107	107	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	21-157	
4-Bromophenylphenyl ether	ug/L	50	59.5	119	38-130	
4-Chloro-3-methylphenol	ug/L	100	98.6	99	37-130	
4-Chloroaniline	ug/L	100	86.1	86	38-130	
4-Chlorophenylphenyl ether	ug/L	50	50.2	100	33-130	
4-Nitroaniline	ug/L	100	113	113	42-137	
4-Nitrophenol	ug/L	250	180	72	10-130	
Acenaphthene	ug/L	50	47.3	95	33-130	
Acenaphthylene	ug/L	50	47.8	96	35-130	
Aniline	ug/L	50	35.2	70	22-130	
Anthracene	ug/L	50	59.1	118	48-130	
Benzo(a)anthracene	ug/L	50	62.0	124	48-137	
Benzo(b)fluoranthene	ug/L	50	65.1	130	52-138	
Benzo(g,h,i)perylene	ug/L	50	58.0	116	48-140	
Benzo(k)fluoranthene	ug/L	50	64.4	129	48-139	
Benzoic Acid	ug/L	250	137	55	10-130	
Benzyl alcohol	ug/L	100	84.5	85	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	42.4	85	34-130	
bis(2-Chloroethyl) ether	ug/L	50	42.1	84	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.5	133	32-165	
Butylbenzylphthalate	ug/L	50	63.6	127	34-161	
Chrysene	ug/L	50	61.5	123	47-131	
Di-n-butylphthalate	ug/L	50	64.1	128	39-144	
Di-n-octylphthalate	ug/L	50	62.9	126	30-170	
Dibenz(a,h)anthracene	ug/L	50	59.8	120	49-138	
Dibenzofuran	ug/L	50	49.7	99	33-130	
Diethylphthalate	ug/L	50	53.6	107	38-131	
Dimethylphthalate	ug/L	50	51.8	104	37-130	
Fluoranthene	ug/L	50	61.5	123	46-137	
Fluorene	ug/L	50	51.9	104	37-130	
Hexachlorobenzene	ug/L	50	55.7	111	38-130	
Hexachlorocyclopentadiene	ug/L	50	29.7	59	10-130	
Hexachloroethane	ug/L	50	28.5	57	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	59.6	119	41-130	
Isophorone	ug/L	50	44.0	88	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.6	85	36-130	
N-Nitrosodimethylamine	ug/L	50	35.8	72	34-130	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3198852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	55.2	110	37-130	
Nitrobenzene	ug/L	50	42.2	84	36-130	
Pentachlorophenol	ug/L	100	123	123	23-149	
Phenanthrene	ug/L	50	57.8	116	44-130	
Phenol	ug/L	50	26.3	53	18-130	
Pyrene	ug/L	50	62.0	124	47-134	
2,4,6-Tribromophenol (S)	%			142	10-144	
2-Fluorobiphenyl (S)	%			89	10-130	
2-Fluorophenol (S)	%			64	10-130	
Nitrobenzene-d5 (S)	%			89	10-144	
Phenol-d6 (S)	%			52	10-130	
Terphenyl-d14 (S)	%			153	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198853 3198854

Parameter	Units	92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	50	50	40.3	53.4	81	107	10-130	28	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	48.0	55.4	96	111	12-142	14	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	55.7	62.2	111	124	10-143	11	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	53.9	59.1	108	118	10-147	9	30	
2,4-Dichlorophenol	ug/L	ND	50	50	53.1	58.5	106	117	10-138	10	30	
2,4-Dimethylphenol	ug/L	ND	50	50	52.5	59.6	105	119	25-130	13	30	
2,4-Dinitrophenol	ug/L	ND	250	250	275	109	110	44	10-165	86	30	R1
2,4-Dinitrotoluene	ug/L	ND	50	50	57.4	64.3	115	129	29-148	11	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	58.5	65.0	117	130	26-146	11	30	
2-Chloronaphthalene	ug/L	ND	50	50	42.6	56.2	85	112	11-130	27	30	
2-Chlorophenol	ug/L	ND	50	50	50.9	54.3	102	109	10-133	6	30	
2-Methylnaphthalene	ug/L	ND	50	50	40.6	53.5	81	107	13-130	27	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	49.0	51.7	98	103	20-130	5	30	
2-Nitroaniline	ug/L	ND	100	100	111	125	111	125	24-136	12	30	
2-Nitrophenol	ug/L	ND	50	50	54.5	61.6	109	123	10-153	12	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	46.7	47.9	93	96	16-130	3	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	107	132	107	132	10-153	21	30	
3-Nitroaniline	ug/L	ND	100	100	106	126	106	126	22-151	17	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	122	121	122	121	10-180	0	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	61.0	70.1	122	140	25-130	14	30	M1
4-Chloro-3-methylphenol	ug/L	ND	100	100	103	117	103	117	25-133	13	30	
4-Chloroaniline	ug/L	ND	100	100	92.7	113	93	113	14-132	20	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	49.2	59.4	98	119	19-130	19	30	
4-Nitroaniline	ug/L	ND	100	100	116	131	116	131	29-150	12	30	
4-Nitrophenol	ug/L	ND	250	250	183	150	73	60	10-130	20	30	
Acenaphthene	ug/L	ND	50	50	49.7	60.2	99	120	16-130	19	30	
Acenaphthylene	ug/L	ND	50	50	51.2	61.2	102	122	15-137	18	30	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198853 3198854

Parameter	Units	92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	50	50	29.1	45.9	58	92	10-130	45	30	R1
Anthracene	ug/L	ND	50	50	58.4	66.8	117	134	37-136	13	30	
Benzo(a)anthracene	ug/L	ND	50	50	61.7	69.3	123	139	40-145	12	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	64.4	71.1	129	142	39-151	10	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	59.9	71.4	120	143	40-147	17	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	61.1	66.8	122	134	40-146	9	30	
Benzoic Acid	ug/L	ND	250	250	170	ND	68	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	107	110	107	110	25-130	3	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	52.2	60.3	104	121	23-130	14	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	56.0	61.8	112	124	25-130	10	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	68.2	76.1	136	152	28-166	11	30	
Butylbenzylphthalate	ug/L	ND	50	50	69.3	75.1	139	150	33-165	8	30	
Chrysene	ug/L	ND	50	50	60.6	66.2	121	132	38-141	9	30	
Di-n-butylphthalate	ug/L	ND	50	50	61.4	68.5	123	137	32-153	11	30	
Di-n-octylphthalate	ug/L	ND	50	50	65.7	73.1	131	146	30-175	11	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	60.6	68.9	121	138	39-148	13	30	
Dibenzofuran	ug/L	ND	50	50	50.9	60.6	102	121	20-130	17	30	
Diethylphthalate	ug/L	ND	50	50	55.7	60.7	111	121	28-142	9	30	
Dimethylphthalate	ug/L	ND	50	50	52.9	61.1	106	122	26-136	14	30	
Fluoranthene	ug/L	ND	50	50	59.4	67.9	119	136	39-143	13	30	
Fluorene	ug/L	ND	50	50	53.5	62.2	107	124	24-132	15	30	
Hexachlorobenzene	ug/L	ND	50	50	51.3	59.9	103	120	29-130	16	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	32.3	44.5	65	89	10-130	32	30	R1
Hexachloroethane	ug/L	ND	50	50	34.2	39.6	68	79	10-130	15	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	61.6	70.5	123	141	39-148	13	30	
Isophorone	ug/L	ND	50	50	51.9	59.6	104	119	23-130	14	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	54.4	61.2	109	122	25-130	12	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	48.5	48.0	97	96	22-130	1	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	55.0	62.3	110	125	26-134	12	30	
Nitrobenzene	ug/L	ND	50	50	50.0	58.8	100	118	25-130	16	30	
Pentachlorophenol	ug/L	ND	100	100	124	141	124	141	10-175	12	30	
Phenanthrene	ug/L	ND	50	50	56.1	64.0	112	128	36-133	13	30	
Phenol	ug/L	ND	50	50	32.9	30.7	66	61	10-130	7	30	
Pyrene	ug/L	ND	50	50	63.4	71.3	127	143	40-143	12	30	
2,4,6-Tribromophenol (S)	%						133	149	10-144			S0
2-Fluorobiphenyl (S)	%						95	115	10-130			
2-Fluorophenol (S)	%						79	81	10-130			
Nitrobenzene-d5 (S)	%						106	121	10-144			
Phenol-d6 (S)	%						66	61	10-130			
Terphenyl-d14 (S)	%						150	158	34-163			

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607656
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960016

METHOD BLANK: 3201093 Matrix: Water
Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/19/21 09:23	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/19/21 09:23	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/19/21 09:23	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/19/21 09:23	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/19/21 09:23	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/19/21 09:23	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/19/21 09:23	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/19/21 09:23	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/19/21 09:23	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/19/21 09:23	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/19/21 09:23	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/19/21 09:23	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/19/21 09:23	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/19/21 09:23	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/19/21 09:23	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/19/21 09:23	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/19/21 09:23	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/19/21 09:23	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/19/21 09:23	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/19/21 09:23	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/19/21 09:23	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/19/21 09:23	
Acenaphthene	ug/L	ND	10.0	2.0	03/19/21 09:23	
Acenaphthylene	ug/L	ND	10.0	2.0	03/19/21 09:23	
Aniline	ug/L	ND	10.0	1.6	03/19/21 09:23	
Anthracene	ug/L	ND	10.0	2.3	03/19/21 09:23	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/19/21 09:23	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/19/21 09:23	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/19/21 09:23	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/19/21 09:23	
Benzoic Acid	ug/L	ND	50.0	3.4	03/19/21 09:23	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/19/21 09:23	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/19/21 09:23	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/19/21 09:23	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/19/21 09:23	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/19/21 09:23	v1
Chrysene	ug/L	ND	10.0	2.8	03/19/21 09:23	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

METHOD BLANK: 3201093 Matrix: Water
Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/19/21 09:23	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/19/21 09:23	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/19/21 09:23	
Dibenzofuran	ug/L	ND	10.0	2.1	03/19/21 09:23	
Diethylphthalate	ug/L	ND	10.0	2.0	03/19/21 09:23	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/19/21 09:23	
Fluoranthene	ug/L	ND	10.0	2.2	03/19/21 09:23	
Fluorene	ug/L	ND	10.0	2.1	03/19/21 09:23	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/19/21 09:23	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/19/21 09:23	
Hexachloroethane	ug/L	ND	10.0	1.4	03/19/21 09:23	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/19/21 09:23	
Isophorone	ug/L	ND	10.0	1.7	03/19/21 09:23	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/19/21 09:23	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/19/21 09:23	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/19/21 09:23	
Nitrobenzene	ug/L	ND	10.0	1.9	03/19/21 09:23	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/19/21 09:23	
Phenanthrene	ug/L	ND	10.0	2.0	03/19/21 09:23	
Phenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
Pyrene	ug/L	ND	10.0	2.2	03/19/21 09:23	
2,4,6-Tribromophenol (S)	%	105	10-144		03/19/21 09:23	
2-Fluorobiphenyl (S)	%	77	10-130		03/19/21 09:23	
2-Fluorophenol (S)	%	67	10-130		03/19/21 09:23	
Nitrobenzene-d5 (S)	%	92	10-144		03/19/21 09:23	
Phenol-d6 (S)	%	55	10-130		03/19/21 09:23	
Terphenyl-d14 (S)	%	142	34-163		03/19/21 09:23	

LABORATORY CONTROL SAMPLE: 3201094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	35.0	70	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	39.9	80	28-130	
2,4,5-Trichlorophenol	ug/L	50	47.9	96	35-130	
2,4,6-Trichlorophenol	ug/L	50	44.4	89	31-130	
2,4-Dichlorophenol	ug/L	50	46.0	92	35-130	
2,4-Dimethylphenol	ug/L	50	46.2	92	34-130	
2,4-Dinitrophenol	ug/L	250	236	94	10-153	
2,4-Dinitrotoluene	ug/L	50	51.2	102	37-136	
2,6-Dinitrotoluene	ug/L	50	52.4	105	33-136	
2-Chloronaphthalene	ug/L	50	38.7	77	26-130	
2-Chlorophenol	ug/L	50	42.8	86	37-130	
2-Methylnaphthalene	ug/L	50	34.4	69	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.3	83	35-130	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	97.0	97	37-130	
2-Nitrophenol	ug/L	50	46.7	93	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.8	80	34-130	
3,3'-Dichlorobenzidine	ug/L	100	101	101	34-136	
3-Nitroaniline	ug/L	100	96.2	96	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	109	109	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.1	112	38-130	
4-Chloro-3-methylphenol	ug/L	100	88.1	88	37-130	
4-Chloroaniline	ug/L	100	85.1	85	38-130	
4-Chlorophenylphenyl ether	ug/L	50	45.7	91	33-130	
4-Nitroaniline	ug/L	100	100	100	42-137	
4-Nitrophenol	ug/L	250	146	59	10-130	
Acenaphthene	ug/L	50	43.9	88	33-130	
Acenaphthylene	ug/L	50	44.2	88	35-130	
Aniline	ug/L	50	36.5	73	22-130	
Anthracene	ug/L	50	53.3	107	48-130	
Benzo(a)anthracene	ug/L	50	56.8	114	48-137	
Benzo(b)fluoranthene	ug/L	50	59.8	120	52-138	
Benzo(g,h,i)perylene	ug/L	50	61.3	123	48-140	
Benzo(k)fluoranthene	ug/L	50	58.0	116	48-139	
Benzoic Acid	ug/L	250	141	56	10-130	
Benzyl alcohol	ug/L	100	89.0	89	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	46.5	93	34-130	
bis(2-Chloroethyl) ether	ug/L	50	47.0	94	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	64.3	129	32-165	
Butylbenzylphthalate	ug/L	50	61.3	123	34-161	v1
Chrysene	ug/L	50	55.1	110	47-131	
Di-n-butylphthalate	ug/L	50	57.1	114	39-144	
Di-n-octylphthalate	ug/L	50	57.0	114	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.1	120	49-138	
Dibenzofuran	ug/L	50	45.5	91	33-130	
Diethylphthalate	ug/L	50	50.0	100	38-131	
Dimethylphthalate	ug/L	50	48.6	97	37-130	
Fluoranthene	ug/L	50	53.9	108	46-137	
Fluorene	ug/L	50	47.2	94	37-130	
Hexachlorobenzene	ug/L	50	49.7	99	38-130	
Hexachlorocyclopentadiene	ug/L	50	24.2	48	10-130	
Hexachloroethane	ug/L	50	16.0	32	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	61.4	123	41-130	
Isophorone	ug/L	50	45.0	90	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	45.4	91	36-130	
N-Nitrosodimethylamine	ug/L	50	40.7	81	34-130	
N-Nitrosodiphenylamine	ug/L	50	50.2	100	37-130	
Nitrobenzene	ug/L	50	43.4	87	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	52.0	104	44-130	
Phenol	ug/L	50	27.8	56	18-130	

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	59.1	118	47-134	
2,4,6-Tribromophenol (S)	%			112	10-144	
2-Fluorobiphenyl (S)	%			67	10-130	
2-Fluorophenol (S)	%			63	10-130	
Nitrobenzene-d5 (S)	%			86	10-144	
Phenol-d6 (S)	%			50	10-130	
Terphenyl-d14 (S)	%			129	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201095 3201096

Parameter	Units	92527967008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	50	50	38.4	48.1	77	96	10-130	23	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	47.2	47.0	94	94	12-142	0	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	51.5	60.1	103	120	10-143	15	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	46.8	56.3	94	113	10-147	19	30	
2,4-Dichlorophenol	ug/L	ND	50	50	51.7	57.3	103	115	10-138	10	30	
2,4-Dimethylphenol	ug/L	ND	50	50	52.3	57.2	105	114	25-130	9	30	
2,4-Dinitrophenol	ug/L	ND	250	250	36.1J	127	14	51	10-165		30	
2,4-Dinitrotoluene	ug/L	ND	50	50	53.8	62.7	108	125	29-148	15	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	55.8	63.1	112	126	26-146	12	30	
2-Chloronaphthalene	ug/L	ND	50	50	43.4	53.7	87	107	11-130	21	30	
2-Chlorophenol	ug/L	ND	50	50	49.4	51.7	99	103	10-133	4	30	
2-Methylnaphthalene	ug/L	ND	50	50	38.0	47.9	76	96	13-130	23	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	46.8	49.9	94	100	20-130	6	30	
2-Nitroaniline	ug/L	ND	100	100	107	121	107	121	24-136	12	30	
2-Nitrophenol	ug/L	ND	50	50	53.7	58.6	107	117	10-153	9	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	44.1	47.7	88	95	16-130	8	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	104	117	104	117	10-153	12	30	
3-Nitroaniline	ug/L	ND	100	100	105	118	105	118	22-151	12	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	63.2	103	63	103	10-180	48	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	59.9	68.3	120	137	25-130	13	30	M1
4-Chloro-3-methylphenol	ug/L	ND	100	100	99.4	108	99	108	25-133	8	30	
4-Chloroaniline	ug/L	ND	100	100	96.6	102	97	102	14-132	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	49.8	57.8	100	116	19-130	15	30	
4-Nitroaniline	ug/L	ND	100	100	106	123	106	123	29-150	15	30	
4-Nitrophenol	ug/L	ND	250	250	80.6	149	32	60	10-130	60	30	R1
Acenaphthene	ug/L	ND	50	50	49.1	58.5	98	117	16-130	18	30	
Acenaphthylene	ug/L	ND	50	50	50.1	59.4	100	119	15-137	17	30	
Aniline	ug/L	ND	50	50	42.8	44.6	86	89	10-130	4	30	
Anthracene	ug/L	ND	50	50	54.6	61.7	109	123	37-136	12	30	
Benzo(a)anthracene	ug/L	ND	50	50	57.6	65.5	115	131	40-145	13	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	58.1	67.4	116	135	39-151	15	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	63.1	71.3	126	143	40-147	12	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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201095 3201096

Parameter	Units	92527967008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(k)fluoranthene	ug/L	ND	50	50	60.6	69.1	121	138	40-146	13	30	
Benzoic Acid	ug/L	ND	250	250	ND	13.5J	0	5	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	101	108	101	108	25-130	6	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	53.4	56.8	107	114	23-130	6	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	55.4	57.1	111	114	25-130	3	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	61.5	71.4	123	143	28-166	15	30	
Butylbenzylphthalate	ug/L	ND	50	50	62.1	70.0	124	140	33-165	12	30	v1
Chrysene	ug/L	ND	50	50	55.4	62.4	111	125	38-141	12	30	
Di-n-butylphthalate	ug/L	ND	50	50	55.3	63.6	111	127	32-153	14	30	
Di-n-octylphthalate	ug/L	ND	50	50	57.7	67.2	115	134	30-175	15	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	62.2	70.5	124	141	39-148	13	30	
Dibenzofuran	ug/L	ND	50	50	50.1	59.5	100	119	20-130	17	30	
Diethylphthalate	ug/L	ND	50	50	53.6	59.6	107	119	28-142	11	30	
Dimethylphthalate	ug/L	ND	50	50	53.1	59.0	106	118	26-136	11	30	
Fluoranthene	ug/L	ND	50	50	53.2	61.6	106	123	39-143	15	30	
Fluorene	ug/L	ND	50	50	52.3	60.0	105	120	24-132	14	30	
Hexachlorobenzene	ug/L	ND	50	50	52.0	58.8	104	118	29-130	12	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	24.5	40.7	49	81	10-130	50	30	R1
Hexachloroethane	ug/L	ND	50	50	13.9	20.3	28	41	10-130	37	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	62.3	71.8	125	144	39-148	14	30	
Isophorone	ug/L	ND	50	50	52.2	56.1	104	112	23-130	7	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	53.9	56.1	108	112	25-130	4	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	44.7	49.7	89	99	22-130	11	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	52.9	59.3	106	119	26-134	11	30	
Nitrobenzene	ug/L	ND	50	50	50.4	53.7	101	107	25-130	6	30	
Pentachlorophenol	ug/L	ND	100	100	51.4	111	48	108	10-175	74	30	R1
Phenanthrene	ug/L	ND	50	50	53.6	59.6	107	119	36-133	11	30	
Phenol	ug/L	ND	50	50	28.7	33.1	57	66	10-130	14	30	
Pyrene	ug/L	ND	50	50	62.1	68.1	124	136	40-143	9	30	
2,4,6-Tribromophenol (S)	%						109	130	10-144			
2-Fluorobiphenyl (S)	%						83	84	10-130			
2-Fluorophenol (S)	%						68	75	10-130			
Nitrobenzene-d5 (S)	%						98	103	10-144			
Phenol-d6 (S)	%						53	60	10-130			
Terphenyl-d14 (S)	%						134	142	34-163			

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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: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607495
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015, 92527960016

METHOD BLANK: 3200345 Matrix: Water
Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/18/21 12:00	
2-Fluorobiphenyl (S)	%	153	61-163		03/18/21 12:00	
Nitrobenzene-d5 (S)	%	144	67-170		03/18/21 12:00	
Terphenyl-d14 (S)	%	151	62-169		03/18/21 12:00	

LABORATORY CONTROL SAMPLE: 3200346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	3.2	129	70-130	
2-Fluorobiphenyl (S)	%			138	61-163	
Nitrobenzene-d5 (S)	%			126	67-170	
Terphenyl-d14 (S)	%			131	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200347 3200348

Parameter	Units	92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.7	2.8	110	114	50-165	4	30	
2-Fluorobiphenyl (S)	%						126	122	61-163			
Nitrobenzene-d5 (S)	%						116	115	67-170			
Terphenyl-d14 (S)	%						115	112	62-169			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607060
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3198386 Matrix: Water
Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/17/21 06:01	

LABORATORY CONTROL SAMPLE: 3198387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198388 3198389

Parameter	Units	92527706002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.55	0.55	110	110	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198390 3198391

Parameter	Units	92527833001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.41	0.42	82	83	80-120	0	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607145
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3198588 Matrix: Water
Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/18/21 09:24	

LABORATORY CONTROL SAMPLE: 3198589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	51.5	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198590 3198591

Parameter	Units	92527951001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	2.9	50	50	57.0	57.9	108	110	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198592 3198593

Parameter	Units	92527960016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	0.56J	50	50	54.4	55.2	108	109	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 608894
QC Batch Method: SM 5310B-2011
Analysis Method: SM 5310B-2011
Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3207029 Matrix: Water
Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	03/25/21 20:51	

LABORATORY CONTROL SAMPLE: 3207030

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	24.1	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207031 3207032

Parameter	Units	92527960014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	3.7	25	25	29.1	29.7	102	104	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207033 3207034

Parameter	Units	92526850003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	ND	25	25	26.2	26.4	103	104	90-110	1	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
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.

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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527960014	MW-29S_WG_20210315	EPA 3010A	607816	EPA 6010D	607840
92527960015	MW-29TZ_WG_20210315	EPA 3010A	607816	EPA 6010D	607840
92527960016	MW-29BR_WG_20210315	EPA 3010A	607816	EPA 6010D	607840
92527960014	MW-29S_WG_20210315	EPA 3010A	607959	EPA 6010D	607994
92527960015	MW-29TZ_WG_20210315	EPA 3010A	607959	EPA 6010D	607994
92527960016	MW-29BR_WG_20210315	EPA 3010A	607959	EPA 6010D	607994
92527960001	MW-1_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960002	MW-5_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960003	MW-22_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960004	MW-40BR_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960005	MW-25R_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960006	MW-41S_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960007	MW-41TZ_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960008	MW-41BR_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960009	MW-34S_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960010	MW-34TZ_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960011	MW-34BR_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960012	FD-02_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960013	FB-04_20210316	EPA 3510C	607212	EPA 8270E	607692
92527960014	MW-29S_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960015	MW-29TZ_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960016	MW-29BR_WG_20210315	EPA 3510C	607656	EPA 8270E	607895
92527960001	MW-1_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960002	MW-5_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960003	MW-22_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960004	MW-40BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960005	MW-25R_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960006	MW-41S_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960007	MW-41TZ_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960008	MW-41BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960009	MW-34S_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960010	MW-34TZ_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960011	MW-34BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960012	FD-02_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960013	FB-04_20210316	EPA 3511	607495	EPA 8270E by SIM	607543
92527960014	MW-29S_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960015	MW-29TZ_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960016	MW-29BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960001	MW-1_WG_20210315	EPA 8260D	607695		
92527960002	MW-5_WG_20210315	EPA 8260D	607687		
92527960003	MW-22_WG_20210315	EPA 8260D	607687		
92527960004	MW-40BR_WG_20210315	EPA 8260D	607687		
92527960005	MW-25R_WG_20210315	EPA 8260D	607691		
92527960006	MW-41S_WG_20210315	EPA 8260D	607691		
92527960007	MW-41TZ_WG_20210315	EPA 8260D	607691		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527960008	**MW-41BR_WG_20210315**	EPA 8260D	607691		
92527960009	**MW-34S_WG_20210315**	EPA 8260D	607691		
92527960010	**MW-34TZ_WG_20210315**	EPA 8260D	607691		
92527960011	**MW-34BR_WG_20210315**	EPA 8260D	607691		
92527960012	**FD-02_WG_20210315**	EPA 8260D	607691		
92527960013	**FB-04_20210316**	EPA 8260D	607687		
92527960014	**MW-29S_WG_20210315**	EPA 8260D	607687		
92527960015	**MW-29TZ_WG_20210315**	EPA 8260D	608458		
92527960016	**MW-29BR_WG_20210315**	EPA 8260D	607666		
92527960017	**TB-06_WG_20210315**	EPA 8260D	607687		
92527960018	**TB-07_WG_20210315**	EPA 8260D	607687		
92527960014	**MW-29S_WG_20210315**	SM 4500-S2D-2011	607060		
92527960015	**MW-29TZ_WG_20210315**	SM 4500-S2D-2011	607060		
92527960016	**MW-29BR_WG_20210315**	SM 4500-S2D-2011	607060		
92527960014	**MW-29S_WG_20210315**	EPA 300.0 Rev 2.1 1993	607145		
92527960015	**MW-29TZ_WG_20210315**	EPA 300.0 Rev 2.1 1993	607145		
92527960016	**MW-29BR_WG_20210315**	EPA 300.0 Rev 2.1 1993	607145		
92527960014	**MW-29S_WG_20210315**	SM 5310B-2011	608894		
92527960015	**MW-29TZ_WG_20210315**	SM 5310B-2011	608894		
92527960016	**MW-29BR_WG_20210315**	SM 5310B-2011	608894		

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: Synta-a

Project #: WO# : 92527960

92527960

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

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

Date/Initials Person Examining Contents: 6/3/16/21

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

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

Thermometer: ☐ IR Gun ID: 43T071 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp: 2.1/3.8/5.8/3.1 **Correction Factor:** Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 2.1/3.8/5.8/3.1

USDA Regulated Soil (☑ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

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

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

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

Project # **WO# : 92527960**

PM: KLH1 Due Date: 03/23/21

CLIENT: 92-Duke Ener

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		3									2		
2																3		3									2		
3																3		3									2		
4																3		3									2		
5																3		3									2		
6																3		3									2		
7																3		3									2		
8																3		3									2		
9																3		3									2		
10																3		3									2		
11		1			1	2	1									3		3	3								2		
12		1				2	1									3		3	3								2		

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# : 92527960

PM: KLH1 Due Date: 03/23/21

CLIENT: 92-Duke Ener

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				2	1									3		3	3								2		
2		1				2	1									3		3	3								2		
3																9		9									6		
4																3		3									2		
5																3		3									2		
6																3		3									2		
7																2													
8																2													
9																3		3									2		
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

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Page : 1 Of 5

Section A — Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	tking@synterracorp.com
Phone: (803)429-3668	Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754

Regulatory Agency: —
State / Location: SC

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

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	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS			Residual Chlorine (Y/N)	
25	MW-3STZ_WG_	WT																	X	X	X								
26	MW-35BR_WG_	WT																	X	X	X								
27	MW-43S_WG_	WT																	X	X	X								
28	MW-43TZ_WG_	WT																	X	X	X								
29	MW-43BR_WG_	WT																	X	X	X	X	X	X	X	X			
30	MW-1_WG_ 20210315	WT			3/15/21	1520		8	5			3							X	X	X								001
31	MW-2TZ_WG_	WT																	X	X	X								
32	MW-2BR_WG_	WT																	X	X	X								
33	MW-3BR_WG_	WT																	X	X	X								
34	MW-3BRL_WG_	WT																	X	X	X								
35	MW-21_WG_	WT																	X	X	X	X	X	X	X	X			
36	MW-21BR_WG	WT																	X	X	X								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	Tyler Wyatt	3.16.21	1145	Pace	3.16.21	1145	
		3.16.21	1330		3/16/21	8:30	2.1 / 3.5 / 3.1

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Wyatt — Tyler Wyatt — 03/16/21 — 1145

SIGNATURE of SAMPLER: — DATE Signed:

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

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Page : 2 Of 5

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency: | State / Location: SC

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	Analysis Test Y/N	Requested Analysis Filtered (Y/N): 8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANK8	Residual Chlorine (Y/N)	
37	MW-21BRL_WG_	WT																	x	x	x							
38	MW-39S_WG_	WT																	x	x	x							
39	MW-39BR_WG_	WT																	x	x	x	x	x	x	x	x		
40	MW-39BRL_WG_	WT																	x	x	x	x	x	x	x	x		
41	MW-45BR_WG_	WT																	x	x	x	x	x	x	x	x		
42	MW-46BR_WG_	WT																	x	x	x	x	x	x	x	x		
43	MW-47BR_WG_	WT																	x	x	x	x	x	x	x	x		
44	MW-5_WG_ 20210315	WT			3/15/21	1029			8	5			3						x	x	x							002
45	MW-22_WG_ 20210315	WT			3/15/21	0937			8	5			3						x	x	x							003
46	MW-40BR_WG_ 20210315	WT			3/15/21	0959			8	5			3						x	x	x							004
47	MW-38S_WG_	WT																	x	x	x							
48	MW-38BR_WG	WT																	x	x	x	x	x	x	x	x		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	Tyler Wyatt	3-16-21	1145		3.16.21	1145	
		3.16.21	1330				

SAMPLE CONDITIONS	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	2.1			
	2.5	x	—	x
	5.3			
	2.1			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Wyatt

SIGNATURE of SAMPLER: Tyler Wyatt

DATE Signed: 3/16/21

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page : 3 Of 5

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
	Suite 220, Greenville, SC 29601			Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax:	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency: | State / Location: SC

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

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	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test (Y/N)	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)	
49	MW-25R_WG_20210315	WT				3/15/21	1311		8	5			3						X	X	X							005
50	MW-41S_WG_20210315	WT				3/15/21	1036		8	5			3						X	X	X							006
51	MW-41TZ_WG_20210315	WT				3/15/21	0939		8	5			3						X	X	X							007
52	MW-41BR_WG_20210315 MW-41TZ_WG- GSD 3/15/21	WT				3/15/21	0959		8	5			3						X	X	X							008
53	MW-30S_WG_	WT																	X	X	X							
54	MW-30TZ_WG_	WT																	X	X	X							
55	MW-31S_WG_	WT																	X	X	X							
56	MW-31TZ_WG_	WT																	X	X	X	X	X	X	X	X		
57	MW-32S_WG_	WT																	X	X	X							
58	MW-32TZ_WG_	WT																	X	X	X							
59	MW-33S_WG_	WT																	X	X	X							
60	MW-33TZ_WG_	WT																	X	X	X							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	Tyler Wyatt / Pace	3/16/21	1145	/ Pace	3.16.21	1145	
	/ Pace	3.16.21	1330		3/16/21	13:30	2.1 5.5 5.5 3.1

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Tyler Wyatt
SIGNATURE of SAMPLER: Tyler Wyatt
DATE Signed: 3/16/21

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

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Page : 4 Of 5

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax:	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency: —

State / Location: SC

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	Analysis Test (Y/N)	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)	
13	MW-37TZ_WG_	WT																	X	X	X							
14	MW-37BR_WG_	WT																	X	X	X							
15	MW-42S_WG_	WT																	X	X	X							
16	MW-42TZ_WG_	WT																	X	X	X							
17	MW-42BR_WG_	WT																	X	X	X							
18	MW-29S_WG_20210315	WT			3/15/21	1531			15	6		2	3				4		X	X	X	X	X	X	X	X		014
19	MW-29TZ_WG_20210315	WT			3/15/21	1440			15	6		2	3				4		X	X	X	X	X	X	X	X		015
20	MW-29BR_WG_20210315	WT			3/15/21	1376			15	6		2	3				4		X	X	X	X	X	X	X	X		016
21	MW-34S_WG_20210315	WT			3/15/21	1021			8	8			9						X	X	X							MS/MSD 009
22	MW-34TZ_WG_20210315	WT			3/15/21	1315			8	5			3						X	X	X							010
23	MW-34BR_WG_20210315	WT			3/15/21	1418			8	5			3						X	X	X							011
24	MW-35S_WG	WT																	X	X	X							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	Tyler Wright / Pace	3/16/21	1145	/ Pace	3-16-21	1145	2.1
	/ Pace	3-16-21	1330	/	3/16/21	1330	3.8
							5.4
							3.5

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Wright

SIGNATURE of SAMPLER: Tyler Wright

DATE Signed: 3/16/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3.8	X		X
5.4			
3.5			

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Page : 5 Of 5

Section A – Required Client Information:		Section B – Required Project Information:		Section C – Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax:	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:		Project #:		Pace Profile #:	7754

Regulatory Agency: —
State / Location: SC

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

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	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test (Y/N)	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)
61	MW-44TZ_WG_	WT																									
62	MW-44BR_WG_	WT																									
63	FD-01_WG_	WT																									
64	FD-02_WG_20210315	WT			3/15/21	—			8	5			3														012
65	FD-03_WG_	WT																									
66	TB-06_WG_20210315	WT			—	—			2				2													X	017
67	TB-07_WG_20210315	WT			—	—			2				2													X	018
68	FB-04_20210316	WT			3/16/21	0810			8	5			3														013
69		WT																									
70		WT																									
71																											
72																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Level 4 data report required	Tyler Wright	3-16-21	1145	Pace	3.16.21	1145
	Pace	3-16-21	1330		3/16/21	13:30

SAMPLE CONDITIONS

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
2.1	Y	—	X
2.6			
3.5			
2.2			

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Wright

SIGNATURE of SAMPLER: Tyler Wright

DATE Signed: 3/16/21

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

March 22, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Charlotte

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

Sincerely,

Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

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

CERTIFICATIONS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

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 SUMMARY

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92528011001	**RI-SB-13_SO_0.5-1.0_20210315**	Solid	03/15/21 10:35	03/16/21 11:45
92528011002	**RI-SB-13_SO_5.5-6.0_20210315**	Solid	03/15/21 10:35	03/16/21 11:45
92528011003	**RI-SB-14_SO_0.5-1.0_20210315**	Solid	03/15/21 10:40	03/16/21 11:45
92528011004	**RI-SB-14_SO_5.5-6.0_20210315**	Solid	03/15/21 10:40	03/16/21 11:45
92528011005	**RI-SB-15_SO_0.5-1.0_20210315**	Solid	03/15/21 11:30	03/16/21 11:45
92528011006	**RI-SB-15_SO_5.5-6.0_20210315**	Solid	03/15/21 11:35	03/16/21 11:45
92528011007	**RI-SB-16_SO_0.5-1.0_20210315**	Solid	03/15/21 11:45	03/16/21 11:45
92528011008	**RI-SB-16_SO_5.5-6.0_20210315**	Solid	03/15/21 11:50	03/16/21 11:45
92528011009	**RI-SB-17_SO_0.5-1.0_20210315**	Solid	03/15/21 13:30	03/16/21 11:45
92528011010	**RI-SB-17_SO_5.5-6.0_20210315**	Solid	03/15/21 13:35	03/16/21 11:45
92528011011	**RI-SB-18_SO_0.5-1.0_20210315**	Solid	03/15/21 13:45	03/16/21 11:45
92528011012	**RI-SB-18_SO_5.5-6.0_20210315**	Solid	03/15/21 13:50	03/16/21 11:45
92528011013	**RI-SB-21_SO_0.5-1.0_20210315**	Solid	03/15/21 15:05	03/16/21 11:45
92528011014	**RI-SB-21_SO_5.5-6.0_20210315**	Solid	03/15/21 15:10	03/16/21 11:45
92528011015	**RI-SB-22_SO_0.5-1.0_20210315**	Solid	03/15/21 15:25	03/16/21 11:45
92528011016	**RI-SB-22_SO_5.5-6.0_20210315**	Solid	03/15/21 15:30	03/16/21 11:45
92528011017	**RI-SB-23_SO_0.5-1.0_20210315**	Solid	03/15/21 15:35	03/16/21 11:45
92528011018	**RI-SB-23_SO_5.5-6.0_20210315**	Solid	03/15/21 15:40	03/16/21 11:45
92528011019	**RI-SB-24_SO_0.5-1.0_20210315**	Solid	03/15/21 15:55	03/16/21 11:45
92528011020	**RI-SB-24_SO_5.5-6.0_20210315**	Solid	03/15/21 16:00	03/16/21 11:45
92528011021	**TRIP BLANK**	Water	03/15/21 00:00	03/16/21 11:45

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

SAMPLE ANALYTE COUNT

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528011001	**RI-SB-13_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011002	**RI-SB-13_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011003	**RI-SB-14_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011004	**RI-SB-14_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011005	**RI-SB-15_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011006	**RI-SB-15_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011007	**RI-SB-16_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011008	**RI-SB-16_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011009	**RI-SB-17_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011010	**RI-SB-17_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011011	**RI-SB-18_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011012	**RI-SB-18_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011013	**RI-SB-21_SO_0.5-1.0_20210315**	SW-846	KDF	1	PASI-C

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SAMPLE ANALYTE COUNT

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528011014	**RI-SB-21_SO_5.5-6.0_20210315**	SW-846	KDF	1	PASI-C
92528011015	**RI-SB-22_SO_0.5-1.0_20210315**	SW-846	KDF	1	PASI-C
92528011016	**RI-SB-22_SO_5.5-6.0_20210315**	SW-846	KDF	1	PASI-C
92528011017	**RI-SB-23_SO_0.5-1.0_20210315**	SW-846	KDF	1	PASI-C
92528011018	**RI-SB-23_SO_5.5-6.0_20210315**	SW-846	KDF	1	PASI-C
92528011019	**RI-SB-24_SO_0.5-1.0_20210315**	SW-846	KDF	1	PASI-C
92528011020	**RI-SB-24_SO_5.5-6.0_20210315**	SW-846	KDF	1	PASI-C
92528011021	**TRIP BLANK**	EPA 8260D	CL	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528011001	**RI-SB-13_SO_0.5-1.0_20210315**					
SW-846	Percent Moisture	14.3	%	0.10	03/17/21 14:11	N2
92528011002	**RI-SB-13_SO_5.5-6.0_20210315**					
EPA 8270E	Benzo(a)anthracene	291J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Benzo(b)fluoranthene	330J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Chrysene	271J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Fluoranthene	574	ug/kg	557	03/18/21 09:44	
EPA 8270E	Phenanthrene	219J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Pyrene	556J	ug/kg	557	03/18/21 09:44	
EPA 8260D	Acetone	139J	ug/kg	386	03/17/21 22:35	
EPA 8260D	2-Butanone (MEK)	97.5J	ug/kg	386	03/17/21 22:35	
EPA 8260D	Chlorobenzene	11.9J	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Ethylbenzene	40.6	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Isopropylbenzene (Cumene)	95.2	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	p-Isopropyltoluene	54.1	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Naphthalene	315	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Toluene	32.5	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	1,2,4-Trimethylbenzene	66.7	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	1,3,5-Trimethylbenzene	24.9	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Xylene (Total)	153	ug/kg	38.6	03/17/21 22:35	
EPA 8260D	m&p-Xylene	90.6	ug/kg	38.6	03/17/21 22:35	
EPA 8260D	o-Xylene	62.3	ug/kg	19.3	03/17/21 22:35	
SW-846	Percent Moisture	41.1	%	0.10	03/17/21 14:11	N2
92528011003	**RI-SB-14_SO_0.5-1.0_20210315**					
EPA 8260D	Naphthalene	29.7	ug/kg	7.0	03/17/21 17:54	
EPA 8260D	Toluene	12.8	ug/kg	7.0	03/17/21 17:54	
EPA 8260D	1,2,4-Trimethylbenzene	11.0	ug/kg	7.0	03/17/21 17:54	
EPA 8260D	Xylene (Total)	32.5	ug/kg	13.9	03/17/21 17:54	
EPA 8260D	m&p-Xylene	20.5	ug/kg	13.9	03/17/21 17:54	
EPA 8260D	o-Xylene	12.0	ug/kg	7.0	03/17/21 17:54	
SW-846	Percent Moisture	11.8	%	0.10	03/17/21 14:11	N2
92528011004	**RI-SB-14_SO_5.5-6.0_20210315**					
EPA 8270E	Benzo(a)anthracene	269J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Benzo(b)fluoranthene	333J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Chrysene	255J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Fluoranthene	598	ug/kg	493	03/18/21 11:15	
EPA 8270E	Phenanthrene	406J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Pyrene	505	ug/kg	493	03/18/21 11:15	
EPA 8260D	Acetone	164J	ug/kg	256	03/17/21 22:53	
EPA 8260D	2-Butanone (MEK)	81.0J	ug/kg	256	03/17/21 22:53	
EPA 8260D	Chlorobenzene	20.8	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	1,4-Dichlorobenzene	6.5J	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Ethylbenzene	32.8	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Isopropylbenzene (Cumene)	97.8	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	p-Isopropyltoluene	70.4	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Naphthalene	203	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Toluene	20.0	ug/kg	12.8	03/17/21 22:53	

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528011004	**RI-SB-14_SO_5.5-6.0_20210315**					
EPA 8260D	1,2,4-Trimethylbenzene	33.4	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Xylene (Total)	74.1	ug/kg	25.6	03/17/21 22:53	
EPA 8260D	m&p-Xylene	43.7	ug/kg	25.6	03/17/21 22:53	
EPA 8260D	o-Xylene	30.4	ug/kg	12.8	03/17/21 22:53	
SW-846	Percent Moisture	33.1	%	0.10	03/17/21 14:12	N2
92528011005	**RI-SB-15_SO_0.5-1.0_20210315**					
EPA 8270E	Acenaphthene	214J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Acenaphthylene	169J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Anthracene	376	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(a)anthracene	801	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(b)fluoranthene	944	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(g,h,i)perylene	436	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(k)fluoranthene	398	ug/kg	372	03/18/21 11:46	
EPA 8270E	Chrysene	822	ug/kg	372	03/18/21 11:46	
EPA 8270E	Dibenzofuran	260J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Fluoranthene	1370	ug/kg	372	03/18/21 11:46	
EPA 8270E	Fluorene	289J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Indeno(1,2,3-cd)pyrene	370J	ug/kg	372	03/18/21 11:46	
EPA 8270E	1-Methylnaphthalene	458	ug/kg	372	03/18/21 11:46	
EPA 8270E	2-Methylnaphthalene	520	ug/kg	372	03/18/21 11:46	
EPA 8270E	Phenanthrene	1470	ug/kg	372	03/18/21 11:46	
EPA 8270E	Pyrene	1400	ug/kg	372	03/18/21 11:46	
EPA 8260D	Benzene	41.8	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Chlorobenzene	7.0	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Ethylbenzene	23.4	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Isopropylbenzene (Cumene)	5.7J	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	p-Isopropyltoluene	9.6	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Naphthalene	372	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Styrene	3.8J	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Toluene	64.6	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	1,2,4-Trimethylbenzene	19.2	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	1,3,5-Trimethylbenzene	6.8	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Xylene (Total)	70.4	ug/kg	12.5	03/17/21 18:11	
EPA 8260D	m&p-Xylene	49.8	ug/kg	12.5	03/17/21 18:11	
EPA 8260D	o-Xylene	20.6	ug/kg	6.3	03/17/21 18:11	
SW-846	Percent Moisture	11.9	%	0.10	03/17/21 14:12	N2
92528011006	**RI-SB-15_SO_5.5-6.0_20210315**					
EPA 8270E	Acenaphthene	269J	ug/kg	517	03/18/21 12:47	
EPA 8270E	Acenaphthylene	185J	ug/kg	517	03/18/21 12:47	
EPA 8270E	Anthracene	716	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(a)anthracene	1640	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(b)fluoranthene	2020	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(g,h,i)perylene	975	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(k)fluoranthene	791	ug/kg	517	03/18/21 12:47	
EPA 8270E	Chrysene	1530	ug/kg	517	03/18/21 12:47	
EPA 8270E	Fluoranthene	3920	ug/kg	517	03/18/21 12:47	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528011006	**RI-SB-15_SO_5.5-6.0_20210315**					
EPA 8270E	Fluorene	329J	ug/kg	517	03/18/21 12:47	
EPA 8270E	Indeno(1,2,3-cd)pyrene	800	ug/kg	517	03/18/21 12:47	
EPA 8270E	Phenanthrene	2730	ug/kg	517	03/18/21 12:47	
EPA 8270E	Pyrene	3540	ug/kg	517	03/18/21 12:47	
EPA 8260D	Chlorobenzene	6.8J	ug/kg	10	03/17/21 18:29	
EPA 8260D	Isopropylbenzene (Cumene)	20.6	ug/kg	10	03/17/21 18:29	
EPA 8260D	p-Isopropyltoluene	34.3	ug/kg	10	03/17/21 18:29	
EPA 8260D	Naphthalene	60.0	ug/kg	10	03/17/21 18:29	
EPA 8260D	Toluene	5.1J	ug/kg	10	03/17/21 18:29	
EPA 8260D	1,2,4-Trimethylbenzene	13.0	ug/kg	10	03/17/21 18:29	
EPA 8260D	Xylene (Total)	15.7J	ug/kg	19.9	03/17/21 18:29	
EPA 8260D	m&p-Xylene	15.7J	ug/kg	19.9	03/17/21 18:29	
SW-846	Percent Moisture	36.8	%	0.10	03/17/21 14:12	N2
92528011007	**RI-SB-16_SO_0.5-1.0_20210315**					
EPA 8260D	Naphthalene	7.8	ug/kg	6.2	03/19/21 00:27	
EPA 8260D	Toluene	9.7	ug/kg	6.2	03/19/21 00:27	
EPA 8260D	1,2,4-Trimethylbenzene	3.4J	ug/kg	6.2	03/19/21 00:27	
EPA 8260D	Xylene (Total)	10.5J	ug/kg	12.4	03/19/21 00:27	
EPA 8260D	m&p-Xylene	10.5J	ug/kg	12.4	03/19/21 00:27	
SW-846	Percent Moisture	14.2	%	0.10	03/17/21 14:12	N2
92528011008	**RI-SB-16_SO_5.5-6.0_20210315**					
EPA 8270E	Acenaphthene	7710	ug/kg	516	03/18/21 13:49	E
EPA 8270E	Anthracene	17300	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(a)anthracene	23800	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(b)fluoranthene	21300	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(g,h,i)perylene	9630	ug/kg	516	03/18/21 13:49	
EPA 8270E	Benzo(k)fluoranthene	8160	ug/kg	516	03/18/21 13:49	
EPA 8270E	Chrysene	23000	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Dibenz(a,h)anthracene	2920	ug/kg	516	03/18/21 13:49	
EPA 8270E	Dibenzofuran	4160	ug/kg	516	03/18/21 13:49	
EPA 8270E	Fluoranthene	58500	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Fluorene	10200	ug/kg	516	03/18/21 13:49	E
EPA 8270E	Indeno(1,2,3-cd)pyrene	9200	ug/kg	516	03/18/21 13:49	
EPA 8270E	1-Methylnaphthalene	1490	ug/kg	516	03/18/21 13:49	
EPA 8270E	2-Methylnaphthalene	695	ug/kg	516	03/18/21 13:49	
EPA 8270E	Phenanthrene	55400	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Pyrene	48100	ug/kg	10300	03/18/21 22:41	
EPA 8260D	Acetone	83.5J	ug/kg	215	03/17/21 23:11	
EPA 8260D	2-Butanone (MEK)	74.6J	ug/kg	215	03/17/21 23:11	
EPA 8260D	Chlorobenzene	40.2	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	1,4-Dichlorobenzene	12.2	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Ethylbenzene	10.8	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Isopropylbenzene (Cumene)	173	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	p-Isopropyltoluene	56.9	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Naphthalene	1410	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Styrene	5.8J	ug/kg	10.7	03/17/21 23:11	

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528011008	**RI-SB-16_SO_5.5-6.0_20210315**					
EPA 8260D	Toluene	17.2	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	1,2,4-Trimethylbenzene	107	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	1,3,5-Trimethylbenzene	43.0	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Xylene (Total)	131	ug/kg	21.5	03/17/21 23:11	
EPA 8260D	m&p-Xylene	69.5	ug/kg	21.5	03/17/21 23:11	
EPA 8260D	o-Xylene	61.1	ug/kg	10.7	03/17/21 23:11	
SW-846	Percent Moisture	35.9	%	0.10	03/17/21 14:12	N2
92528011009	**RI-SB-17_SO_0.5-1.0_20210315**					
EPA 8260D	Naphthalene	8.0J	ug/kg	8.7	03/17/21 19:04	C8
EPA 8260D	Toluene	12.7	ug/kg	8.7	03/17/21 19:04	
EPA 8260D	Xylene (Total)	11.4J	ug/kg	17.4	03/17/21 19:04	
EPA 8260D	m&p-Xylene	11.4J	ug/kg	17.4	03/17/21 19:04	
SW-846	Percent Moisture	20.1	%	0.10	03/17/21 14:12	N2
92528011010	**RI-SB-17_SO_5.5-6.0_20210315**					
EPA 8260D	Toluene	5.0J	ug/kg	6.4	03/17/21 19:22	
SW-846	Percent Moisture	21.7	%	0.10	03/17/21 14:12	N2
92528011011	**RI-SB-18_SO_0.5-1.0_20210315**					
SW-846	Percent Moisture	20.4	%	0.10	03/17/21 14:12	N2
92528011012	**RI-SB-18_SO_5.5-6.0_20210315**					
SW-846	Percent Moisture	22.5	%	0.10	03/17/21 14:12	N2
92528011013	**RI-SB-21_SO_0.5-1.0_20210315**					
SW-846	Percent Moisture	13.5	%	0.10	03/17/21 14:12	N2
92528011014	**RI-SB-21_SO_5.5-6.0_20210315**					
SW-846	Percent Moisture	34.0	%	0.10	03/17/21 14:12	N2
92528011015	**RI-SB-22_SO_0.5-1.0_20210315**					
SW-846	Percent Moisture	13.4	%	0.10	03/17/21 14:13	N2
92528011016	**RI-SB-22_SO_5.5-6.0_20210315**					
SW-846	Percent Moisture	40.6	%	0.10	03/17/21 14:13	N2
92528011017	**RI-SB-23_SO_0.5-1.0_20210315**					
SW-846	Percent Moisture	14.7	%	0.10	03/17/21 14:13	N2
92528011018	**RI-SB-23_SO_5.5-6.0_20210315**					
SW-846	Percent Moisture	20.4	%	0.10	03/17/21 14:13	N2
92528011019	**RI-SB-24_SO_0.5-1.0_20210315**					
SW-846	Percent Moisture	14.7	%	0.10	03/17/21 14:13	N2
92528011020	**RI-SB-24_SO_5.5-6.0_20210315**					
SW-846	Percent Moisture	33.1	%	0.10	03/17/21 14:13	N2

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: March 22, 2021

General Information:
12 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 607315

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- RI-SB-16_SO_5.5-6.0_20210315 (Lab ID: 92528011008)
  - Acenaphthene
  - Fluorene

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 22, 2021

General Information:
1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

General Information:
12 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607356

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3199767)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3199769)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3199768)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MS (Lab ID: 3200136)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-13_SO_0.5-1.0_20210315 (Lab ID: 92528011001)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-13_SO_5.5-6.0_20210315 (Lab ID: 92528011002)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-14_SO_0.5-1.0_20210315 (Lab ID: 92528011003)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-14_SO_5.5-6.0_20210315 (Lab ID: 92528011004)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-15_SO_0.5-1.0_20210315 (Lab ID: 92528011005)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-15_SO_5.5-6.0_20210315 (Lab ID: 92528011006)
  - Bromomethane

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607356

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Hexachloro-1,3-butadiene
- RI-SB-16_SO_5.5-6.0_20210315 (Lab ID: 92528011008)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-17_SO_0.5-1.0_20210315 (Lab ID: 92528011009)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-17_SO_5.5-6.0_20210315 (Lab ID: 92528011010)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-18_SO_0.5-1.0_20210315 (Lab ID: 92528011011)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-18_SO_5.5-6.0_20210315 (Lab ID: 92528011012)
  - Bromomethane
  - Hexachloro-1,3-butadiene

QC Batch: 607623

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3200879)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3200881)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3200880)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MS (Lab ID: 3200882)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-16_SO_0.5-1.0_20210315 (Lab ID: 92528011007)
  - Bromomethane
  - Hexachloro-1,3-butadiene

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607356

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.

- BLANK (Lab ID: 3199767)
  - Bromomethane

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607356

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.

- DUP (Lab ID: 3199769)
  - Bromomethane
- LCS (Lab ID: 3199768)
  - Bromomethane
- MS (Lab ID: 3200136)
  - Bromomethane
- RI-SB-13_SO_0.5-1.0_20210315 (Lab ID: 92528011001)
  - Bromomethane
- RI-SB-13_SO_5.5-6.0_20210315 (Lab ID: 92528011002)
  - Bromomethane
- RI-SB-14_SO_0.5-1.0_20210315 (Lab ID: 92528011003)
  - Bromomethane
- RI-SB-14_SO_5.5-6.0_20210315 (Lab ID: 92528011004)
  - Bromomethane
- RI-SB-15_SO_0.5-1.0_20210315 (Lab ID: 92528011005)
  - Bromomethane
- RI-SB-15_SO_5.5-6.0_20210315 (Lab ID: 92528011006)
  - Bromomethane
- RI-SB-16_SO_5.5-6.0_20210315 (Lab ID: 92528011008)
  - Bromomethane
- RI-SB-17_SO_0.5-1.0_20210315 (Lab ID: 92528011009)
  - Bromomethane
- RI-SB-17_SO_5.5-6.0_20210315 (Lab ID: 92528011010)
  - Bromomethane
- RI-SB-18_SO_0.5-1.0_20210315 (Lab ID: 92528011011)
  - Bromomethane
- RI-SB-18_SO_5.5-6.0_20210315 (Lab ID: 92528011012)
  - Bromomethane

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.

- BLANK (Lab ID: 3199767)
  - tert-Butylbenzene
- DUP (Lab ID: 3199769)
  - tert-Butylbenzene
- RI-SB-13_SO_0.5-1.0_20210315 (Lab ID: 92528011001)
  - tert-Butylbenzene
- RI-SB-13_SO_5.5-6.0_20210315 (Lab ID: 92528011002)
  - tert-Butylbenzene
- RI-SB-14_SO_0.5-1.0_20210315 (Lab ID: 92528011003)
  - tert-Butylbenzene
- RI-SB-14_SO_5.5-6.0_20210315 (Lab ID: 92528011004)
  - tert-Butylbenzene
- RI-SB-15_SO_0.5-1.0_20210315 (Lab ID: 92528011005)

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607356

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.

- tert-Butylbenzene
- RI-SB-15_SO_5.5-6.0_20210315 (Lab ID: 92528011006)
  - tert-Butylbenzene
- RI-SB-16_SO_5.5-6.0_20210315 (Lab ID: 92528011008)
  - tert-Butylbenzene
- RI-SB-17_SO_0.5-1.0_20210315 (Lab ID: 92528011009)
  - tert-Butylbenzene
- RI-SB-17_SO_5.5-6.0_20210315 (Lab ID: 92528011010)
  - tert-Butylbenzene
- RI-SB-18_SO_0.5-1.0_20210315 (Lab ID: 92528011011)
  - tert-Butylbenzene
- RI-SB-18_SO_5.5-6.0_20210315 (Lab ID: 92528011012)
  - tert-Butylbenzene

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3199768)
  - tert-Butylbenzene
- MS (Lab ID: 3200136)
  - tert-Butylbenzene

QC Batch: 607623

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.

- BLANK (Lab ID: 3200879)
  - Bromomethane
- DUP (Lab ID: 3200881)
  - Bromomethane
- LCS (Lab ID: 3200880)
  - Bromomethane
- MS (Lab ID: 3200882)
  - Bromomethane
- RI-SB-16_SO_0.5-1.0_20210315 (Lab ID: 92528011007)
  - Bromomethane

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.

- BLANK (Lab ID: 3200879)
  - tert-Butylbenzene
- DUP (Lab ID: 3200881)
  - tert-Butylbenzene
- LCS (Lab ID: 3200880)
  - tert-Butylbenzene
- MS (Lab ID: 3200882)
  - tert-Butylbenzene
- RI-SB-16_SO_0.5-1.0_20210315 (Lab ID: 92528011007)

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607623

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.

- tert-Butylbenzene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 607356

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3199768)
  - Bromomethane

QC Batch: 607623

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3200880)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607623

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528353002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3200882)
  - Chloromethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

Analyte Comments:

QC Batch: 607356

C8: Result may be biased high due to carryover from previously analyzed sample.

- RI-SB-17_SO_0.5-1.0_20210315 (Lab ID: 92528011009)
  - Naphthalene

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_0.5-1.0_20210315 **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	83-32-9	
Acenaphthylene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	208-96-8	
Aniline	ND	ug/kg	381	149	1	03/17/21 16:29	03/18/21 08:42	62-53-3	
Anthracene	ND	ug/kg	381	125	1	03/17/21 16:29	03/18/21 08:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	127	1	03/17/21 16:29	03/18/21 08:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	381	127	1	03/17/21 16:29	03/18/21 08:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	148	1	03/17/21 16:29	03/18/21 08:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	207-08-9	
Benzoic Acid	ND	ug/kg	1910	819	1	03/17/21 16:29	03/18/21 08:42	65-85-0	
Benzyl alcohol	ND	ug/kg	762	289	1	03/17/21 16:29	03/18/21 08:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	147	1	03/17/21 16:29	03/18/21 08:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	161	1	03/17/21 16:29	03/18/21 08:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	762	268	1	03/17/21 16:29	03/18/21 08:42	59-50-7	
4-Chloroaniline	ND	ug/kg	762	299	1	03/17/21 16:29	03/18/21 08:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	158	1	03/17/21 16:29	03/18/21 08:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	143	1	03/17/21 16:29	03/18/21 08:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	381	151	1	03/17/21 16:29	03/18/21 08:42	91-58-7	
2-Chlorophenol	ND	ug/kg	381	143	1	03/17/21 16:29	03/18/21 08:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	142	1	03/17/21 16:29	03/18/21 08:42	7005-72-3	
Chrysene	ND	ug/kg	381	139	1	03/17/21 16:29	03/18/21 08:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	147	1	03/17/21 16:29	03/18/21 08:42	53-70-3	
Dibenzofuran	ND	ug/kg	381	137	1	03/17/21 16:29	03/18/21 08:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	762	258	1	03/17/21 16:29	03/18/21 08:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	381	149	1	03/17/21 16:29	03/18/21 08:42	120-83-2	
Diethylphthalate	ND	ug/kg	381	140	1	03/17/21 16:29	03/18/21 08:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	158	1	03/17/21 16:29	03/18/21 08:42	105-67-9	
Dimethylphthalate	ND	ug/kg	381	139	1	03/17/21 16:29	03/18/21 08:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	128	1	03/17/21 16:29	03/18/21 08:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	762	356	1	03/17/21 16:29	03/18/21 08:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	1180	1	03/17/21 16:29	03/18/21 08:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	147	1	03/17/21 16:29	03/18/21 08:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	140	1	03/17/21 16:29	03/18/21 08:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	150	1	03/17/21 16:29	03/18/21 08:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	148	1	03/17/21 16:29	03/18/21 08:42	117-81-7	
Fluoranthene	ND	ug/kg	381	131	1	03/17/21 16:29	03/18/21 08:42	206-44-0	
Fluorene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	381	149	1	03/17/21 16:29	03/18/21 08:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	218	1	03/17/21 16:29	03/18/21 08:42	77-47-4	
Hexachloroethane	ND	ug/kg	381	146	1	03/17/21 16:29	03/18/21 08:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	150	1	03/17/21 16:29	03/18/21 08:42	193-39-5	
Isophorone	ND	ug/kg	381	170	1	03/17/21 16:29	03/18/21 08:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	381	152	1	03/17/21 16:29	03/18/21 08:42	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_0.5-1.0_20210315 **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	381	156	1	03/17/21 16:29	03/18/21 08:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	381	154	1	03/17/21 16:29	03/18/21 08:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	1910	312	1	03/17/21 16:29	03/18/21 08:42	88-74-4	
3-Nitroaniline	ND	ug/kg	1910	299	1	03/17/21 16:29	03/18/21 08:42	99-09-2	
4-Nitroaniline	ND	ug/kg	762	290	1	03/17/21 16:29	03/18/21 08:42	100-01-6	
Nitrobenzene	ND	ug/kg	381	177	1	03/17/21 16:29	03/18/21 08:42	98-95-3	
2-Nitrophenol	ND	ug/kg	381	165	1	03/17/21 16:29	03/18/21 08:42	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	737	1	03/17/21 16:29	03/18/21 08:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	381	128	1	03/17/21 16:29	03/18/21 08:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	143	1	03/17/21 16:29	03/18/21 08:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	135	1	03/17/21 16:29	03/18/21 08:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	381	181	1	03/17/21 16:29	03/18/21 08:42	108-60-1	
Pentachlorophenol	ND	ug/kg	762	373	1	03/17/21 16:29	03/18/21 08:42	87-86-5	
Phenanthrene	ND	ug/kg	381	125	1	03/17/21 16:29	03/18/21 08:42	85-01-8	
Phenol	ND	ug/kg	381	170	1	03/17/21 16:29	03/18/21 08:42	108-95-2	
Pyrene	ND	ug/kg	381	155	1	03/17/21 16:29	03/18/21 08:42	129-00-0	
Pyridine	ND	ug/kg	381	120	1	03/17/21 16:29	03/18/21 08:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	381	174	1	03/17/21 16:29	03/18/21 08:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	157	1	03/17/21 16:29	03/18/21 08:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	03/17/21 16:29	03/18/21 08:42	4165-60-0	
2-Fluorobiphenyl (S)	69	%	19-130		1	03/17/21 16:29	03/18/21 08:42	321-60-8	
Terphenyl-d14 (S)	107	%	15-130		1	03/17/21 16:29	03/18/21 08:42	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	03/17/21 16:29	03/18/21 08:42	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	03/17/21 16:29	03/18/21 08:42	367-12-4	
2,4,6-Tribromophenol (S)	84	%	18-130		1	03/17/21 16:29	03/18/21 08:42	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	125	40.2	1	03/17/21 16:07	03/17/21 17:19	67-64-1	
Benzene	ND	ug/kg	6.3	2.5	1	03/17/21 16:07	03/17/21 17:19	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 17:19	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 17:19	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	75-25-2	
Bromomethane	ND	ug/kg	12.5	9.9	1	03/17/21 16:07	03/17/21 17:19	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	125	30.1	1	03/17/21 16:07	03/17/21 17:19	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 17:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 17:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 17:19	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1.2	1	03/17/21 16:07	03/17/21 17:19	108-90-7	
Chloroethane	ND	ug/kg	12.5	4.8	1	03/17/21 16:07	03/17/21 17:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_0.5-1.0_20210315 **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	6.3	3.8	1	03/17/21 16:07	03/17/21 17:19	67-66-3	
Chloromethane	ND	ug/kg	12.5	5.3	1	03/17/21 16:07	03/17/21 17:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	03/17/21 16:07	03/17/21 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 17:19	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.5	1	03/17/21 16:07	03/17/21 17:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 17:19	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.3	1	03/17/21 16:07	03/17/21 17:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 17:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 17:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.5	2.7	1	03/17/21 16:07	03/17/21 17:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 17:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.1	1	03/17/21 16:07	03/17/21 17:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 17:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 17:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 17:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	108-20-3	
Ethylbenzene	ND	ug/kg	6.3	2.9	1	03/17/21 16:07	03/17/21 17:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.5	10.2	1	03/17/21 16:07	03/17/21 17:19	87-68-3	IK
2-Hexanone	ND	ug/kg	62.6	6.0	1	03/17/21 16:07	03/17/21 17:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	3.1	1	03/17/21 16:07	03/17/21 17:19	99-87-6	
Methylene Chloride	ND	ug/kg	25.0	17.2	1	03/17/21 16:07	03/17/21 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.6	6.0	1	03/17/21 16:07	03/17/21 17:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 17:19	1634-04-4	
Naphthalene	ND	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 17:19	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	103-65-1	
Styrene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	127-18-4	
Toluene	ND	ug/kg	6.3	1.8	1	03/17/21 16:07	03/17/21 17:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	03/17/21 16:07	03/17/21 17:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	03/17/21 16:07	03/17/21 17:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 17:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_0.5-1.0_20210315 **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	3.4	1	03/17/21 16:07	03/17/21 17:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	03/17/21 16:07	03/17/21 17:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	108-67-8	
Vinyl acetate	ND	ug/kg	62.6	4.6	1	03/17/21 16:07	03/17/21 17:19	108-05-4	
Vinyl chloride	ND	ug/kg	12.5	3.2	1	03/17/21 16:07	03/17/21 17:19	75-01-4	
Xylene (Total)	ND	ug/kg	12.5	3.6	1	03/17/21 16:07	03/17/21 17:19	1330-20-7	
m&p-Xylene	ND	ug/kg	12.5	4.3	1	03/17/21 16:07	03/17/21 17:19	179601-23-1	
o-Xylene	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 17:19	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/17/21 16:07	03/17/21 17:19	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-134		1	03/17/21 16:07	03/17/21 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 17:19	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**14.3**	%	0.10	0.10	1		03/17/21 14:11		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_5.5-6.0_20210315 **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	83-32-9	
Acenaphthylene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	208-96-8	
Aniline	ND	ug/kg	557	218	1	03/17/21 16:29	03/18/21 09:44	62-53-3	
Anthracene	ND	ug/kg	557	182	1	03/17/21 16:29	03/18/21 09:44	120-12-7	
Benzo(a)anthracene	**291J**	ug/kg	557	186	1	03/17/21 16:29	03/18/21 09:44	56-55-3	
Benzo(b)fluoranthene	**330J**	ug/kg	557	186	1	03/17/21 16:29	03/18/21 09:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	557	216	1	03/17/21 16:29	03/18/21 09:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	207-08-9	
Benzoic Acid	ND	ug/kg	2790	1200	1	03/17/21 16:29	03/18/21 09:44	65-85-0	
Benzyl alcohol	ND	ug/kg	1110	422	1	03/17/21 16:29	03/18/21 09:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	557	214	1	03/17/21 16:29	03/18/21 09:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	557	235	1	03/17/21 16:29	03/18/21 09:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1110	392	1	03/17/21 16:29	03/18/21 09:44	59-50-7	
4-Chloroaniline	ND	ug/kg	1110	437	1	03/17/21 16:29	03/18/21 09:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	557	231	1	03/17/21 16:29	03/18/21 09:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	557	209	1	03/17/21 16:29	03/18/21 09:44	111-44-4	
2-Chloronaphthalene	ND	ug/kg	557	221	1	03/17/21 16:29	03/18/21 09:44	91-58-7	
2-Chlorophenol	ND	ug/kg	557	209	1	03/17/21 16:29	03/18/21 09:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	557	208	1	03/17/21 16:29	03/18/21 09:44	7005-72-3	
Chrysene	**271J**	ug/kg	557	203	1	03/17/21 16:29	03/18/21 09:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	557	214	1	03/17/21 16:29	03/18/21 09:44	53-70-3	
Dibenzofuran	ND	ug/kg	557	201	1	03/17/21 16:29	03/18/21 09:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1110	376	1	03/17/21 16:29	03/18/21 09:44	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	557	218	1	03/17/21 16:29	03/18/21 09:44	120-83-2	
Diethylphthalate	ND	ug/kg	557	204	1	03/17/21 16:29	03/18/21 09:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	557	231	1	03/17/21 16:29	03/18/21 09:44	105-67-9	
Dimethylphthalate	ND	ug/kg	557	203	1	03/17/21 16:29	03/18/21 09:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	557	187	1	03/17/21 16:29	03/18/21 09:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1110	520	1	03/17/21 16:29	03/18/21 09:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2790	1720	1	03/17/21 16:29	03/18/21 09:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	557	214	1	03/17/21 16:29	03/18/21 09:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	557	204	1	03/17/21 16:29	03/18/21 09:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	557	219	1	03/17/21 16:29	03/18/21 09:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	557	216	1	03/17/21 16:29	03/18/21 09:44	117-81-7	
Fluoranthene	**574**	ug/kg	557	191	1	03/17/21 16:29	03/18/21 09:44	206-44-0	
Fluorene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	86-73-7	
Hexachlorobenzene	ND	ug/kg	557	218	1	03/17/21 16:29	03/18/21 09:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	557	319	1	03/17/21 16:29	03/18/21 09:44	77-47-4	
Hexachloroethane	ND	ug/kg	557	213	1	03/17/21 16:29	03/18/21 09:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	557	219	1	03/17/21 16:29	03/18/21 09:44	193-39-5	
Isophorone	ND	ug/kg	557	248	1	03/17/21 16:29	03/18/21 09:44	78-59-1	
1-Methylnaphthalene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	90-12-0	
2-Methylnaphthalene	ND	ug/kg	557	223	1	03/17/21 16:29	03/18/21 09:44	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_5.5-6.0_20210315 **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546								
	Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	557	228	1	03/17/21 16:29	03/18/21 09:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	557	224	1	03/17/21 16:29	03/18/21 09:44	15831-10-4	
2-Nitroaniline	ND	ug/kg	2790	456	1	03/17/21 16:29	03/18/21 09:44	88-74-4	
3-Nitroaniline	ND	ug/kg	2790	437	1	03/17/21 16:29	03/18/21 09:44	99-09-2	
4-Nitroaniline	ND	ug/kg	1110	424	1	03/17/21 16:29	03/18/21 09:44	100-01-6	
Nitrobenzene	ND	ug/kg	557	258	1	03/17/21 16:29	03/18/21 09:44	98-95-3	
2-Nitrophenol	ND	ug/kg	557	241	1	03/17/21 16:29	03/18/21 09:44	88-75-5	
4-Nitrophenol	ND	ug/kg	2790	1080	1	03/17/21 16:29	03/18/21 09:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	557	187	1	03/17/21 16:29	03/18/21 09:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	557	209	1	03/17/21 16:29	03/18/21 09:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	557	197	1	03/17/21 16:29	03/18/21 09:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	557	265	1	03/17/21 16:29	03/18/21 09:44	108-60-1	
Pentachlorophenol	ND	ug/kg	1110	545	1	03/17/21 16:29	03/18/21 09:44	87-86-5	
Phenanthrene	**219J**	ug/kg	557	182	1	03/17/21 16:29	03/18/21 09:44	85-01-8	
Phenol	ND	ug/kg	557	248	1	03/17/21 16:29	03/18/21 09:44	108-95-2	
Pyrene	**556J**	ug/kg	557	226	1	03/17/21 16:29	03/18/21 09:44	129-00-0	
Pyridine	ND	ug/kg	557	176	1	03/17/21 16:29	03/18/21 09:44	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	557	255	1	03/17/21 16:29	03/18/21 09:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	557	230	1	03/17/21 16:29	03/18/21 09:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	21-130		1	03/17/21 16:29	03/18/21 09:44	4165-60-0	
2-Fluorobiphenyl (S)	54	%	19-130		1	03/17/21 16:29	03/18/21 09:44	321-60-8	
Terphenyl-d14 (S)	96	%	15-130		1	03/17/21 16:29	03/18/21 09:44	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	03/17/21 16:29	03/18/21 09:44	13127-88-3	
2-Fluorophenol (S)	66	%	18-130		1	03/17/21 16:29	03/18/21 09:44	367-12-4	
2,4,6-Tribromophenol (S)	84	%	18-130		1	03/17/21 16:29	03/18/21 09:44	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Acetone	**139J**	ug/kg	386	124	1	03/17/21 16:07	03/17/21 22:35	67-64-1	
Benzene	ND	ug/kg	19.3	7.7	1	03/17/21 16:07	03/17/21 22:35	71-43-2	
Bromobenzene	ND	ug/kg	19.3	6.3	1	03/17/21 16:07	03/17/21 22:35	108-86-1	
Bromochloromethane	ND	ug/kg	19.3	5.7	1	03/17/21 16:07	03/17/21 22:35	74-97-5	
Bromodichloromethane	ND	ug/kg	19.3	7.5	1	03/17/21 16:07	03/17/21 22:35	75-27-4	
Bromoform	ND	ug/kg	19.3	6.8	1	03/17/21 16:07	03/17/21 22:35	75-25-2	
Bromomethane	ND	ug/kg	38.6	30.5	1	03/17/21 16:07	03/17/21 22:35	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	**97.5J**	ug/kg	386	92.7	1	03/17/21 16:07	03/17/21 22:35	78-93-3	
n-Butylbenzene	ND	ug/kg	19.3	9.1	1	03/17/21 16:07	03/17/21 22:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	19.3	8.5	1	03/17/21 16:07	03/17/21 22:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.3	6.9	1	03/17/21 16:07	03/17/21 22:35	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	19.3	7.2	1	03/17/21 16:07	03/17/21 22:35	56-23-5	
Chlorobenzene	**11.9J**	ug/kg	19.3	3.7	1	03/17/21 16:07	03/17/21 22:35	108-90-7	
Chloroethane	ND	ug/kg	38.6	14.9	1	03/17/21 16:07	03/17/21 22:35	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_5.5-6.0_20210315 **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	19.3	11.7	1	03/17/21 16:07	03/17/21 22:35	67-66-3	
Chloromethane	ND	ug/kg	38.6	16.2	1	03/17/21 16:07	03/17/21 22:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	19.3	6.8	1	03/17/21 16:07	03/17/21 22:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	19.3	3.4	1	03/17/21 16:07	03/17/21 22:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	19.3	7.5	1	03/17/21 16:07	03/17/21 22:35	96-12-8	
Dibromochloromethane	ND	ug/kg	19.3	10.9	1	03/17/21 16:07	03/17/21 22:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	19.3	8.5	1	03/17/21 16:07	03/17/21 22:35	106-93-4	
Dibromomethane	ND	ug/kg	19.3	4.1	1	03/17/21 16:07	03/17/21 22:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	19.3	7.0	1	03/17/21 16:07	03/17/21 22:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	19.3	6.0	1	03/17/21 16:07	03/17/21 22:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	19.3	5.0	1	03/17/21 16:07	03/17/21 22:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	38.6	8.4	1	03/17/21 16:07	03/17/21 22:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	19.3	8.0	1	03/17/21 16:07	03/17/21 22:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	19.3	12.8	1	03/17/21 16:07	03/17/21 22:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	19.3	8.0	1	03/17/21 16:07	03/17/21 22:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	19.3	6.6	1	03/17/21 16:07	03/17/21 22:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	19.3	6.8	1	03/17/21 16:07	03/17/21 22:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	19.3	5.8	1	03/17/21 16:07	03/17/21 22:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	19.3	6.0	1	03/17/21 16:07	03/17/21 22:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	19.3	6.3	1	03/17/21 16:07	03/17/21 22:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	19.3	9.3	1	03/17/21 16:07	03/17/21 22:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	19.3	5.3	1	03/17/21 16:07	03/17/21 22:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	19.3	6.6	1	03/17/21 16:07	03/17/21 22:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	19.3	5.2	1	03/17/21 16:07	03/17/21 22:35	108-20-3	
Ethylbenzene	**40.6**	ug/kg	19.3	9.0	1	03/17/21 16:07	03/17/21 22:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	38.6	31.6	1	03/17/21 16:07	03/17/21 22:35	87-68-3	IK
2-Hexanone	ND	ug/kg	193	18.6	1	03/17/21 16:07	03/17/21 22:35	591-78-6	
Isopropylbenzene (Cumene)	**95.2**	ug/kg	19.3	6.6	1	03/17/21 16:07	03/17/21 22:35	98-82-8	
p-Isopropyltoluene	**54.1**	ug/kg	19.3	9.5	1	03/17/21 16:07	03/17/21 22:35	99-87-6	
Methylene Chloride	ND	ug/kg	77.3	52.9	1	03/17/21 16:07	03/17/21 22:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	193	18.6	1	03/17/21 16:07	03/17/21 22:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	19.3	7.2	1	03/17/21 16:07	03/17/21 22:35	1634-04-4	
Naphthalene	**315**	ug/kg	19.3	10.2	1	03/17/21 16:07	03/17/21 22:35	91-20-3	
n-Propylbenzene	ND	ug/kg	19.3	6.9	1	03/17/21 16:07	03/17/21 22:35	103-65-1	
Styrene	ND	ug/kg	19.3	5.1	1	03/17/21 16:07	03/17/21 22:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	19.3	7.4	1	03/17/21 16:07	03/17/21 22:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	19.3	5.1	1	03/17/21 16:07	03/17/21 22:35	79-34-5	
Tetrachloroethene	ND	ug/kg	19.3	6.1	1	03/17/21 16:07	03/17/21 22:35	127-18-4	
Toluene	**32.5**	ug/kg	19.3	5.5	1	03/17/21 16:07	03/17/21 22:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	19.3	15.6	1	03/17/21 16:07	03/17/21 22:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	19.3	16.2	1	03/17/21 16:07	03/17/21 22:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	19.3	10.0	1	03/17/21 16:07	03/17/21 22:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	19.3	6.4	1	03/17/21 16:07	03/17/21 22:35	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13_SO_5.5-6.0_20210315 **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	19.3	5.0	1	03/17/21 16:07	03/17/21 22:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	19.3	10.6	1	03/17/21 16:07	03/17/21 22:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	19.3	9.8	1	03/17/21 16:07	03/17/21 22:35	96-18-4	
1,2,4-Trimethylbenzene	**66.7**	ug/kg	19.3	5.3	1	03/17/21 16:07	03/17/21 22:35	95-63-6	
1,3,5-Trimethylbenzene	**24.9**	ug/kg	19.3	6.5	1	03/17/21 16:07	03/17/21 22:35	108-67-8	
Vinyl acetate	ND	ug/kg	193	14.1	1	03/17/21 16:07	03/17/21 22:35	108-05-4	
Vinyl chloride	ND	ug/kg	38.6	9.8	1	03/17/21 16:07	03/17/21 22:35	75-01-4	
Xylene (Total)	**153**	ug/kg	38.6	11.0	1	03/17/21 16:07	03/17/21 22:35	1330-20-7	
m&p-Xylene	**90.6**	ug/kg	38.6	13.2	1	03/17/21 16:07	03/17/21 22:35	179601-23-1	
o-Xylene	**62.3**	ug/kg	19.3	8.5	1	03/17/21 16:07	03/17/21 22:35	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/17/21 16:07	03/17/21 22:35	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 22:35	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 22:35	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**41.1**	%	0.10	0.10	1		03/17/21 14:11		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_0.5-1.0_20210315 **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	83-32-9	
Acenaphthylene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	208-96-8	
Aniline	ND	ug/kg	368	144	1	03/17/21 16:29	03/18/21 10:14	62-53-3	
Anthracene	ND	ug/kg	368	120	1	03/17/21 16:29	03/18/21 10:14	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	123	1	03/17/21 16:29	03/18/21 10:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	368	123	1	03/17/21 16:29	03/18/21 10:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	143	1	03/17/21 16:29	03/18/21 10:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	207-08-9	
Benzoic Acid	ND	ug/kg	1840	790	1	03/17/21 16:29	03/18/21 10:14	65-85-0	
Benzyl alcohol	ND	ug/kg	736	279	1	03/17/21 16:29	03/18/21 10:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	142	1	03/17/21 16:29	03/18/21 10:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	155	1	03/17/21 16:29	03/18/21 10:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	736	259	1	03/17/21 16:29	03/18/21 10:14	59-50-7	
4-Chloroaniline	ND	ug/kg	736	289	1	03/17/21 16:29	03/18/21 10:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	153	1	03/17/21 16:29	03/18/21 10:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	138	1	03/17/21 16:29	03/18/21 10:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	368	146	1	03/17/21 16:29	03/18/21 10:14	91-58-7	
2-Chlorophenol	ND	ug/kg	368	138	1	03/17/21 16:29	03/18/21 10:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	137	1	03/17/21 16:29	03/18/21 10:14	7005-72-3	
Chrysene	ND	ug/kg	368	134	1	03/17/21 16:29	03/18/21 10:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	142	1	03/17/21 16:29	03/18/21 10:14	53-70-3	
Dibenzofuran	ND	ug/kg	368	133	1	03/17/21 16:29	03/18/21 10:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	736	249	1	03/17/21 16:29	03/18/21 10:14	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	368	144	1	03/17/21 16:29	03/18/21 10:14	120-83-2	
Diethylphthalate	ND	ug/kg	368	135	1	03/17/21 16:29	03/18/21 10:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	153	1	03/17/21 16:29	03/18/21 10:14	105-67-9	
Dimethylphthalate	ND	ug/kg	368	134	1	03/17/21 16:29	03/18/21 10:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	124	1	03/17/21 16:29	03/18/21 10:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	736	343	1	03/17/21 16:29	03/18/21 10:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1840	1140	1	03/17/21 16:29	03/18/21 10:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	142	1	03/17/21 16:29	03/18/21 10:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	135	1	03/17/21 16:29	03/18/21 10:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	145	1	03/17/21 16:29	03/18/21 10:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	143	1	03/17/21 16:29	03/18/21 10:14	117-81-7	
Fluoranthene	ND	ug/kg	368	126	1	03/17/21 16:29	03/18/21 10:14	206-44-0	
Fluorene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	86-73-7	
Hexachlorobenzene	ND	ug/kg	368	144	1	03/17/21 16:29	03/18/21 10:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	211	1	03/17/21 16:29	03/18/21 10:14	77-47-4	
Hexachloroethane	ND	ug/kg	368	140	1	03/17/21 16:29	03/18/21 10:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	145	1	03/17/21 16:29	03/18/21 10:14	193-39-5	
Isophorone	ND	ug/kg	368	164	1	03/17/21 16:29	03/18/21 10:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	368	147	1	03/17/21 16:29	03/18/21 10:14	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_0.5-1.0_20210315 **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	368	151	1	03/17/21 16:29	03/18/21 10:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	368	148	1	03/17/21 16:29	03/18/21 10:14	15831-10-4	
2-Nitroaniline	ND	ug/kg	1840	301	1	03/17/21 16:29	03/18/21 10:14	88-74-4	
3-Nitroaniline	ND	ug/kg	1840	289	1	03/17/21 16:29	03/18/21 10:14	99-09-2	
4-Nitroaniline	ND	ug/kg	736	280	1	03/17/21 16:29	03/18/21 10:14	100-01-6	
Nitrobenzene	ND	ug/kg	368	171	1	03/17/21 16:29	03/18/21 10:14	98-95-3	
2-Nitrophenol	ND	ug/kg	368	159	1	03/17/21 16:29	03/18/21 10:14	88-75-5	
4-Nitrophenol	ND	ug/kg	1840	711	1	03/17/21 16:29	03/18/21 10:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	368	124	1	03/17/21 16:29	03/18/21 10:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	138	1	03/17/21 16:29	03/18/21 10:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	130	1	03/17/21 16:29	03/18/21 10:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	368	175	1	03/17/21 16:29	03/18/21 10:14	108-60-1	
Pentachlorophenol	ND	ug/kg	736	360	1	03/17/21 16:29	03/18/21 10:14	87-86-5	
Phenanthrene	ND	ug/kg	368	120	1	03/17/21 16:29	03/18/21 10:14	85-01-8	
Phenol	ND	ug/kg	368	164	1	03/17/21 16:29	03/18/21 10:14	108-95-2	
Pyrene	ND	ug/kg	368	149	1	03/17/21 16:29	03/18/21 10:14	129-00-0	
Pyridine	ND	ug/kg	368	116	1	03/17/21 16:29	03/18/21 10:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	368	168	1	03/17/21 16:29	03/18/21 10:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	152	1	03/17/21 16:29	03/18/21 10:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		1	03/17/21 16:29	03/18/21 10:14	4165-60-0	
2-Fluorobiphenyl (S)	71	%	19-130		1	03/17/21 16:29	03/18/21 10:14	321-60-8	
Terphenyl-d14 (S)	101	%	15-130		1	03/17/21 16:29	03/18/21 10:14	1718-51-0	
Phenol-d6 (S)	68	%	18-130		1	03/17/21 16:29	03/18/21 10:14	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	03/17/21 16:29	03/18/21 10:14	367-12-4	
2,4,6-Tribromophenol (S)	57	%	18-130		1	03/17/21 16:29	03/18/21 10:14	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	139	44.7	1	03/17/21 16:07	03/17/21 17:54	67-64-1	
Benzene	ND	ug/kg	7.0	2.8	1	03/17/21 16:07	03/17/21 17:54	71-43-2	
Bromobenzene	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	108-86-1	
Bromochloromethane	ND	ug/kg	7.0	2.1	1	03/17/21 16:07	03/17/21 17:54	74-97-5	
Bromodichloromethane	ND	ug/kg	7.0	2.7	1	03/17/21 16:07	03/17/21 17:54	75-27-4	
Bromoform	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	75-25-2	
Bromomethane	ND	ug/kg	13.9	11.0	1	03/17/21 16:07	03/17/21 17:54	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	139	33.4	1	03/17/21 16:07	03/17/21 17:54	78-93-3	
n-Butylbenzene	ND	ug/kg	7.0	3.3	1	03/17/21 16:07	03/17/21 17:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.0	3.1	1	03/17/21 16:07	03/17/21 17:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	7.0	2.6	1	03/17/21 16:07	03/17/21 17:54	56-23-5	
Chlorobenzene	ND	ug/kg	7.0	1.3	1	03/17/21 16:07	03/17/21 17:54	108-90-7	
Chloroethane	ND	ug/kg	13.9	5.4	1	03/17/21 16:07	03/17/21 17:54	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_0.5-1.0_20210315 **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	7.0	4.2	1	03/17/21 16:07	03/17/21 17:54	67-66-3	
Chloromethane	ND	ug/kg	13.9	5.9	1	03/17/21 16:07	03/17/21 17:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.0	1.2	1	03/17/21 16:07	03/17/21 17:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	2.7	1	03/17/21 16:07	03/17/21 17:54	96-12-8	
Dibromochloromethane	ND	ug/kg	7.0	3.9	1	03/17/21 16:07	03/17/21 17:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.0	3.1	1	03/17/21 16:07	03/17/21 17:54	106-93-4	
Dibromomethane	ND	ug/kg	7.0	1.5	1	03/17/21 16:07	03/17/21 17:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.0	2.2	1	03/17/21 16:07	03/17/21 17:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.9	3.0	1	03/17/21 16:07	03/17/21 17:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.0	2.9	1	03/17/21 16:07	03/17/21 17:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.0	4.6	1	03/17/21 16:07	03/17/21 17:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.0	2.9	1	03/17/21 16:07	03/17/21 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.0	2.1	1	03/17/21 16:07	03/17/21 17:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.0	2.2	1	03/17/21 16:07	03/17/21 17:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.0	3.3	1	03/17/21 16:07	03/17/21 17:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.0	1.9	1	03/17/21 16:07	03/17/21 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.0	1.9	1	03/17/21 16:07	03/17/21 17:54	108-20-3	
Ethylbenzene	ND	ug/kg	7.0	3.2	1	03/17/21 16:07	03/17/21 17:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.9	11.4	1	03/17/21 16:07	03/17/21 17:54	87-68-3	IK
2-Hexanone	ND	ug/kg	69.6	6.7	1	03/17/21 16:07	03/17/21 17:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.0	3.4	1	03/17/21 16:07	03/17/21 17:54	99-87-6	
Methylene Chloride	ND	ug/kg	27.9	19.1	1	03/17/21 16:07	03/17/21 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	69.6	6.7	1	03/17/21 16:07	03/17/21 17:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.0	2.6	1	03/17/21 16:07	03/17/21 17:54	1634-04-4	
Naphthalene	**29.7**	ug/kg	7.0	3.7	1	03/17/21 16:07	03/17/21 17:54	91-20-3	
n-Propylbenzene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	103-65-1	
Styrene	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.0	2.7	1	03/17/21 16:07	03/17/21 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	79-34-5	
Tetrachloroethene	ND	ug/kg	7.0	2.2	1	03/17/21 16:07	03/17/21 17:54	127-18-4	
Toluene	**12.8**	ug/kg	7.0	2.0	1	03/17/21 16:07	03/17/21 17:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.0	5.6	1	03/17/21 16:07	03/17/21 17:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.0	5.9	1	03/17/21 16:07	03/17/21 17:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.0	3.6	1	03/17/21 16:07	03/17/21 17:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_0.5-1.0_20210315 **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.0	3.8	1	03/17/21 16:07	03/17/21 17:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.0	3.5	1	03/17/21 16:07	03/17/21 17:54	96-18-4	
1,2,4-Trimethylbenzene	**11.0**	ug/kg	7.0	1.9	1	03/17/21 16:07	03/17/21 17:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	108-67-8	
Vinyl acetate	ND	ug/kg	69.6	5.1	1	03/17/21 16:07	03/17/21 17:54	108-05-4	
Vinyl chloride	ND	ug/kg	13.9	3.5	1	03/17/21 16:07	03/17/21 17:54	75-01-4	
Xylene (Total)	**32.5**	ug/kg	13.9	4.0	1	03/17/21 16:07	03/17/21 17:54	1330-20-7	
m&p-Xylene	**20.5**	ug/kg	13.9	4.8	1	03/17/21 16:07	03/17/21 17:54	179601-23-1	
o-Xylene	**12.0**	ug/kg	7.0	3.1	1	03/17/21 16:07	03/17/21 17:54	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/17/21 16:07	03/17/21 17:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 17:54	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/17/21 16:07	03/17/21 17:54	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**11.8**	%	0.10	0.10	1		03/17/21 14:11		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_5.5-6.0_20210315 **Lab ID: 92528011004** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	83-32-9	
Acenaphthylene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	208-96-8	
Aniline	ND	ug/kg	493	193	1	03/17/21 16:29	03/18/21 11:15	62-53-3	
Anthracene	ND	ug/kg	493	161	1	03/17/21 16:29	03/18/21 11:15	120-12-7	
Benzo(a)anthracene	**269J**	ug/kg	493	164	1	03/17/21 16:29	03/18/21 11:15	56-55-3	
Benzo(b)fluoranthene	**333J**	ug/kg	493	164	1	03/17/21 16:29	03/18/21 11:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	493	191	1	03/17/21 16:29	03/18/21 11:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	207-08-9	
Benzoic Acid	ND	ug/kg	2470	1060	1	03/17/21 16:29	03/18/21 11:15	65-85-0	
Benzyl alcohol	ND	ug/kg	986	374	1	03/17/21 16:29	03/18/21 11:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	493	190	1	03/17/21 16:29	03/18/21 11:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	493	208	1	03/17/21 16:29	03/18/21 11:15	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	986	347	1	03/17/21 16:29	03/18/21 11:15	59-50-7	
4-Chloroaniline	ND	ug/kg	986	387	1	03/17/21 16:29	03/18/21 11:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	493	205	1	03/17/21 16:29	03/18/21 11:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	493	185	1	03/17/21 16:29	03/18/21 11:15	111-44-4	
2-Chloronaphthalene	ND	ug/kg	493	196	1	03/17/21 16:29	03/18/21 11:15	91-58-7	
2-Chlorophenol	ND	ug/kg	493	185	1	03/17/21 16:29	03/18/21 11:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	493	184	1	03/17/21 16:29	03/18/21 11:15	7005-72-3	
Chrysene	**255J**	ug/kg	493	179	1	03/17/21 16:29	03/18/21 11:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	493	190	1	03/17/21 16:29	03/18/21 11:15	53-70-3	
Dibenzofuran	ND	ug/kg	493	178	1	03/17/21 16:29	03/18/21 11:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	986	333	1	03/17/21 16:29	03/18/21 11:15	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	493	193	1	03/17/21 16:29	03/18/21 11:15	120-83-2	
Diethylphthalate	ND	ug/kg	493	181	1	03/17/21 16:29	03/18/21 11:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	493	205	1	03/17/21 16:29	03/18/21 11:15	105-67-9	
Dimethylphthalate	ND	ug/kg	493	179	1	03/17/21 16:29	03/18/21 11:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	493	166	1	03/17/21 16:29	03/18/21 11:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	986	460	1	03/17/21 16:29	03/18/21 11:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2470	1520	1	03/17/21 16:29	03/18/21 11:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	493	190	1	03/17/21 16:29	03/18/21 11:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	493	181	1	03/17/21 16:29	03/18/21 11:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	493	194	1	03/17/21 16:29	03/18/21 11:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	493	191	1	03/17/21 16:29	03/18/21 11:15	117-81-7	
Fluoranthene	**598**	ug/kg	493	169	1	03/17/21 16:29	03/18/21 11:15	206-44-0	
Fluorene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	86-73-7	
Hexachlorobenzene	ND	ug/kg	493	193	1	03/17/21 16:29	03/18/21 11:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	493	282	1	03/17/21 16:29	03/18/21 11:15	77-47-4	
Hexachloroethane	ND	ug/kg	493	188	1	03/17/21 16:29	03/18/21 11:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	493	194	1	03/17/21 16:29	03/18/21 11:15	193-39-5	
Isophorone	ND	ug/kg	493	220	1	03/17/21 16:29	03/18/21 11:15	78-59-1	
1-Methylnaphthalene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	90-12-0	
2-Methylnaphthalene	ND	ug/kg	493	197	1	03/17/21 16:29	03/18/21 11:15	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_5.5-6.0_20210315 **Lab ID: 92528011004** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	493	202	1	03/17/21 16:29	03/18/21 11:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	493	199	1	03/17/21 16:29	03/18/21 11:15	15831-10-4	
2-Nitroaniline	ND	ug/kg	2470	403	1	03/17/21 16:29	03/18/21 11:15	88-74-4	
3-Nitroaniline	ND	ug/kg	2470	387	1	03/17/21 16:29	03/18/21 11:15	99-09-2	
4-Nitroaniline	ND	ug/kg	986	375	1	03/17/21 16:29	03/18/21 11:15	100-01-6	
Nitrobenzene	ND	ug/kg	493	229	1	03/17/21 16:29	03/18/21 11:15	98-95-3	
2-Nitrophenol	ND	ug/kg	493	214	1	03/17/21 16:29	03/18/21 11:15	88-75-5	
4-Nitrophenol	ND	ug/kg	2470	953	1	03/17/21 16:29	03/18/21 11:15	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	493	166	1	03/17/21 16:29	03/18/21 11:15	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	493	185	1	03/17/21 16:29	03/18/21 11:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	493	175	1	03/17/21 16:29	03/18/21 11:15	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	493	235	1	03/17/21 16:29	03/18/21 11:15	108-60-1	
Pentachlorophenol	ND	ug/kg	986	483	1	03/17/21 16:29	03/18/21 11:15	87-86-5	
Phenanthrene	**406J**	ug/kg	493	161	1	03/17/21 16:29	03/18/21 11:15	85-01-8	
Phenol	ND	ug/kg	493	220	1	03/17/21 16:29	03/18/21 11:15	108-95-2	
Pyrene	**505**	ug/kg	493	200	1	03/17/21 16:29	03/18/21 11:15	129-00-0	
Pyridine	ND	ug/kg	493	155	1	03/17/21 16:29	03/18/21 11:15	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	493	226	1	03/17/21 16:29	03/18/21 11:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	493	203	1	03/17/21 16:29	03/18/21 11:15	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	21-130		1	03/17/21 16:29	03/18/21 11:15	4165-60-0	
2-Fluorobiphenyl (S)	43	%	19-130		1	03/17/21 16:29	03/18/21 11:15	321-60-8	
Terphenyl-d14 (S)	70	%	15-130		1	03/17/21 16:29	03/18/21 11:15	1718-51-0	
Phenol-d6 (S)	60	%	18-130		1	03/17/21 16:29	03/18/21 11:15	13127-88-3	
2-Fluorophenol (S)	56	%	18-130		1	03/17/21 16:29	03/18/21 11:15	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	03/17/21 16:29	03/18/21 11:15	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**164J**	ug/kg	256	82.1	1	03/17/21 16:07	03/17/21 22:53	67-64-1	
Benzene	ND	ug/kg	12.8	5.1	1	03/17/21 16:07	03/17/21 22:53	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	03/17/21 16:07	03/17/21 22:53	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	03/17/21 16:07	03/17/21 22:53	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	03/17/21 16:07	03/17/21 22:53	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	03/17/21 16:07	03/17/21 22:53	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.2	1	03/17/21 16:07	03/17/21 22:53	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	**81.0J**	ug/kg	256	61.4	1	03/17/21 16:07	03/17/21 22:53	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	03/17/21 16:07	03/17/21 22:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	03/17/21 16:07	03/17/21 22:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	03/17/21 16:07	03/17/21 22:53	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	03/17/21 16:07	03/17/21 22:53	56-23-5	
Chlorobenzene	**20.8**	ug/kg	12.8	2.5	1	03/17/21 16:07	03/17/21 22:53	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	03/17/21 16:07	03/17/21 22:53	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_5.5-6.0_20210315 **Lab ID: 92528011004** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	12.8	7.8	1	03/17/21 16:07	03/17/21 22:53	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.7	1	03/17/21 16:07	03/17/21 22:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	03/17/21 16:07	03/17/21 22:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	03/17/21 16:07	03/17/21 22:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	03/17/21 16:07	03/17/21 22:53	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	03/17/21 16:07	03/17/21 22:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	03/17/21 16:07	03/17/21 22:53	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	03/17/21 16:07	03/17/21 22:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	03/17/21 16:07	03/17/21 22:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	03/17/21 16:07	03/17/21 22:53	541-73-1	
1,4-Dichlorobenzene	**6.5J**	ug/kg	12.8	3.3	1	03/17/21 16:07	03/17/21 22:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.6	1	03/17/21 16:07	03/17/21 22:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	03/17/21 16:07	03/17/21 22:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	03/17/21 16:07	03/17/21 22:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	03/17/21 16:07	03/17/21 22:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	03/17/21 16:07	03/17/21 22:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	03/17/21 16:07	03/17/21 22:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	03/17/21 16:07	03/17/21 22:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	03/17/21 16:07	03/17/21 22:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	03/17/21 16:07	03/17/21 22:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.1	1	03/17/21 16:07	03/17/21 22:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	03/17/21 16:07	03/17/21 22:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	03/17/21 16:07	03/17/21 22:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	03/17/21 16:07	03/17/21 22:53	108-20-3	
Ethylbenzene	**32.8**	ug/kg	12.8	6.0	1	03/17/21 16:07	03/17/21 22:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	20.9	1	03/17/21 16:07	03/17/21 22:53	87-68-3	IK
2-Hexanone	ND	ug/kg	128	12.3	1	03/17/21 16:07	03/17/21 22:53	591-78-6	
Isopropylbenzene (Cumene)	**97.8**	ug/kg	12.8	4.3	1	03/17/21 16:07	03/17/21 22:53	98-82-8	
p-Isopropyltoluene	**70.4**	ug/kg	12.8	6.3	1	03/17/21 16:07	03/17/21 22:53	99-87-6	
Methylene Chloride	ND	ug/kg	51.2	35.0	1	03/17/21 16:07	03/17/21 22:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.3	1	03/17/21 16:07	03/17/21 22:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	03/17/21 16:07	03/17/21 22:53	1634-04-4	
Naphthalene	**203**	ug/kg	12.8	6.7	1	03/17/21 16:07	03/17/21 22:53	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	03/17/21 16:07	03/17/21 22:53	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	03/17/21 16:07	03/17/21 22:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	03/17/21 16:07	03/17/21 22:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	03/17/21 16:07	03/17/21 22:53	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.0	1	03/17/21 16:07	03/17/21 22:53	127-18-4	
Toluene	**20.0**	ug/kg	12.8	3.6	1	03/17/21 16:07	03/17/21 22:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.3	1	03/17/21 16:07	03/17/21 22:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.7	1	03/17/21 16:07	03/17/21 22:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.7	1	03/17/21 16:07	03/17/21 22:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.2	1	03/17/21 16:07	03/17/21 22:53	79-00-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-14_SO_5.5-6.0_20210315 **Lab ID: 92528011004** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	12.8	3.3	1	03/17/21 16:07	03/17/21 22:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	03/17/21 16:07	03/17/21 22:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	03/17/21 16:07	03/17/21 22:53	96-18-4	
1,2,4-Trimethylbenzene	**33.4**	ug/kg	12.8	3.5	1	03/17/21 16:07	03/17/21 22:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	12.8	4.3	1	03/17/21 16:07	03/17/21 22:53	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	03/17/21 16:07	03/17/21 22:53	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	03/17/21 16:07	03/17/21 22:53	75-01-4	
Xylene (Total)	**74.1**	ug/kg	25.6	7.3	1	03/17/21 16:07	03/17/21 22:53	1330-20-7	
m&p-Xylene	**43.7**	ug/kg	25.6	8.7	1	03/17/21 16:07	03/17/21 22:53	179601-23-1	
o-Xylene	**30.4**	ug/kg	12.8	5.7	1	03/17/21 16:07	03/17/21 22:53	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/17/21 16:07	03/17/21 22:53	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/17/21 16:07	03/17/21 22:53	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1	03/17/21 16:07	03/17/21 22:53	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**33.1**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_0.5-1.0_20210315 **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	**214J**	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	83-32-9	
Acenaphthylene	**169J**	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	208-96-8	
Aniline	ND	ug/kg	372	145	1	03/17/21 16:29	03/18/21 11:46	62-53-3	
Anthracene	**376**	ug/kg	372	122	1	03/17/21 16:29	03/18/21 11:46	120-12-7	
Benzo(a)anthracene	**801**	ug/kg	372	124	1	03/17/21 16:29	03/18/21 11:46	56-55-3	
Benzo(b)fluoranthene	**944**	ug/kg	372	124	1	03/17/21 16:29	03/18/21 11:46	205-99-2	
Benzo(g,h,i)perylene	**436**	ug/kg	372	144	1	03/17/21 16:29	03/18/21 11:46	191-24-2	
Benzo(k)fluoranthene	**398**	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	207-08-9	
Benzoic Acid	ND	ug/kg	1860	799	1	03/17/21 16:29	03/18/21 11:46	65-85-0	
Benzyl alcohol	ND	ug/kg	744	282	1	03/17/21 16:29	03/18/21 11:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	372	143	1	03/17/21 16:29	03/18/21 11:46	101-55-3	
Butylbenzylphthalate	ND	ug/kg	372	157	1	03/17/21 16:29	03/18/21 11:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	744	261	1	03/17/21 16:29	03/18/21 11:46	59-50-7	
4-Chloroaniline	ND	ug/kg	744	292	1	03/17/21 16:29	03/18/21 11:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	154	1	03/17/21 16:29	03/18/21 11:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	140	1	03/17/21 16:29	03/18/21 11:46	111-44-4	
2-Chloronaphthalene	ND	ug/kg	372	148	1	03/17/21 16:29	03/18/21 11:46	91-58-7	
2-Chlorophenol	ND	ug/kg	372	140	1	03/17/21 16:29	03/18/21 11:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	139	1	03/17/21 16:29	03/18/21 11:46	7005-72-3	
Chrysene	**822**	ug/kg	372	135	1	03/17/21 16:29	03/18/21 11:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	372	143	1	03/17/21 16:29	03/18/21 11:46	53-70-3	
Dibenzofuran	**260J**	ug/kg	372	134	1	03/17/21 16:29	03/18/21 11:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	744	251	1	03/17/21 16:29	03/18/21 11:46	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	372	145	1	03/17/21 16:29	03/18/21 11:46	120-83-2	
Diethylphthalate	ND	ug/kg	372	136	1	03/17/21 16:29	03/18/21 11:46	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	372	154	1	03/17/21 16:29	03/18/21 11:46	105-67-9	
Dimethylphthalate	ND	ug/kg	372	135	1	03/17/21 16:29	03/18/21 11:46	131-11-3	
Di-n-butylphthalate	ND	ug/kg	372	125	1	03/17/21 16:29	03/18/21 11:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	744	347	1	03/17/21 16:29	03/18/21 11:46	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1860	1150	1	03/17/21 16:29	03/18/21 11:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	143	1	03/17/21 16:29	03/18/21 11:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	136	1	03/17/21 16:29	03/18/21 11:46	606-20-2	
Di-n-octylphthalate	ND	ug/kg	372	147	1	03/17/21 16:29	03/18/21 11:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	144	1	03/17/21 16:29	03/18/21 11:46	117-81-7	
Fluoranthene	**1370**	ug/kg	372	127	1	03/17/21 16:29	03/18/21 11:46	206-44-0	
Fluorene	**289J**	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	86-73-7	
Hexachlorobenzene	ND	ug/kg	372	145	1	03/17/21 16:29	03/18/21 11:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	213	1	03/17/21 16:29	03/18/21 11:46	77-47-4	
Hexachloroethane	ND	ug/kg	372	142	1	03/17/21 16:29	03/18/21 11:46	67-72-1	
Indeno(1,2,3-cd)pyrene	**370J**	ug/kg	372	147	1	03/17/21 16:29	03/18/21 11:46	193-39-5	
Isophorone	ND	ug/kg	372	166	1	03/17/21 16:29	03/18/21 11:46	78-59-1	
1-Methylnaphthalene	**458**	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	90-12-0	
2-Methylnaphthalene	**520**	ug/kg	372	149	1	03/17/21 16:29	03/18/21 11:46	91-57-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_0.5-1.0_20210315 **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	372	152	1	03/17/21 16:29	03/18/21 11:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	372	150	1	03/17/21 16:29	03/18/21 11:46	15831-10-4	
2-Nitroaniline	ND	ug/kg	1860	304	1	03/17/21 16:29	03/18/21 11:46	88-74-4	
3-Nitroaniline	ND	ug/kg	1860	292	1	03/17/21 16:29	03/18/21 11:46	99-09-2	
4-Nitroaniline	ND	ug/kg	744	283	1	03/17/21 16:29	03/18/21 11:46	100-01-6	
Nitrobenzene	ND	ug/kg	372	172	1	03/17/21 16:29	03/18/21 11:46	98-95-3	
2-Nitrophenol	ND	ug/kg	372	161	1	03/17/21 16:29	03/18/21 11:46	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	719	1	03/17/21 16:29	03/18/21 11:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	372	125	1	03/17/21 16:29	03/18/21 11:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	372	140	1	03/17/21 16:29	03/18/21 11:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	132	1	03/17/21 16:29	03/18/21 11:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	372	177	1	03/17/21 16:29	03/18/21 11:46	108-60-1	
Pentachlorophenol	ND	ug/kg	744	364	1	03/17/21 16:29	03/18/21 11:46	87-86-5	
Phenanthrene	**1470**	ug/kg	372	122	1	03/17/21 16:29	03/18/21 11:46	85-01-8	
Phenol	ND	ug/kg	372	166	1	03/17/21 16:29	03/18/21 11:46	108-95-2	
Pyrene	**1400**	ug/kg	372	151	1	03/17/21 16:29	03/18/21 11:46	129-00-0	
Pyridine	ND	ug/kg	372	117	1	03/17/21 16:29	03/18/21 11:46	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	372	170	1	03/17/21 16:29	03/18/21 11:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	153	1	03/17/21 16:29	03/18/21 11:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	03/17/21 16:29	03/18/21 11:46	4165-60-0	
2-Fluorobiphenyl (S)	71	%	19-130		1	03/17/21 16:29	03/18/21 11:46	321-60-8	
Terphenyl-d14 (S)	102	%	15-130		1	03/17/21 16:29	03/18/21 11:46	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	03/17/21 16:29	03/18/21 11:46	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	03/17/21 16:29	03/18/21 11:46	367-12-4	
2,4,6-Tribromophenol (S)	77	%	18-130		1	03/17/21 16:29	03/18/21 11:46	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	125	40.3	1	03/17/21 16:07	03/17/21 18:11	67-64-1	
Benzene	**41.8**	ug/kg	6.3	2.5	1	03/17/21 16:07	03/17/21 18:11	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 18:11	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 18:11	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	75-25-2	
Bromomethane	ND	ug/kg	12.5	9.9	1	03/17/21 16:07	03/17/21 18:11	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	125	30.1	1	03/17/21 16:07	03/17/21 18:11	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 18:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 18:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 18:11	56-23-5	
Chlorobenzene	**7.0**	ug/kg	6.3	1.2	1	03/17/21 16:07	03/17/21 18:11	108-90-7	
Chloroethane	ND	ug/kg	12.5	4.8	1	03/17/21 16:07	03/17/21 18:11	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_0.5-1.0_20210315 **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	6.3	3.8	1	03/17/21 16:07	03/17/21 18:11	67-66-3	
Chloromethane	ND	ug/kg	12.5	5.3	1	03/17/21 16:07	03/17/21 18:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	03/17/21 16:07	03/17/21 18:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 18:11	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.5	1	03/17/21 16:07	03/17/21 18:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 18:11	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.3	1	03/17/21 16:07	03/17/21 18:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 18:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.5	2.7	1	03/17/21 16:07	03/17/21 18:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 18:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.2	1	03/17/21 16:07	03/17/21 18:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 18:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 18:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 18:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	108-20-3	
Ethylbenzene	**23.4**	ug/kg	6.3	2.9	1	03/17/21 16:07	03/17/21 18:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.5	10.3	1	03/17/21 16:07	03/17/21 18:11	87-68-3	IK
2-Hexanone	ND	ug/kg	62.7	6.0	1	03/17/21 16:07	03/17/21 18:11	591-78-6	
Isopropylbenzene (Cumene)	**5.7J**	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	98-82-8	
p-Isopropyltoluene	**9.6**	ug/kg	6.3	3.1	1	03/17/21 16:07	03/17/21 18:11	99-87-6	
Methylene Chloride	ND	ug/kg	25.1	17.2	1	03/17/21 16:07	03/17/21 18:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.7	6.0	1	03/17/21 16:07	03/17/21 18:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 18:11	1634-04-4	
Naphthalene	**372**	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 18:11	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	103-65-1	
Styrene	**3.8J**	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 18:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	127-18-4	
Toluene	**64.6**	ug/kg	6.3	1.8	1	03/17/21 16:07	03/17/21 18:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	03/17/21 16:07	03/17/21 18:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	03/17/21 16:07	03/17/21 18:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 18:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_0.5-1.0_20210315 **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 18:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	3.4	1	03/17/21 16:07	03/17/21 18:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	03/17/21 16:07	03/17/21 18:11	96-18-4	
1,2,4-Trimethylbenzene	**19.2**	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	95-63-6	
1,3,5-Trimethylbenzene	**6.8**	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	108-67-8	
Vinyl acetate	ND	ug/kg	62.7	4.6	1	03/17/21 16:07	03/17/21 18:11	108-05-4	
Vinyl chloride	ND	ug/kg	12.5	3.2	1	03/17/21 16:07	03/17/21 18:11	75-01-4	
Xylene (Total)	**70.4**	ug/kg	12.5	3.6	1	03/17/21 16:07	03/17/21 18:11	1330-20-7	
m&p-Xylene	**49.8**	ug/kg	12.5	4.3	1	03/17/21 16:07	03/17/21 18:11	179601-23-1	
o-Xylene	**20.6**	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 18:11	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/17/21 16:07	03/17/21 18:11	2037-26-5	
4-Bromofluorobenzene (S)	93	%	69-134		1	03/17/21 16:07	03/17/21 18:11	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/17/21 16:07	03/17/21 18:11	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**11.9**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_5.5-6.0_20210315 **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	**269J**	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	83-32-9	
Acenaphthylene	**185J**	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	208-96-8	
Aniline	ND	ug/kg	517	202	1	03/17/21 16:29	03/18/21 12:47	62-53-3	
Anthracene	**716**	ug/kg	517	169	1	03/17/21 16:29	03/18/21 12:47	120-12-7	
Benzo(a)anthracene	**1640**	ug/kg	517	172	1	03/17/21 16:29	03/18/21 12:47	56-55-3	
Benzo(b)fluoranthene	**2020**	ug/kg	517	172	1	03/17/21 16:29	03/18/21 12:47	205-99-2	
Benzo(g,h,i)perylene	**975**	ug/kg	517	201	1	03/17/21 16:29	03/18/21 12:47	191-24-2	
Benzo(k)fluoranthene	**791**	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	03/17/21 16:29	03/18/21 12:47	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	392	1	03/17/21 16:29	03/18/21 12:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	517	199	1	03/17/21 16:29	03/18/21 12:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	517	218	1	03/17/21 16:29	03/18/21 12:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	03/17/21 16:29	03/18/21 12:47	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	406	1	03/17/21 16:29	03/18/21 12:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	517	215	1	03/17/21 16:29	03/18/21 12:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	517	194	1	03/17/21 16:29	03/18/21 12:47	111-44-4	
2-Chloronaphthalene	ND	ug/kg	517	205	1	03/17/21 16:29	03/18/21 12:47	91-58-7	
2-Chlorophenol	ND	ug/kg	517	194	1	03/17/21 16:29	03/18/21 12:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	517	193	1	03/17/21 16:29	03/18/21 12:47	7005-72-3	
Chrysene	**1530**	ug/kg	517	188	1	03/17/21 16:29	03/18/21 12:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	517	199	1	03/17/21 16:29	03/18/21 12:47	53-70-3	
Dibenzofuran	ND	ug/kg	517	186	1	03/17/21 16:29	03/18/21 12:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	03/17/21 16:29	03/18/21 12:47	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	517	202	1	03/17/21 16:29	03/18/21 12:47	120-83-2	
Diethylphthalate	ND	ug/kg	517	190	1	03/17/21 16:29	03/18/21 12:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	517	215	1	03/17/21 16:29	03/18/21 12:47	105-67-9	
Dimethylphthalate	ND	ug/kg	517	188	1	03/17/21 16:29	03/18/21 12:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	517	174	1	03/17/21 16:29	03/18/21 12:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	03/17/21 16:29	03/18/21 12:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	03/17/21 16:29	03/18/21 12:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	517	199	1	03/17/21 16:29	03/18/21 12:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	517	190	1	03/17/21 16:29	03/18/21 12:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	517	204	1	03/17/21 16:29	03/18/21 12:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	517	201	1	03/17/21 16:29	03/18/21 12:47	117-81-7	
Fluoranthene	**3920**	ug/kg	517	177	1	03/17/21 16:29	03/18/21 12:47	206-44-0	
Fluorene	**329J**	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	86-73-7	
Hexachlorobenzene	ND	ug/kg	517	202	1	03/17/21 16:29	03/18/21 12:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	517	296	1	03/17/21 16:29	03/18/21 12:47	77-47-4	
Hexachloroethane	ND	ug/kg	517	197	1	03/17/21 16:29	03/18/21 12:47	67-72-1	
Indeno(1,2,3-cd)pyrene	**800**	ug/kg	517	204	1	03/17/21 16:29	03/18/21 12:47	193-39-5	
Isophorone	ND	ug/kg	517	230	1	03/17/21 16:29	03/18/21 12:47	78-59-1	
1-Methylnaphthalene	ND	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	90-12-0	
2-Methylnaphthalene	ND	ug/kg	517	207	1	03/17/21 16:29	03/18/21 12:47	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_5.5-6.0_20210315 **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	517	211	1	03/17/21 16:29	03/18/21 12:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	517	208	1	03/17/21 16:29	03/18/21 12:47	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	423	1	03/17/21 16:29	03/18/21 12:47	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	406	1	03/17/21 16:29	03/18/21 12:47	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	03/17/21 16:29	03/18/21 12:47	100-01-6	
Nitrobenzene	ND	ug/kg	517	240	1	03/17/21 16:29	03/18/21 12:47	98-95-3	
2-Nitrophenol	ND	ug/kg	517	224	1	03/17/21 16:29	03/18/21 12:47	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	999	1	03/17/21 16:29	03/18/21 12:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	517	174	1	03/17/21 16:29	03/18/21 12:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	517	194	1	03/17/21 16:29	03/18/21 12:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	517	183	1	03/17/21 16:29	03/18/21 12:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	517	246	1	03/17/21 16:29	03/18/21 12:47	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	506	1	03/17/21 16:29	03/18/21 12:47	87-86-5	
Phenanthrene	**2730**	ug/kg	517	169	1	03/17/21 16:29	03/18/21 12:47	85-01-8	
Phenol	ND	ug/kg	517	230	1	03/17/21 16:29	03/18/21 12:47	108-95-2	
Pyrene	**3540**	ug/kg	517	210	1	03/17/21 16:29	03/18/21 12:47	129-00-0	
Pyridine	ND	ug/kg	517	163	1	03/17/21 16:29	03/18/21 12:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	517	237	1	03/17/21 16:29	03/18/21 12:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	517	213	1	03/17/21 16:29	03/18/21 12:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	21-130		1	03/17/21 16:29	03/18/21 12:47	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	03/17/21 16:29	03/18/21 12:47	321-60-8	
Terphenyl-d14 (S)	66	%	15-130		1	03/17/21 16:29	03/18/21 12:47	1718-51-0	
Phenol-d6 (S)	50	%	18-130		1	03/17/21 16:29	03/18/21 12:47	13127-88-3	
2-Fluorophenol (S)	48	%	18-130		1	03/17/21 16:29	03/18/21 12:47	367-12-4	
2,4,6-Tribromophenol (S)	62	%	18-130		1	03/17/21 16:29	03/18/21 12:47	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	199	64.0	1	03/17/21 16:07	03/17/21 18:29	67-64-1	
Benzene	ND	ug/kg	10	4.0	1	03/17/21 16:07	03/17/21 18:29	71-43-2	
Bromobenzene	ND	ug/kg	10	3.3	1	03/17/21 16:07	03/17/21 18:29	108-86-1	
Bromochloromethane	ND	ug/kg	10	3.0	1	03/17/21 16:07	03/17/21 18:29	74-97-5	
Bromodichloromethane	ND	ug/kg	10	3.9	1	03/17/21 16:07	03/17/21 18:29	75-27-4	
Bromoform	ND	ug/kg	10	3.5	1	03/17/21 16:07	03/17/21 18:29	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.8	1	03/17/21 16:07	03/17/21 18:29	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	199	47.9	1	03/17/21 16:07	03/17/21 18:29	78-93-3	
n-Butylbenzene	ND	ug/kg	10	4.7	1	03/17/21 16:07	03/17/21 18:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	10	4.4	1	03/17/21 16:07	03/17/21 18:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	10	3.6	1	03/17/21 16:07	03/17/21 18:29	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	10	3.7	1	03/17/21 16:07	03/17/21 18:29	56-23-5	
Chlorobenzene	**6.8J**	ug/kg	10	1.9	1	03/17/21 16:07	03/17/21 18:29	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	03/17/21 16:07	03/17/21 18:29	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_5.5-6.0_20210315 **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	10	6.1	1	03/17/21 16:07	03/17/21 18:29	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.4	1	03/17/21 16:07	03/17/21 18:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	10	3.5	1	03/17/21 16:07	03/17/21 18:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	10	1.8	1	03/17/21 16:07	03/17/21 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10	3.9	1	03/17/21 16:07	03/17/21 18:29	96-12-8	
Dibromochloromethane	ND	ug/kg	10	5.6	1	03/17/21 16:07	03/17/21 18:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10	4.4	1	03/17/21 16:07	03/17/21 18:29	106-93-4	
Dibromomethane	ND	ug/kg	10	2.1	1	03/17/21 16:07	03/17/21 18:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10	3.6	1	03/17/21 16:07	03/17/21 18:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10	3.1	1	03/17/21 16:07	03/17/21 18:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	03/17/21 16:07	03/17/21 18:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10	4.1	1	03/17/21 16:07	03/17/21 18:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10	6.6	1	03/17/21 16:07	03/17/21 18:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10	4.1	1	03/17/21 16:07	03/17/21 18:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10	3.5	1	03/17/21 16:07	03/17/21 18:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10	3.0	1	03/17/21 16:07	03/17/21 18:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10	3.1	1	03/17/21 16:07	03/17/21 18:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10	3.3	1	03/17/21 16:07	03/17/21 18:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10	4.8	1	03/17/21 16:07	03/17/21 18:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10	2.7	1	03/17/21 16:07	03/17/21 18:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	10	2.7	1	03/17/21 16:07	03/17/21 18:29	108-20-3	
Ethylbenzene	ND	ug/kg	10	4.6	1	03/17/21 16:07	03/17/21 18:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	03/17/21 16:07	03/17/21 18:29	87-68-3	IK
2-Hexanone	ND	ug/kg	99.7	9.6	1	03/17/21 16:07	03/17/21 18:29	591-78-6	
Isopropylbenzene (Cumene)	**20.6**	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	98-82-8	
p-Isopropyltoluene	**34.3**	ug/kg	10	4.9	1	03/17/21 16:07	03/17/21 18:29	99-87-6	
Methylene Chloride	ND	ug/kg	39.9	27.3	1	03/17/21 16:07	03/17/21 18:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.7	9.6	1	03/17/21 16:07	03/17/21 18:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10	3.7	1	03/17/21 16:07	03/17/21 18:29	1634-04-4	
Naphthalene	**60.0**	ug/kg	10	5.2	1	03/17/21 16:07	03/17/21 18:29	91-20-3	
n-Propylbenzene	ND	ug/kg	10	3.6	1	03/17/21 16:07	03/17/21 18:29	103-65-1	
Styrene	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10	3.8	1	03/17/21 16:07	03/17/21 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	79-34-5	
Tetrachloroethene	ND	ug/kg	10	3.2	1	03/17/21 16:07	03/17/21 18:29	127-18-4	
Toluene	**5.1J**	ug/kg	10	2.8	1	03/17/21 16:07	03/17/21 18:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10	8.1	1	03/17/21 16:07	03/17/21 18:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10	8.4	1	03/17/21 16:07	03/17/21 18:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10	5.2	1	03/17/21 16:07	03/17/21 18:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10	3.3	1	03/17/21 16:07	03/17/21 18:29	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-15_SO_5.5-6.0_20210315 **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10	5.5	1	03/17/21 16:07	03/17/21 18:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10	5.0	1	03/17/21 16:07	03/17/21 18:29	96-18-4	
1,2,4-Trimethylbenzene	**13.0**	ug/kg	10	2.7	1	03/17/21 16:07	03/17/21 18:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	108-67-8	
Vinyl acetate	ND	ug/kg	99.7	7.3	1	03/17/21 16:07	03/17/21 18:29	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.1	1	03/17/21 16:07	03/17/21 18:29	75-01-4	
Xylene (Total)	**15.7J**	ug/kg	19.9	5.7	1	03/17/21 16:07	03/17/21 18:29	1330-20-7	
m&p-Xylene	**15.7J**	ug/kg	19.9	6.8	1	03/17/21 16:07	03/17/21 18:29	179601-23-1	
o-Xylene	ND	ug/kg	10	4.4	1	03/17/21 16:07	03/17/21 18:29	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1	03/17/21 16:07	03/17/21 18:29	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 18:29	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1	03/17/21 16:07	03/17/21 18:29	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**36.8**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_0.5-1.0_20210315 **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	83-32-9	
Acenaphthylene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	208-96-8	
Aniline	ND	ug/kg	389	152	1	03/17/21 16:29	03/18/21 13:19	62-53-3	
Anthracene	ND	ug/kg	389	127	1	03/17/21 16:29	03/18/21 13:19	120-12-7	
Benzo(a)anthracene	ND	ug/kg	389	130	1	03/17/21 16:29	03/18/21 13:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	389	130	1	03/17/21 16:29	03/18/21 13:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	389	151	1	03/17/21 16:29	03/18/21 13:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	207-08-9	
Benzoic Acid	ND	ug/kg	1940	835	1	03/17/21 16:29	03/18/21 13:19	65-85-0	
Benzyl alcohol	ND	ug/kg	777	294	1	03/17/21 16:29	03/18/21 13:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	389	150	1	03/17/21 16:29	03/18/21 13:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	389	164	1	03/17/21 16:29	03/18/21 13:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	777	273	1	03/17/21 16:29	03/18/21 13:19	59-50-7	
4-Chloroaniline	ND	ug/kg	777	305	1	03/17/21 16:29	03/18/21 13:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	389	161	1	03/17/21 16:29	03/18/21 13:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	389	146	1	03/17/21 16:29	03/18/21 13:19	111-44-4	
2-Chloronaphthalene	ND	ug/kg	389	154	1	03/17/21 16:29	03/18/21 13:19	91-58-7	
2-Chlorophenol	ND	ug/kg	389	146	1	03/17/21 16:29	03/18/21 13:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	389	145	1	03/17/21 16:29	03/18/21 13:19	7005-72-3	
Chrysene	ND	ug/kg	389	141	1	03/17/21 16:29	03/18/21 13:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	389	150	1	03/17/21 16:29	03/18/21 13:19	53-70-3	
Dibenzofuran	ND	ug/kg	389	140	1	03/17/21 16:29	03/18/21 13:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	777	263	1	03/17/21 16:29	03/18/21 13:19	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	389	152	1	03/17/21 16:29	03/18/21 13:19	120-83-2	
Diethylphthalate	ND	ug/kg	389	143	1	03/17/21 16:29	03/18/21 13:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	389	161	1	03/17/21 16:29	03/18/21 13:19	105-67-9	
Dimethylphthalate	ND	ug/kg	389	141	1	03/17/21 16:29	03/18/21 13:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	389	131	1	03/17/21 16:29	03/18/21 13:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	777	363	1	03/17/21 16:29	03/18/21 13:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1940	1200	1	03/17/21 16:29	03/18/21 13:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	389	150	1	03/17/21 16:29	03/18/21 13:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	389	143	1	03/17/21 16:29	03/18/21 13:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	389	153	1	03/17/21 16:29	03/18/21 13:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	389	151	1	03/17/21 16:29	03/18/21 13:19	117-81-7	
Fluoranthene	ND	ug/kg	389	133	1	03/17/21 16:29	03/18/21 13:19	206-44-0	
Fluorene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	86-73-7	
Hexachlorobenzene	ND	ug/kg	389	152	1	03/17/21 16:29	03/18/21 13:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	389	223	1	03/17/21 16:29	03/18/21 13:19	77-47-4	
Hexachloroethane	ND	ug/kg	389	148	1	03/17/21 16:29	03/18/21 13:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	389	153	1	03/17/21 16:29	03/18/21 13:19	193-39-5	
Isophorone	ND	ug/kg	389	173	1	03/17/21 16:29	03/18/21 13:19	78-59-1	
1-Methylnaphthalene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	90-12-0	
2-Methylnaphthalene	ND	ug/kg	389	155	1	03/17/21 16:29	03/18/21 13:19	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_0.5-1.0_20210315 **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	389	159	1	03/17/21 16:29	03/18/21 13:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	389	157	1	03/17/21 16:29	03/18/21 13:19	15831-10-4	
2-Nitroaniline	ND	ug/kg	1940	318	1	03/17/21 16:29	03/18/21 13:19	88-74-4	
3-Nitroaniline	ND	ug/kg	1940	305	1	03/17/21 16:29	03/18/21 13:19	99-09-2	
4-Nitroaniline	ND	ug/kg	777	296	1	03/17/21 16:29	03/18/21 13:19	100-01-6	
Nitrobenzene	ND	ug/kg	389	180	1	03/17/21 16:29	03/18/21 13:19	98-95-3	
2-Nitrophenol	ND	ug/kg	389	168	1	03/17/21 16:29	03/18/21 13:19	88-75-5	
4-Nitrophenol	ND	ug/kg	1940	751	1	03/17/21 16:29	03/18/21 13:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	389	131	1	03/17/21 16:29	03/18/21 13:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	389	146	1	03/17/21 16:29	03/18/21 13:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	389	138	1	03/17/21 16:29	03/18/21 13:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	389	185	1	03/17/21 16:29	03/18/21 13:19	108-60-1	
Pentachlorophenol	ND	ug/kg	777	380	1	03/17/21 16:29	03/18/21 13:19	87-86-5	
Phenanthrene	ND	ug/kg	389	127	1	03/17/21 16:29	03/18/21 13:19	85-01-8	
Phenol	ND	ug/kg	389	173	1	03/17/21 16:29	03/18/21 13:19	108-95-2	
Pyrene	ND	ug/kg	389	158	1	03/17/21 16:29	03/18/21 13:19	129-00-0	
Pyridine	ND	ug/kg	389	122	1	03/17/21 16:29	03/18/21 13:19	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	389	178	1	03/17/21 16:29	03/18/21 13:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	389	160	1	03/17/21 16:29	03/18/21 13:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	03/17/21 16:29	03/18/21 13:19	4165-60-0	
2-Fluorobiphenyl (S)	68	%	19-130		1	03/17/21 16:29	03/18/21 13:19	321-60-8	
Terphenyl-d14 (S)	98	%	15-130		1	03/17/21 16:29	03/18/21 13:19	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	03/17/21 16:29	03/18/21 13:19	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	03/17/21 16:29	03/18/21 13:19	367-12-4	
2,4,6-Tribromophenol (S)	81	%	18-130		1	03/17/21 16:29	03/18/21 13:19	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	124	39.8	1	03/18/21 12:56	03/19/21 00:27	67-64-1	
Benzene	ND	ug/kg	6.2	2.5	1	03/18/21 12:56	03/19/21 00:27	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	03/18/21 12:56	03/19/21 00:27	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	03/18/21 12:56	03/19/21 00:27	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	03/18/21 12:56	03/19/21 00:27	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	03/18/21 12:56	03/19/21 00:27	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	124	29.7	1	03/18/21 12:56	03/19/21 00:27	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	2.9	1	03/18/21 12:56	03/19/21 00:27	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	03/18/21 12:56	03/19/21 00:27	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	03/18/21 12:56	03/19/21 00:27	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	03/18/21 12:56	03/19/21 00:27	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	03/18/21 12:56	03/19/21 00:27	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_0.5-1.0_20210315 **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	6.2	3.8	1	03/18/21 12:56	03/19/21 00:27	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	03/18/21 12:56	03/19/21 00:27	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	03/18/21 12:56	03/19/21 00:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	03/18/21 12:56	03/19/21 00:27	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	03/18/21 12:56	03/19/21 00:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	03/18/21 12:56	03/19/21 00:27	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	03/18/21 12:56	03/19/21 00:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	03/18/21 12:56	03/19/21 00:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	03/18/21 12:56	03/19/21 00:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.6	1	03/18/21 12:56	03/19/21 00:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	03/18/21 12:56	03/19/21 00:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.6	1	03/18/21 12:56	03/19/21 00:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	03/18/21 12:56	03/19/21 00:27	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	03/18/21 12:56	03/19/21 00:27	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	03/18/21 12:56	03/19/21 00:27	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	03/18/21 12:56	03/19/21 00:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	03/18/21 12:56	03/19/21 00:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1.7	1	03/18/21 12:56	03/19/21 00:27	108-20-3	
Ethylbenzene	ND	ug/kg	6.2	2.9	1	03/18/21 12:56	03/19/21 00:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.1	1	03/18/21 12:56	03/19/21 00:27	87-68-3	IK
2-Hexanone	ND	ug/kg	61.9	6.0	1	03/18/21 12:56	03/19/21 00:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	3.0	1	03/18/21 12:56	03/19/21 00:27	99-87-6	
Methylene Chloride	ND	ug/kg	24.8	17.0	1	03/18/21 12:56	03/19/21 00:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.9	6.0	1	03/18/21 12:56	03/19/21 00:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	03/18/21 12:56	03/19/21 00:27	1634-04-4	
Naphthalene	**7.8**	ug/kg	6.2	3.3	1	03/18/21 12:56	03/19/21 00:27	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	103-65-1	
Styrene	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	03/18/21 12:56	03/19/21 00:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	03/18/21 12:56	03/19/21 00:27	127-18-4	
Toluene	**9.7**	ug/kg	6.2	1.8	1	03/18/21 12:56	03/19/21 00:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	03/18/21 12:56	03/19/21 00:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	03/18/21 12:56	03/19/21 00:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	03/18/21 12:56	03/19/21 00:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_0.5-1.0_20210315 **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	03/18/21 12:56	03/19/21 00:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	03/18/21 12:56	03/19/21 00:27	96-18-4	
1,2,4-Trimethylbenzene	**3.4J**	ug/kg	6.2	1.7	1	03/18/21 12:56	03/19/21 00:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	108-67-8	
Vinyl acetate	ND	ug/kg	61.9	4.5	1	03/18/21 12:56	03/19/21 00:27	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.1	1	03/18/21 12:56	03/19/21 00:27	75-01-4	
Xylene (Total)	**10.5J**	ug/kg	12.4	3.5	1	03/18/21 12:56	03/19/21 00:27	1330-20-7	
m&p-Xylene	**10.5J**	ug/kg	12.4	4.2	1	03/18/21 12:56	03/19/21 00:27	179601-23-1	
o-Xylene	ND	ug/kg	6.2	2.7	1	03/18/21 12:56	03/19/21 00:27	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/18/21 12:56	03/19/21 00:27	2037-26-5	
4-Bromofluorobenzene (S)	91	%	69-134		1	03/18/21 12:56	03/19/21 00:27	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/18/21 12:56	03/19/21 00:27	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**14.2**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_5.5-6.0_20210315 **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	**7710**	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	83-32-9	E
Acenaphthylene	ND	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	208-96-8	
Aniline	ND	ug/kg	516	202	1	03/17/21 16:29	03/18/21 13:49	62-53-3	
Anthracene	**17300**	ug/kg	10300	3380	20	03/17/21 16:29	03/18/21 22:41	120-12-7	
Benzo(a)anthracene	**23800**	ug/kg	10300	3440	20	03/17/21 16:29	03/18/21 22:41	56-55-3	
Benzo(b)fluoranthene	**21300**	ug/kg	10300	3440	20	03/17/21 16:29	03/18/21 22:41	205-99-2	
Benzo(g,h,i)perylene	**9630**	ug/kg	516	200	1	03/17/21 16:29	03/18/21 13:49	191-24-2	
Benzo(k)fluoranthene	**8160**	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	03/17/21 16:29	03/18/21 13:49	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	391	1	03/17/21 16:29	03/18/21 13:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	516	199	1	03/17/21 16:29	03/18/21 13:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	516	217	1	03/17/21 16:29	03/18/21 13:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	03/17/21 16:29	03/18/21 13:49	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	405	1	03/17/21 16:29	03/18/21 13:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	516	214	1	03/17/21 16:29	03/18/21 13:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	516	194	1	03/17/21 16:29	03/18/21 13:49	111-44-4	
2-Chloronaphthalene	ND	ug/kg	516	205	1	03/17/21 16:29	03/18/21 13:49	91-58-7	
2-Chlorophenol	ND	ug/kg	516	194	1	03/17/21 16:29	03/18/21 13:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	516	192	1	03/17/21 16:29	03/18/21 13:49	7005-72-3	
Chrysene	**23000**	ug/kg	10300	3760	20	03/17/21 16:29	03/18/21 22:41	218-01-9	
Dibenz(a,h)anthracene	**2920**	ug/kg	516	199	1	03/17/21 16:29	03/18/21 13:49	53-70-3	
Dibenzofuran	**4160**	ug/kg	516	186	1	03/17/21 16:29	03/18/21 13:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	03/17/21 16:29	03/18/21 13:49	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	516	202	1	03/17/21 16:29	03/18/21 13:49	120-83-2	
Diethylphthalate	ND	ug/kg	516	189	1	03/17/21 16:29	03/18/21 13:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	516	214	1	03/17/21 16:29	03/18/21 13:49	105-67-9	
Dimethylphthalate	ND	ug/kg	516	188	1	03/17/21 16:29	03/18/21 13:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	516	174	1	03/17/21 16:29	03/18/21 13:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	03/17/21 16:29	03/18/21 13:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	03/17/21 16:29	03/18/21 13:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	516	199	1	03/17/21 16:29	03/18/21 13:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	516	189	1	03/17/21 16:29	03/18/21 13:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	516	203	1	03/17/21 16:29	03/18/21 13:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	516	200	1	03/17/21 16:29	03/18/21 13:49	117-81-7	
Fluoranthene	**58500**	ug/kg	10300	3540	20	03/17/21 16:29	03/18/21 22:41	206-44-0	
Fluorene	**10200**	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	86-73-7	E
Hexachlorobenzene	ND	ug/kg	516	202	1	03/17/21 16:29	03/18/21 13:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	516	296	1	03/17/21 16:29	03/18/21 13:49	77-47-4	
Hexachloroethane	ND	ug/kg	516	197	1	03/17/21 16:29	03/18/21 13:49	67-72-1	
Indeno(1,2,3-cd)pyrene	**9200**	ug/kg	516	203	1	03/17/21 16:29	03/18/21 13:49	193-39-5	
Isophorone	ND	ug/kg	516	230	1	03/17/21 16:29	03/18/21 13:49	78-59-1	
1-Methylnaphthalene	**1490**	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	90-12-0	
2-Methylnaphthalene	**695**	ug/kg	516	207	1	03/17/21 16:29	03/18/21 13:49	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_5.5-6.0_20210315 **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	516	211	1	03/17/21 16:29	03/18/21 13:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	516	208	1	03/17/21 16:29	03/18/21 13:49	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	422	1	03/17/21 16:29	03/18/21 13:49	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	405	1	03/17/21 16:29	03/18/21 13:49	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	03/17/21 16:29	03/18/21 13:49	100-01-6	
Nitrobenzene	ND	ug/kg	516	239	1	03/17/21 16:29	03/18/21 13:49	98-95-3	
2-Nitrophenol	ND	ug/kg	516	224	1	03/17/21 16:29	03/18/21 13:49	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	998	1	03/17/21 16:29	03/18/21 13:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	516	174	1	03/17/21 16:29	03/18/21 13:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	516	194	1	03/17/21 16:29	03/18/21 13:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	516	183	1	03/17/21 16:29	03/18/21 13:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	516	246	1	03/17/21 16:29	03/18/21 13:49	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	505	1	03/17/21 16:29	03/18/21 13:49	87-86-5	
Phenanthrene	**55400**	ug/kg	10300	3380	20	03/17/21 16:29	03/18/21 22:41	85-01-8	
Phenol	ND	ug/kg	516	230	1	03/17/21 16:29	03/18/21 13:49	108-95-2	
Pyrene	**48100**	ug/kg	10300	4190	20	03/17/21 16:29	03/18/21 22:41	129-00-0	
Pyridine	ND	ug/kg	516	163	1	03/17/21 16:29	03/18/21 13:49	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	516	236	1	03/17/21 16:29	03/18/21 13:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	516	213	1	03/17/21 16:29	03/18/21 13:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	21-130		1	03/17/21 16:29	03/18/21 13:49	4165-60-0	
2-Fluorobiphenyl (S)	38	%	19-130		1	03/17/21 16:29	03/18/21 13:49	321-60-8	
Terphenyl-d14 (S)	53	%	15-130		1	03/17/21 16:29	03/18/21 13:49	1718-51-0	
Phenol-d6 (S)	42	%	18-130		1	03/17/21 16:29	03/18/21 13:49	13127-88-3	
2-Fluorophenol (S)	41	%	18-130		1	03/17/21 16:29	03/18/21 13:49	367-12-4	
2,4,6-Tribromophenol (S)	55	%	18-130		1	03/17/21 16:29	03/18/21 13:49	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**83.5J**	ug/kg	215	68.9	1	03/17/21 16:07	03/17/21 23:11	67-64-1	
Benzene	ND	ug/kg	10.7	4.3	1	03/17/21 16:07	03/17/21 23:11	71-43-2	
Bromobenzene	ND	ug/kg	10.7	3.5	1	03/17/21 16:07	03/17/21 23:11	108-86-1	
Bromochloromethane	ND	ug/kg	10.7	3.2	1	03/17/21 16:07	03/17/21 23:11	74-97-5	
Bromodichloromethane	ND	ug/kg	10.7	4.1	1	03/17/21 16:07	03/17/21 23:11	75-27-4	
Bromoform	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	75-25-2	
Bromomethane	ND	ug/kg	21.5	17.0	1	03/17/21 16:07	03/17/21 23:11	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	**74.6J**	ug/kg	215	51.5	1	03/17/21 16:07	03/17/21 23:11	78-93-3	
n-Butylbenzene	ND	ug/kg	10.7	5.1	1	03/17/21 16:07	03/17/21 23:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.7	4.7	1	03/17/21 16:07	03/17/21 23:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	10.7	4.0	1	03/17/21 16:07	03/17/21 23:11	56-23-5	
Chlorobenzene	**40.2**	ug/kg	10.7	2.1	1	03/17/21 16:07	03/17/21 23:11	108-90-7	
Chloroethane	ND	ug/kg	21.5	8.3	1	03/17/21 16:07	03/17/21 23:11	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_5.5-6.0_20210315 **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	10.7	6.5	1	03/17/21 16:07	03/17/21 23:11	67-66-3	
Chloromethane	ND	ug/kg	21.5	9.0	1	03/17/21 16:07	03/17/21 23:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.7	1.9	1	03/17/21 16:07	03/17/21 23:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.7	4.2	1	03/17/21 16:07	03/17/21 23:11	96-12-8	
Dibromochloromethane	ND	ug/kg	10.7	6.0	1	03/17/21 16:07	03/17/21 23:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.7	4.7	1	03/17/21 16:07	03/17/21 23:11	106-93-4	
Dibromomethane	ND	ug/kg	10.7	2.3	1	03/17/21 16:07	03/17/21 23:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.7	3.9	1	03/17/21 16:07	03/17/21 23:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.7	3.3	1	03/17/21 16:07	03/17/21 23:11	541-73-1	
1,4-Dichlorobenzene	**12.2**	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	21.5	4.7	1	03/17/21 16:07	03/17/21 23:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.7	4.4	1	03/17/21 16:07	03/17/21 23:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.7	7.1	1	03/17/21 16:07	03/17/21 23:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.7	4.4	1	03/17/21 16:07	03/17/21 23:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.7	3.7	1	03/17/21 16:07	03/17/21 23:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.7	3.2	1	03/17/21 16:07	03/17/21 23:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.7	3.3	1	03/17/21 16:07	03/17/21 23:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.7	3.5	1	03/17/21 16:07	03/17/21 23:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.7	5.2	1	03/17/21 16:07	03/17/21 23:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.7	2.9	1	03/17/21 16:07	03/17/21 23:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.7	3.7	1	03/17/21 16:07	03/17/21 23:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	10.7	2.9	1	03/17/21 16:07	03/17/21 23:11	108-20-3	
Ethylbenzene	**10.8**	ug/kg	10.7	5.0	1	03/17/21 16:07	03/17/21 23:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	21.5	17.6	1	03/17/21 16:07	03/17/21 23:11	87-68-3	IK
2-Hexanone	ND	ug/kg	107	10.4	1	03/17/21 16:07	03/17/21 23:11	591-78-6	
Isopropylbenzene (Cumene)	**173**	ug/kg	10.7	3.7	1	03/17/21 16:07	03/17/21 23:11	98-82-8	
p-Isopropyltoluene	**56.9**	ug/kg	10.7	5.3	1	03/17/21 16:07	03/17/21 23:11	99-87-6	
Methylene Chloride	ND	ug/kg	42.9	29.4	1	03/17/21 16:07	03/17/21 23:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	107	10.4	1	03/17/21 16:07	03/17/21 23:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.7	4.0	1	03/17/21 16:07	03/17/21 23:11	1634-04-4	
Naphthalene	**1410**	ug/kg	10.7	5.6	1	03/17/21 16:07	03/17/21 23:11	91-20-3	
n-Propylbenzene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	103-65-1	
Styrene	**5.8J**	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.7	4.1	1	03/17/21 16:07	03/17/21 23:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	79-34-5	
Tetrachloroethene	ND	ug/kg	10.7	3.4	1	03/17/21 16:07	03/17/21 23:11	127-18-4	
Toluene	**17.2**	ug/kg	10.7	3.0	1	03/17/21 16:07	03/17/21 23:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.7	8.7	1	03/17/21 16:07	03/17/21 23:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.7	9.0	1	03/17/21 16:07	03/17/21 23:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.7	5.6	1	03/17/21 16:07	03/17/21 23:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.7	3.6	1	03/17/21 16:07	03/17/21 23:11	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-16_SO_5.5-6.0_20210315 **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.7	5.9	1	03/17/21 16:07	03/17/21 23:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.7	5.4	1	03/17/21 16:07	03/17/21 23:11	96-18-4	
1,2,4-Trimethylbenzene	**107**	ug/kg	10.7	2.9	1	03/17/21 16:07	03/17/21 23:11	95-63-6	
1,3,5-Trimethylbenzene	**43.0**	ug/kg	10.7	3.6	1	03/17/21 16:07	03/17/21 23:11	108-67-8	
Vinyl acetate	ND	ug/kg	107	7.8	1	03/17/21 16:07	03/17/21 23:11	108-05-4	
Vinyl chloride	ND	ug/kg	21.5	5.5	1	03/17/21 16:07	03/17/21 23:11	75-01-4	
Xylene (Total)	**131**	ug/kg	21.5	6.1	1	03/17/21 16:07	03/17/21 23:11	1330-20-7	
m&p-Xylene	**69.5**	ug/kg	21.5	7.3	1	03/17/21 16:07	03/17/21 23:11	179601-23-1	
o-Xylene	**61.1**	ug/kg	10.7	4.7	1	03/17/21 16:07	03/17/21 23:11	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/17/21 16:07	03/17/21 23:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 23:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 23:11	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**35.9**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_0.5-1.0_20210315 **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	83-32-9	
Acenaphthylene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	208-96-8	
Aniline	ND	ug/kg	414	162	1	03/17/21 16:29	03/18/21 14:20	62-53-3	
Anthracene	ND	ug/kg	414	136	1	03/17/21 16:29	03/18/21 14:20	120-12-7	
Benzo(a)anthracene	ND	ug/kg	414	138	1	03/17/21 16:29	03/18/21 14:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	414	138	1	03/17/21 16:29	03/18/21 14:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	414	161	1	03/17/21 16:29	03/18/21 14:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	207-08-9	
Benzoic Acid	ND	ug/kg	2070	890	1	03/17/21 16:29	03/18/21 14:20	65-85-0	
Benzyl alcohol	ND	ug/kg	828	314	1	03/17/21 16:29	03/18/21 14:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	414	159	1	03/17/21 16:29	03/18/21 14:20	101-55-3	
Butylbenzylphthalate	ND	ug/kg	414	174	1	03/17/21 16:29	03/18/21 14:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	828	291	1	03/17/21 16:29	03/18/21 14:20	59-50-7	
4-Chloroaniline	ND	ug/kg	828	325	1	03/17/21 16:29	03/18/21 14:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	414	172	1	03/17/21 16:29	03/18/21 14:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	414	156	1	03/17/21 16:29	03/18/21 14:20	111-44-4	
2-Chloronaphthalene	ND	ug/kg	414	164	1	03/17/21 16:29	03/18/21 14:20	91-58-7	
2-Chlorophenol	ND	ug/kg	414	156	1	03/17/21 16:29	03/18/21 14:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	414	154	1	03/17/21 16:29	03/18/21 14:20	7005-72-3	
Chrysene	ND	ug/kg	414	151	1	03/17/21 16:29	03/18/21 14:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	414	159	1	03/17/21 16:29	03/18/21 14:20	53-70-3	
Dibenzofuran	ND	ug/kg	414	149	1	03/17/21 16:29	03/18/21 14:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	828	280	1	03/17/21 16:29	03/18/21 14:20	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	414	162	1	03/17/21 16:29	03/18/21 14:20	120-83-2	
Diethylphthalate	ND	ug/kg	414	152	1	03/17/21 16:29	03/18/21 14:20	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	414	172	1	03/17/21 16:29	03/18/21 14:20	105-67-9	
Dimethylphthalate	ND	ug/kg	414	151	1	03/17/21 16:29	03/18/21 14:20	131-11-3	
Di-n-butylphthalate	ND	ug/kg	414	139	1	03/17/21 16:29	03/18/21 14:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	828	387	1	03/17/21 16:29	03/18/21 14:20	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2070	1280	1	03/17/21 16:29	03/18/21 14:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	414	159	1	03/17/21 16:29	03/18/21 14:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	414	152	1	03/17/21 16:29	03/18/21 14:20	606-20-2	
Di-n-octylphthalate	ND	ug/kg	414	163	1	03/17/21 16:29	03/18/21 14:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	414	161	1	03/17/21 16:29	03/18/21 14:20	117-81-7	
Fluoranthene	ND	ug/kg	414	142	1	03/17/21 16:29	03/18/21 14:20	206-44-0	
Fluorene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	86-73-7	
Hexachlorobenzene	ND	ug/kg	414	162	1	03/17/21 16:29	03/18/21 14:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	414	237	1	03/17/21 16:29	03/18/21 14:20	77-47-4	
Hexachloroethane	ND	ug/kg	414	158	1	03/17/21 16:29	03/18/21 14:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	414	163	1	03/17/21 16:29	03/18/21 14:20	193-39-5	
Isophorone	ND	ug/kg	414	185	1	03/17/21 16:29	03/18/21 14:20	78-59-1	
1-Methylnaphthalene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	90-12-0	
2-Methylnaphthalene	ND	ug/kg	414	166	1	03/17/21 16:29	03/18/21 14:20	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_0.5-1.0_20210315 **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546								
	Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	414	169	1	03/17/21 16:29	03/18/21 14:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	414	167	1	03/17/21 16:29	03/18/21 14:20	15831-10-4	
2-Nitroaniline	ND	ug/kg	2070	339	1	03/17/21 16:29	03/18/21 14:20	88-74-4	
3-Nitroaniline	ND	ug/kg	2070	325	1	03/17/21 16:29	03/18/21 14:20	99-09-2	
4-Nitroaniline	ND	ug/kg	828	315	1	03/17/21 16:29	03/18/21 14:20	100-01-6	
Nitrobenzene	ND	ug/kg	414	192	1	03/17/21 16:29	03/18/21 14:20	98-95-3	
2-Nitrophenol	ND	ug/kg	414	179	1	03/17/21 16:29	03/18/21 14:20	88-75-5	
4-Nitrophenol	ND	ug/kg	2070	801	1	03/17/21 16:29	03/18/21 14:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	414	139	1	03/17/21 16:29	03/18/21 14:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	414	156	1	03/17/21 16:29	03/18/21 14:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	414	147	1	03/17/21 16:29	03/18/21 14:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	414	197	1	03/17/21 16:29	03/18/21 14:20	108-60-1	
Pentachlorophenol	ND	ug/kg	828	405	1	03/17/21 16:29	03/18/21 14:20	87-86-5	
Phenanthrene	ND	ug/kg	414	136	1	03/17/21 16:29	03/18/21 14:20	85-01-8	
Phenol	ND	ug/kg	414	185	1	03/17/21 16:29	03/18/21 14:20	108-95-2	
Pyrene	ND	ug/kg	414	168	1	03/17/21 16:29	03/18/21 14:20	129-00-0	
Pyridine	ND	ug/kg	414	131	1	03/17/21 16:29	03/18/21 14:20	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	414	190	1	03/17/21 16:29	03/18/21 14:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	414	171	1	03/17/21 16:29	03/18/21 14:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	21-130		1	03/17/21 16:29	03/18/21 14:20	4165-60-0	
2-Fluorobiphenyl (S)	66	%	19-130		1	03/17/21 16:29	03/18/21 14:20	321-60-8	
Terphenyl-d14 (S)	81	%	15-130		1	03/17/21 16:29	03/18/21 14:20	1718-51-0	
Phenol-d6 (S)	77	%	18-130		1	03/17/21 16:29	03/18/21 14:20	13127-88-3	
2-Fluorophenol (S)	70	%	18-130		1	03/17/21 16:29	03/18/21 14:20	367-12-4	
2,4,6-Tribromophenol (S)	64	%	18-130		1	03/17/21 16:29	03/18/21 14:20	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	174	56.0	1	03/17/21 16:07	03/17/21 19:04	67-64-1	
Benzene	ND	ug/kg	8.7	3.5	1	03/17/21 16:07	03/17/21 19:04	71-43-2	
Bromobenzene	ND	ug/kg	8.7	2.8	1	03/17/21 16:07	03/17/21 19:04	108-86-1	
Bromochloromethane	ND	ug/kg	8.7	2.6	1	03/17/21 16:07	03/17/21 19:04	74-97-5	
Bromodichloromethane	ND	ug/kg	8.7	3.4	1	03/17/21 16:07	03/17/21 19:04	75-27-4	
Bromoform	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	75-25-2	
Bromomethane	ND	ug/kg	17.4	13.8	1	03/17/21 16:07	03/17/21 19:04	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	174	41.9	1	03/17/21 16:07	03/17/21 19:04	78-93-3	
n-Butylbenzene	ND	ug/kg	8.7	4.1	1	03/17/21 16:07	03/17/21 19:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.7	3.8	1	03/17/21 16:07	03/17/21 19:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	8.7	3.3	1	03/17/21 16:07	03/17/21 19:04	56-23-5	
Chlorobenzene	ND	ug/kg	8.7	1.7	1	03/17/21 16:07	03/17/21 19:04	108-90-7	
Chloroethane	ND	ug/kg	17.4	6.7	1	03/17/21 16:07	03/17/21 19:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_0.5-1.0_20210315 **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	8.7	5.3	1	03/17/21 16:07	03/17/21 19:04	67-66-3	
Chloromethane	ND	ug/kg	17.4	7.3	1	03/17/21 16:07	03/17/21 19:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.7	1.5	1	03/17/21 16:07	03/17/21 19:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.7	3.4	1	03/17/21 16:07	03/17/21 19:04	96-12-8	
Dibromochloromethane	ND	ug/kg	8.7	4.9	1	03/17/21 16:07	03/17/21 19:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.7	3.8	1	03/17/21 16:07	03/17/21 19:04	106-93-4	
Dibromomethane	ND	ug/kg	8.7	1.9	1	03/17/21 16:07	03/17/21 19:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.7	2.7	1	03/17/21 16:07	03/17/21 19:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.7	2.3	1	03/17/21 16:07	03/17/21 19:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.4	3.8	1	03/17/21 16:07	03/17/21 19:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.7	3.6	1	03/17/21 16:07	03/17/21 19:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.7	5.8	1	03/17/21 16:07	03/17/21 19:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.7	3.6	1	03/17/21 16:07	03/17/21 19:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	03/17/21 16:07	03/17/21 19:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.7	2.6	1	03/17/21 16:07	03/17/21 19:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.7	2.7	1	03/17/21 16:07	03/17/21 19:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.7	2.8	1	03/17/21 16:07	03/17/21 19:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.7	4.2	1	03/17/21 16:07	03/17/21 19:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.7	2.4	1	03/17/21 16:07	03/17/21 19:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.7	3.0	1	03/17/21 16:07	03/17/21 19:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.7	2.4	1	03/17/21 16:07	03/17/21 19:04	108-20-3	
Ethylbenzene	ND	ug/kg	8.7	4.1	1	03/17/21 16:07	03/17/21 19:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.4	14.3	1	03/17/21 16:07	03/17/21 19:04	87-68-3	IK
2-Hexanone	ND	ug/kg	87.2	8.4	1	03/17/21 16:07	03/17/21 19:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	3.0	1	03/17/21 16:07	03/17/21 19:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.7	4.3	1	03/17/21 16:07	03/17/21 19:04	99-87-6	
Methylene Chloride	ND	ug/kg	34.9	23.9	1	03/17/21 16:07	03/17/21 19:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	87.2	8.4	1	03/17/21 16:07	03/17/21 19:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.7	3.3	1	03/17/21 16:07	03/17/21 19:04	1634-04-4	
Naphthalene	**8.0J**	ug/kg	8.7	4.6	1	03/17/21 16:07	03/17/21 19:04	91-20-3	C8
n-Propylbenzene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	103-65-1	
Styrene	ND	ug/kg	8.7	2.3	1	03/17/21 16:07	03/17/21 19:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.7	3.3	1	03/17/21 16:07	03/17/21 19:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.7	2.3	1	03/17/21 16:07	03/17/21 19:04	79-34-5	
Tetrachloroethene	ND	ug/kg	8.7	2.8	1	03/17/21 16:07	03/17/21 19:04	127-18-4	
Toluene	**12.7**	ug/kg	8.7	2.5	1	03/17/21 16:07	03/17/21 19:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.7	7.0	1	03/17/21 16:07	03/17/21 19:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.7	7.3	1	03/17/21 16:07	03/17/21 19:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.7	4.5	1	03/17/21 16:07	03/17/21 19:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.7	2.9	1	03/17/21 16:07	03/17/21 19:04	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_0.5-1.0_20210315 **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	8.7	2.2	1	03/17/21 16:07	03/17/21 19:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.7	4.8	1	03/17/21 16:07	03/17/21 19:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.7	4.4	1	03/17/21 16:07	03/17/21 19:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.7	2.4	1	03/17/21 16:07	03/17/21 19:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	2.9	1	03/17/21 16:07	03/17/21 19:04	108-67-8	
Vinyl acetate	ND	ug/kg	87.2	6.3	1	03/17/21 16:07	03/17/21 19:04	108-05-4	
Vinyl chloride	ND	ug/kg	17.4	4.4	1	03/17/21 16:07	03/17/21 19:04	75-01-4	
Xylene (Total)	**11.4J**	ug/kg	17.4	5.0	1	03/17/21 16:07	03/17/21 19:04	1330-20-7	
m&p-Xylene	**11.4J**	ug/kg	17.4	6.0	1	03/17/21 16:07	03/17/21 19:04	179601-23-1	
o-Xylene	ND	ug/kg	8.7	3.9	1	03/17/21 16:07	03/17/21 19:04	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/17/21 16:07	03/17/21 19:04	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/17/21 16:07	03/17/21 19:04	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 19:04	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**20.1**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_5.5-6.0_20210315 **Lab ID: 92528011010** Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	83-32-9	
Acenaphthylene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	208-96-8	
Aniline	ND	ug/kg	423	165	1	03/17/21 16:29	03/18/21 14:51	62-53-3	
Anthracene	ND	ug/kg	423	138	1	03/17/21 16:29	03/18/21 14:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	423	141	1	03/17/21 16:29	03/18/21 14:51	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	423	141	1	03/17/21 16:29	03/18/21 14:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	423	164	1	03/17/21 16:29	03/18/21 14:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	207-08-9	
Benzoic Acid	ND	ug/kg	2120	909	1	03/17/21 16:29	03/18/21 14:51	65-85-0	
Benzyl alcohol	ND	ug/kg	846	321	1	03/17/21 16:29	03/18/21 14:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	423	163	1	03/17/21 16:29	03/18/21 14:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	423	178	1	03/17/21 16:29	03/18/21 14:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	846	297	1	03/17/21 16:29	03/18/21 14:51	59-50-7	
4-Chloroaniline	ND	ug/kg	846	332	1	03/17/21 16:29	03/18/21 14:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	423	176	1	03/17/21 16:29	03/18/21 14:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	423	159	1	03/17/21 16:29	03/18/21 14:51	111-44-4	
2-Chloronaphthalene	ND	ug/kg	423	168	1	03/17/21 16:29	03/18/21 14:51	91-58-7	
2-Chlorophenol	ND	ug/kg	423	159	1	03/17/21 16:29	03/18/21 14:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	423	158	1	03/17/21 16:29	03/18/21 14:51	7005-72-3	
Chrysene	ND	ug/kg	423	154	1	03/17/21 16:29	03/18/21 14:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	423	163	1	03/17/21 16:29	03/18/21 14:51	53-70-3	
Dibenzofuran	ND	ug/kg	423	153	1	03/17/21 16:29	03/18/21 14:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	846	286	1	03/17/21 16:29	03/18/21 14:51	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	423	165	1	03/17/21 16:29	03/18/21 14:51	120-83-2	
Diethylphthalate	ND	ug/kg	423	155	1	03/17/21 16:29	03/18/21 14:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	423	176	1	03/17/21 16:29	03/18/21 14:51	105-67-9	
Dimethylphthalate	ND	ug/kg	423	154	1	03/17/21 16:29	03/18/21 14:51	131-11-3	
Di-n-butylphthalate	ND	ug/kg	423	142	1	03/17/21 16:29	03/18/21 14:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	846	395	1	03/17/21 16:29	03/18/21 14:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2120	1310	1	03/17/21 16:29	03/18/21 14:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	423	163	1	03/17/21 16:29	03/18/21 14:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	423	155	1	03/17/21 16:29	03/18/21 14:51	606-20-2	
Di-n-octylphthalate	ND	ug/kg	423	167	1	03/17/21 16:29	03/18/21 14:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	423	164	1	03/17/21 16:29	03/18/21 14:51	117-81-7	
Fluoranthene	ND	ug/kg	423	145	1	03/17/21 16:29	03/18/21 14:51	206-44-0	
Fluorene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	86-73-7	
Hexachlorobenzene	ND	ug/kg	423	165	1	03/17/21 16:29	03/18/21 14:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	423	242	1	03/17/21 16:29	03/18/21 14:51	77-47-4	
Hexachloroethane	ND	ug/kg	423	162	1	03/17/21 16:29	03/18/21 14:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	423	167	1	03/17/21 16:29	03/18/21 14:51	193-39-5	
Isophorone	ND	ug/kg	423	188	1	03/17/21 16:29	03/18/21 14:51	78-59-1	
1-Methylnaphthalene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	90-12-0	
2-Methylnaphthalene	ND	ug/kg	423	169	1	03/17/21 16:29	03/18/21 14:51	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_5.5-6.0_20210315 **Lab ID: 92528011010** Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	423	173	1	03/17/21 16:29	03/18/21 14:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	423	171	1	03/17/21 16:29	03/18/21 14:51	15831-10-4	
2-Nitroaniline	ND	ug/kg	2120	346	1	03/17/21 16:29	03/18/21 14:51	88-74-4	
3-Nitroaniline	ND	ug/kg	2120	332	1	03/17/21 16:29	03/18/21 14:51	99-09-2	
4-Nitroaniline	ND	ug/kg	846	322	1	03/17/21 16:29	03/18/21 14:51	100-01-6	
Nitrobenzene	ND	ug/kg	423	196	1	03/17/21 16:29	03/18/21 14:51	98-95-3	
2-Nitrophenol	ND	ug/kg	423	183	1	03/17/21 16:29	03/18/21 14:51	88-75-5	
4-Nitrophenol	ND	ug/kg	2120	818	1	03/17/21 16:29	03/18/21 14:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	423	142	1	03/17/21 16:29	03/18/21 14:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	423	159	1	03/17/21 16:29	03/18/21 14:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	423	150	1	03/17/21 16:29	03/18/21 14:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	423	201	1	03/17/21 16:29	03/18/21 14:51	108-60-1	
Pentachlorophenol	ND	ug/kg	846	414	1	03/17/21 16:29	03/18/21 14:51	87-86-5	
Phenanthrene	ND	ug/kg	423	138	1	03/17/21 16:29	03/18/21 14:51	85-01-8	
Phenol	ND	ug/kg	423	188	1	03/17/21 16:29	03/18/21 14:51	108-95-2	
Pyrene	ND	ug/kg	423	172	1	03/17/21 16:29	03/18/21 14:51	129-00-0	
Pyridine	ND	ug/kg	423	133	1	03/17/21 16:29	03/18/21 14:51	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	423	194	1	03/17/21 16:29	03/18/21 14:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	423	174	1	03/17/21 16:29	03/18/21 14:51	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	21-130		1	03/17/21 16:29	03/18/21 14:51	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	03/17/21 16:29	03/18/21 14:51	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	03/17/21 16:29	03/18/21 14:51	1718-51-0	
Phenol-d6 (S)	63	%	18-130		1	03/17/21 16:29	03/18/21 14:51	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/17/21 16:29	03/18/21 14:51	367-12-4	
2,4,6-Tribromophenol (S)	66	%	18-130		1	03/17/21 16:29	03/18/21 14:51	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	129	41.3	1	03/17/21 16:07	03/17/21 19:22	67-64-1	
Benzene	ND	ug/kg	6.4	2.6	1	03/17/21 16:07	03/17/21 19:22	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.1	1	03/17/21 16:07	03/17/21 19:22	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	1.9	1	03/17/21 16:07	03/17/21 19:22	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.5	1	03/17/21 16:07	03/17/21 19:22	75-27-4	
Bromoform	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	75-25-2	
Bromomethane	ND	ug/kg	12.9	10.2	1	03/17/21 16:07	03/17/21 19:22	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	129	30.9	1	03/17/21 16:07	03/17/21 19:22	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	3.0	1	03/17/21 16:07	03/17/21 19:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.8	1	03/17/21 16:07	03/17/21 19:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.4	2.4	1	03/17/21 16:07	03/17/21 19:22	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1.2	1	03/17/21 16:07	03/17/21 19:22	108-90-7	
Chloroethane	ND	ug/kg	12.9	5.0	1	03/17/21 16:07	03/17/21 19:22	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_5.5-6.0_20210315 **Lab ID: 92528011010** Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	6.4	3.9	1	03/17/21 16:07	03/17/21 19:22	67-66-3	
Chloromethane	ND	ug/kg	12.9	5.4	1	03/17/21 16:07	03/17/21 19:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	1.1	1	03/17/21 16:07	03/17/21 19:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	2.5	1	03/17/21 16:07	03/17/21 19:22	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	3.6	1	03/17/21 16:07	03/17/21 19:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.8	1	03/17/21 16:07	03/17/21 19:22	106-93-4	
Dibromomethane	ND	ug/kg	6.4	1.4	1	03/17/21 16:07	03/17/21 19:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	2.0	1	03/17/21 16:07	03/17/21 19:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.9	2.8	1	03/17/21 16:07	03/17/21 19:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	2.7	1	03/17/21 16:07	03/17/21 19:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	4.3	1	03/17/21 16:07	03/17/21 19:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	2.7	1	03/17/21 16:07	03/17/21 19:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1.9	1	03/17/21 16:07	03/17/21 19:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.0	1	03/17/21 16:07	03/17/21 19:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.1	1	03/17/21 16:07	03/17/21 19:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	3.1	1	03/17/21 16:07	03/17/21 19:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1.8	1	03/17/21 16:07	03/17/21 19:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	3.0	1	03/17/21 16:07	03/17/21 19:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.9	10.5	1	03/17/21 16:07	03/17/21 19:22	87-68-3	IK
2-Hexanone	ND	ug/kg	64.4	6.2	1	03/17/21 16:07	03/17/21 19:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	3.2	1	03/17/21 16:07	03/17/21 19:22	99-87-6	
Methylene Chloride	ND	ug/kg	25.7	17.6	1	03/17/21 16:07	03/17/21 19:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.4	6.2	1	03/17/21 16:07	03/17/21 19:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	2.4	1	03/17/21 16:07	03/17/21 19:22	1634-04-4	
Naphthalene	ND	ug/kg	6.4	3.4	1	03/17/21 16:07	03/17/21 19:22	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	103-65-1	
Styrene	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.5	1	03/17/21 16:07	03/17/21 19:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	2.0	1	03/17/21 16:07	03/17/21 19:22	127-18-4	
Toluene	**5.0J**	ug/kg	6.4	1.8	1	03/17/21 16:07	03/17/21 19:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	5.2	1	03/17/21 16:07	03/17/21 19:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	5.4	1	03/17/21 16:07	03/17/21 19:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	3.3	1	03/17/21 16:07	03/17/21 19:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.1	1	03/17/21 16:07	03/17/21 19:22	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17_SO_5.5-6.0_20210315 **Lab ID: 92528011010** Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	3.5	1	03/17/21 16:07	03/17/21 19:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	3.3	1	03/17/21 16:07	03/17/21 19:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.8	1	03/17/21 16:07	03/17/21 19:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	108-67-8	
Vinyl acetate	ND	ug/kg	64.4	4.7	1	03/17/21 16:07	03/17/21 19:22	108-05-4	
Vinyl chloride	ND	ug/kg	12.9	3.3	1	03/17/21 16:07	03/17/21 19:22	75-01-4	
Xylene (Total)	ND	ug/kg	12.9	3.7	1	03/17/21 16:07	03/17/21 19:22	1330-20-7	
m&p-Xylene	ND	ug/kg	12.9	4.4	1	03/17/21 16:07	03/17/21 19:22	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.8	1	03/17/21 16:07	03/17/21 19:22	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/17/21 16:07	03/17/21 19:22	2037-26-5	
4-Bromofluorobenzene (S)	92	%	69-134		1	03/17/21 16:07	03/17/21 19:22	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 19:22	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**21.7**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_0.5-1.0_20210315 **Lab ID: 92528011011** Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	83-32-9	
Acenaphthylene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	208-96-8	
Aniline	ND	ug/kg	411	161	1	03/17/21 16:29	03/18/21 15:22	62-53-3	
Anthracene	ND	ug/kg	411	134	1	03/17/21 16:29	03/18/21 15:22	120-12-7	
Benzo(a)anthracene	ND	ug/kg	411	137	1	03/17/21 16:29	03/18/21 15:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	411	137	1	03/17/21 16:29	03/18/21 15:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	411	159	1	03/17/21 16:29	03/18/21 15:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	207-08-9	
Benzoic Acid	ND	ug/kg	2050	882	1	03/17/21 16:29	03/18/21 15:22	65-85-0	
Benzyl alcohol	ND	ug/kg	821	311	1	03/17/21 16:29	03/18/21 15:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	411	158	1	03/17/21 16:29	03/18/21 15:22	101-55-3	
Butylbenzylphthalate	ND	ug/kg	411	173	1	03/17/21 16:29	03/18/21 15:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	821	289	1	03/17/21 16:29	03/18/21 15:22	59-50-7	
4-Chloroaniline	ND	ug/kg	821	322	1	03/17/21 16:29	03/18/21 15:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	411	170	1	03/17/21 16:29	03/18/21 15:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	411	154	1	03/17/21 16:29	03/18/21 15:22	111-44-4	
2-Chloronaphthalene	ND	ug/kg	411	163	1	03/17/21 16:29	03/18/21 15:22	91-58-7	
2-Chlorophenol	ND	ug/kg	411	154	1	03/17/21 16:29	03/18/21 15:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	411	153	1	03/17/21 16:29	03/18/21 15:22	7005-72-3	
Chrysene	ND	ug/kg	411	149	1	03/17/21 16:29	03/18/21 15:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	411	158	1	03/17/21 16:29	03/18/21 15:22	53-70-3	
Dibenzofuran	ND	ug/kg	411	148	1	03/17/21 16:29	03/18/21 15:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	821	277	1	03/17/21 16:29	03/18/21 15:22	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	411	161	1	03/17/21 16:29	03/18/21 15:22	120-83-2	
Diethylphthalate	ND	ug/kg	411	151	1	03/17/21 16:29	03/18/21 15:22	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	411	170	1	03/17/21 16:29	03/18/21 15:22	105-67-9	
Dimethylphthalate	ND	ug/kg	411	149	1	03/17/21 16:29	03/18/21 15:22	131-11-3	
Di-n-butylphthalate	ND	ug/kg	411	138	1	03/17/21 16:29	03/18/21 15:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	821	383	1	03/17/21 16:29	03/18/21 15:22	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1270	1	03/17/21 16:29	03/18/21 15:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	411	158	1	03/17/21 16:29	03/18/21 15:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	411	151	1	03/17/21 16:29	03/18/21 15:22	606-20-2	
Di-n-octylphthalate	ND	ug/kg	411	162	1	03/17/21 16:29	03/18/21 15:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	411	159	1	03/17/21 16:29	03/18/21 15:22	117-81-7	
Fluoranthene	ND	ug/kg	411	141	1	03/17/21 16:29	03/18/21 15:22	206-44-0	
Fluorene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	86-73-7	
Hexachlorobenzene	ND	ug/kg	411	161	1	03/17/21 16:29	03/18/21 15:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	411	235	1	03/17/21 16:29	03/18/21 15:22	77-47-4	
Hexachloroethane	ND	ug/kg	411	157	1	03/17/21 16:29	03/18/21 15:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	411	162	1	03/17/21 16:29	03/18/21 15:22	193-39-5	
Isophorone	ND	ug/kg	411	183	1	03/17/21 16:29	03/18/21 15:22	78-59-1	
1-Methylnaphthalene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	90-12-0	
2-Methylnaphthalene	ND	ug/kg	411	164	1	03/17/21 16:29	03/18/21 15:22	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_0.5-1.0_20210315 **Lab ID: 92528011011** Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546								
	Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	411	168	1	03/17/21 16:29	03/18/21 15:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	411	165	1	03/17/21 16:29	03/18/21 15:22	15831-10-4	
2-Nitroaniline	ND	ug/kg	2050	336	1	03/17/21 16:29	03/18/21 15:22	88-74-4	
3-Nitroaniline	ND	ug/kg	2050	322	1	03/17/21 16:29	03/18/21 15:22	99-09-2	
4-Nitroaniline	ND	ug/kg	821	312	1	03/17/21 16:29	03/18/21 15:22	100-01-6	
Nitrobenzene	ND	ug/kg	411	190	1	03/17/21 16:29	03/18/21 15:22	98-95-3	
2-Nitrophenol	ND	ug/kg	411	178	1	03/17/21 16:29	03/18/21 15:22	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	794	1	03/17/21 16:29	03/18/21 15:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	411	138	1	03/17/21 16:29	03/18/21 15:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	411	154	1	03/17/21 16:29	03/18/21 15:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	411	146	1	03/17/21 16:29	03/18/21 15:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	411	195	1	03/17/21 16:29	03/18/21 15:22	108-60-1	
Pentachlorophenol	ND	ug/kg	821	402	1	03/17/21 16:29	03/18/21 15:22	87-86-5	
Phenanthrene	ND	ug/kg	411	134	1	03/17/21 16:29	03/18/21 15:22	85-01-8	
Phenol	ND	ug/kg	411	183	1	03/17/21 16:29	03/18/21 15:22	108-95-2	
Pyrene	ND	ug/kg	411	167	1	03/17/21 16:29	03/18/21 15:22	129-00-0	
Pyridine	ND	ug/kg	411	129	1	03/17/21 16:29	03/18/21 15:22	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	411	188	1	03/17/21 16:29	03/18/21 15:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	411	169	1	03/17/21 16:29	03/18/21 15:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	03/17/21 16:29	03/18/21 15:22	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	03/17/21 16:29	03/18/21 15:22	321-60-8	
Terphenyl-d14 (S)	64	%	15-130		1	03/17/21 16:29	03/18/21 15:22	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	03/17/21 16:29	03/18/21 15:22	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	03/17/21 16:29	03/18/21 15:22	367-12-4	
2,4,6-Tribromophenol (S)	49	%	18-130		1	03/17/21 16:29	03/18/21 15:22	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	148	47.6	1	03/17/21 16:07	03/17/21 19:40	67-64-1	
Benzene	ND	ug/kg	7.4	3.0	1	03/17/21 16:07	03/17/21 19:40	71-43-2	
Bromobenzene	ND	ug/kg	7.4	2.4	1	03/17/21 16:07	03/17/21 19:40	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	2.2	1	03/17/21 16:07	03/17/21 19:40	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	2.9	1	03/17/21 16:07	03/17/21 19:40	75-27-4	
Bromoform	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	75-25-2	
Bromomethane	ND	ug/kg	14.8	11.7	1	03/17/21 16:07	03/17/21 19:40	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	148	35.6	1	03/17/21 16:07	03/17/21 19:40	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	3.5	1	03/17/21 16:07	03/17/21 19:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	3.3	1	03/17/21 16:07	03/17/21 19:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	7.4	2.8	1	03/17/21 16:07	03/17/21 19:40	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1.4	1	03/17/21 16:07	03/17/21 19:40	108-90-7	
Chloroethane	ND	ug/kg	14.8	5.7	1	03/17/21 16:07	03/17/21 19:40	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_0.5-1.0_20210315 **Lab ID: 92528011011** Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	7.4	4.5	1	03/17/21 16:07	03/17/21 19:40	67-66-3	
Chloromethane	ND	ug/kg	14.8	6.2	1	03/17/21 16:07	03/17/21 19:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1.3	1	03/17/21 16:07	03/17/21 19:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	2.9	1	03/17/21 16:07	03/17/21 19:40	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	4.2	1	03/17/21 16:07	03/17/21 19:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	3.3	1	03/17/21 16:07	03/17/21 19:40	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1.6	1	03/17/21 16:07	03/17/21 19:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	2.7	1	03/17/21 16:07	03/17/21 19:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	2.3	1	03/17/21 16:07	03/17/21 19:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1.9	1	03/17/21 16:07	03/17/21 19:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.8	3.2	1	03/17/21 16:07	03/17/21 19:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	3.1	1	03/17/21 16:07	03/17/21 19:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	4.9	1	03/17/21 16:07	03/17/21 19:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	3.1	1	03/17/21 16:07	03/17/21 19:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	2.2	1	03/17/21 16:07	03/17/21 19:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	2.3	1	03/17/21 16:07	03/17/21 19:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	2.4	1	03/17/21 16:07	03/17/21 19:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	3.6	1	03/17/21 16:07	03/17/21 19:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	3.5	1	03/17/21 16:07	03/17/21 19:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.8	12.1	1	03/17/21 16:07	03/17/21 19:40	87-68-3	IK
2-Hexanone	ND	ug/kg	74.1	7.1	1	03/17/21 16:07	03/17/21 19:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	3.6	1	03/17/21 16:07	03/17/21 19:40	99-87-6	
Methylene Chloride	ND	ug/kg	29.7	20.3	1	03/17/21 16:07	03/17/21 19:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	74.1	7.1	1	03/17/21 16:07	03/17/21 19:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	2.8	1	03/17/21 16:07	03/17/21 19:40	1634-04-4	
Naphthalene	ND	ug/kg	7.4	3.9	1	03/17/21 16:07	03/17/21 19:40	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	103-65-1	
Styrene	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	2.8	1	03/17/21 16:07	03/17/21 19:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	2.3	1	03/17/21 16:07	03/17/21 19:40	127-18-4	
Toluene	ND	ug/kg	7.4	2.1	1	03/17/21 16:07	03/17/21 19:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	6.0	1	03/17/21 16:07	03/17/21 19:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	6.2	1	03/17/21 16:07	03/17/21 19:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	3.9	1	03/17/21 16:07	03/17/21 19:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_0.5-1.0_20210315 **Lab ID: 92528011011** Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	7.4	1.9	1	03/17/21 16:07	03/17/21 19:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	4.1	1	03/17/21 16:07	03/17/21 19:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	3.8	1	03/17/21 16:07	03/17/21 19:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	108-67-8	
Vinyl acetate	ND	ug/kg	74.1	5.4	1	03/17/21 16:07	03/17/21 19:40	108-05-4	
Vinyl chloride	ND	ug/kg	14.8	3.8	1	03/17/21 16:07	03/17/21 19:40	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	4.2	1	03/17/21 16:07	03/17/21 19:40	1330-20-7	
m&p-Xylene	ND	ug/kg	14.8	5.1	1	03/17/21 16:07	03/17/21 19:40	179601-23-1	
o-Xylene	ND	ug/kg	7.4	3.3	1	03/17/21 16:07	03/17/21 19:40	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/17/21 16:07	03/17/21 19:40	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/17/21 16:07	03/17/21 19:40	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/17/21 16:07	03/17/21 19:40	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**20.4**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_5.5-6.0_20210315 **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	83-32-9	
Acenaphthylene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	208-96-8	
Aniline	ND	ug/kg	429	168	1	03/17/21 16:29	03/18/21 15:53	62-53-3	
Anthracene	ND	ug/kg	429	140	1	03/17/21 16:29	03/18/21 15:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	429	143	1	03/17/21 16:29	03/18/21 15:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	429	143	1	03/17/21 16:29	03/18/21 15:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	429	166	1	03/17/21 16:29	03/18/21 15:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	207-08-9	
Benzoic Acid	ND	ug/kg	2140	921	1	03/17/21 16:29	03/18/21 15:53	65-85-0	
Benzyl alcohol	ND	ug/kg	858	325	1	03/17/21 16:29	03/18/21 15:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	429	165	1	03/17/21 16:29	03/18/21 15:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	429	181	1	03/17/21 16:29	03/18/21 15:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	858	302	1	03/17/21 16:29	03/18/21 15:53	59-50-7	
4-Chloroaniline	ND	ug/kg	858	337	1	03/17/21 16:29	03/18/21 15:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	429	178	1	03/17/21 16:29	03/18/21 15:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	429	161	1	03/17/21 16:29	03/18/21 15:53	111-44-4	
2-Chloronaphthalene	ND	ug/kg	429	170	1	03/17/21 16:29	03/18/21 15:53	91-58-7	
2-Chlorophenol	ND	ug/kg	429	161	1	03/17/21 16:29	03/18/21 15:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	429	160	1	03/17/21 16:29	03/18/21 15:53	7005-72-3	
Chrysene	ND	ug/kg	429	156	1	03/17/21 16:29	03/18/21 15:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	429	165	1	03/17/21 16:29	03/18/21 15:53	53-70-3	
Dibenzofuran	ND	ug/kg	429	155	1	03/17/21 16:29	03/18/21 15:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	858	290	1	03/17/21 16:29	03/18/21 15:53	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	429	168	1	03/17/21 16:29	03/18/21 15:53	120-83-2	
Diethylphthalate	ND	ug/kg	429	157	1	03/17/21 16:29	03/18/21 15:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	429	178	1	03/17/21 16:29	03/18/21 15:53	105-67-9	
Dimethylphthalate	ND	ug/kg	429	156	1	03/17/21 16:29	03/18/21 15:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	429	144	1	03/17/21 16:29	03/18/21 15:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	858	400	1	03/17/21 16:29	03/18/21 15:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2140	1330	1	03/17/21 16:29	03/18/21 15:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	429	165	1	03/17/21 16:29	03/18/21 15:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	429	157	1	03/17/21 16:29	03/18/21 15:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	429	169	1	03/17/21 16:29	03/18/21 15:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	429	166	1	03/17/21 16:29	03/18/21 15:53	117-81-7	
Fluoranthene	ND	ug/kg	429	147	1	03/17/21 16:29	03/18/21 15:53	206-44-0	
Fluorene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	86-73-7	
Hexachlorobenzene	ND	ug/kg	429	168	1	03/17/21 16:29	03/18/21 15:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	429	246	1	03/17/21 16:29	03/18/21 15:53	77-47-4	
Hexachloroethane	ND	ug/kg	429	164	1	03/17/21 16:29	03/18/21 15:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	429	169	1	03/17/21 16:29	03/18/21 15:53	193-39-5	
Isophorone	ND	ug/kg	429	191	1	03/17/21 16:29	03/18/21 15:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	429	172	1	03/17/21 16:29	03/18/21 15:53	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_5.5-6.0_20210315 **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546								
	Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	429	175	1	03/17/21 16:29	03/18/21 15:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	429	173	1	03/17/21 16:29	03/18/21 15:53	15831-10-4	
2-Nitroaniline	ND	ug/kg	2140	351	1	03/17/21 16:29	03/18/21 15:53	88-74-4	
3-Nitroaniline	ND	ug/kg	2140	337	1	03/17/21 16:29	03/18/21 15:53	99-09-2	
4-Nitroaniline	ND	ug/kg	858	326	1	03/17/21 16:29	03/18/21 15:53	100-01-6	
Nitrobenzene	ND	ug/kg	429	199	1	03/17/21 16:29	03/18/21 15:53	98-95-3	
2-Nitrophenol	ND	ug/kg	429	186	1	03/17/21 16:29	03/18/21 15:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2140	829	1	03/17/21 16:29	03/18/21 15:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	429	144	1	03/17/21 16:29	03/18/21 15:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	429	161	1	03/17/21 16:29	03/18/21 15:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	429	152	1	03/17/21 16:29	03/18/21 15:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	429	204	1	03/17/21 16:29	03/18/21 15:53	108-60-1	
Pentachlorophenol	ND	ug/kg	858	420	1	03/17/21 16:29	03/18/21 15:53	87-86-5	
Phenanthrene	ND	ug/kg	429	140	1	03/17/21 16:29	03/18/21 15:53	85-01-8	
Phenol	ND	ug/kg	429	191	1	03/17/21 16:29	03/18/21 15:53	108-95-2	
Pyrene	ND	ug/kg	429	174	1	03/17/21 16:29	03/18/21 15:53	129-00-0	
Pyridine	ND	ug/kg	429	135	1	03/17/21 16:29	03/18/21 15:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	429	196	1	03/17/21 16:29	03/18/21 15:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	429	177	1	03/17/21 16:29	03/18/21 15:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	03/17/21 16:29	03/18/21 15:53	4165-60-0	
2-Fluorobiphenyl (S)	45	%	19-130		1	03/17/21 16:29	03/18/21 15:53	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	03/17/21 16:29	03/18/21 15:53	1718-51-0	
Phenol-d6 (S)	68	%	18-130		1	03/17/21 16:29	03/18/21 15:53	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		1	03/17/21 16:29	03/18/21 15:53	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	03/17/21 16:29	03/18/21 15:53	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	183	58.6	1	03/17/21 16:07	03/17/21 19:57	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	03/17/21 16:07	03/17/21 19:57	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	03/17/21 16:07	03/17/21 19:57	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	03/17/21 16:07	03/17/21 19:57	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	03/17/21 16:07	03/17/21 19:57	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	03/17/21 16:07	03/17/21 19:57	75-25-2	
Bromomethane	ND	ug/kg	18.3	14.4	1	03/17/21 16:07	03/17/21 19:57	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	183	43.8	1	03/17/21 16:07	03/17/21 19:57	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	03/17/21 16:07	03/17/21 19:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	03/17/21 16:07	03/17/21 19:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.3	1	03/17/21 16:07	03/17/21 19:57	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	03/17/21 16:07	03/17/21 19:57	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.8	1	03/17/21 16:07	03/17/21 19:57	108-90-7	
Chloroethane	ND	ug/kg	18.3	7.0	1	03/17/21 16:07	03/17/21 19:57	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_5.5-6.0_20210315 **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	9.1	5.6	1	03/17/21 16:07	03/17/21 19:57	67-66-3	
Chloromethane	ND	ug/kg	18.3	7.7	1	03/17/21 16:07	03/17/21 19:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	03/17/21 16:07	03/17/21 19:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	03/17/21 16:07	03/17/21 19:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	03/17/21 16:07	03/17/21 19:57	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	03/17/21 16:07	03/17/21 19:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	03/17/21 16:07	03/17/21 19:57	106-93-4	
Dibromomethane	ND	ug/kg	9.1	2.0	1	03/17/21 16:07	03/17/21 19:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	03/17/21 16:07	03/17/21 19:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	03/17/21 16:07	03/17/21 19:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.3	4.0	1	03/17/21 16:07	03/17/21 19:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.8	1	03/17/21 16:07	03/17/21 19:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	03/17/21 16:07	03/17/21 19:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.8	1	03/17/21 16:07	03/17/21 19:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	03/17/21 16:07	03/17/21 19:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	03/17/21 16:07	03/17/21 19:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	03/17/21 16:07	03/17/21 19:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	03/17/21 16:07	03/17/21 19:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	03/17/21 16:07	03/17/21 19:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	03/17/21 16:07	03/17/21 19:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	03/17/21 16:07	03/17/21 19:57	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.3	1	03/17/21 16:07	03/17/21 19:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.3	14.9	1	03/17/21 16:07	03/17/21 19:57	87-68-3	IK
2-Hexanone	ND	ug/kg	91.3	8.8	1	03/17/21 16:07	03/17/21 19:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	03/17/21 16:07	03/17/21 19:57	99-87-6	
Methylene Chloride	ND	ug/kg	36.5	25.0	1	03/17/21 16:07	03/17/21 19:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.3	8.8	1	03/17/21 16:07	03/17/21 19:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	03/17/21 16:07	03/17/21 19:57	1634-04-4	
Naphthalene	ND	ug/kg	9.1	4.8	1	03/17/21 16:07	03/17/21 19:57	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.3	1	03/17/21 16:07	03/17/21 19:57	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	03/17/21 16:07	03/17/21 19:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	03/17/21 16:07	03/17/21 19:57	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	03/17/21 16:07	03/17/21 19:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	03/17/21 16:07	03/17/21 19:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.7	1	03/17/21 16:07	03/17/21 19:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	03/17/21 16:07	03/17/21 19:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	03/17/21 16:07	03/17/21 19:57	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18_SO_5.5-6.0_20210315 **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	03/17/21 16:07	03/17/21 19:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	03/17/21 16:07	03/17/21 19:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	03/17/21 16:07	03/17/21 19:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	108-67-8	
Vinyl acetate	ND	ug/kg	91.3	6.6	1	03/17/21 16:07	03/17/21 19:57	108-05-4	
Vinyl chloride	ND	ug/kg	18.3	4.6	1	03/17/21 16:07	03/17/21 19:57	75-01-4	
Xylene (Total)	ND	ug/kg	18.3	5.2	1	03/17/21 16:07	03/17/21 19:57	1330-20-7	
m&p-Xylene	ND	ug/kg	18.3	6.2	1	03/17/21 16:07	03/17/21 19:57	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	03/17/21 16:07	03/17/21 19:57	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/17/21 16:07	03/17/21 19:57	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 19:57	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/17/21 16:07	03/17/21 19:57	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**22.5**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-21_SO_0.5-1.0_20210315 **Lab ID: 92528011013** Collected: 03/15/21 15:05 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**13.5**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-21_SO_5.5-6.0_20210315 **Lab ID: 92528011014** Collected: 03/15/21 15:10 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**34.0**	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-22_SO_0.5-1.0_20210315 **Lab ID: 92528011015** Collected: 03/15/21 15:25 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**13.4**	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-22_SO_5.5-6.0_20210315 **Lab ID: 92528011016** Collected: 03/15/21 15:30 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**40.6**	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-23_SO_0.5-1.0_20210315 **Lab ID: 92528011017** Collected: 03/15/21 15:35 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**14.7**	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-23_SO_5.5-6.0_20210315 **Lab ID: 92528011018** Collected: 03/15/21 15:40 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**20.4**	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-24_SO_0.5-1.0_20210315 **Lab ID: 92528011019** Collected: 03/15/21 15:55 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**14.7**	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-24_SO_5.5-6.0_20210315 **Lab ID: 92528011020** Collected: 03/15/21 16:00 Received: 03/16/21 11:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**33.1**	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: TRIP BLANK **Lab ID: 92528011021** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:44	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 15:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:44	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: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: TRIP BLANK **Lab ID: 92528011021** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:44	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 15:44	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/18/21 15:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 15:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607594
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011021

METHOD BLANK: 3200736 Matrix: Water
Associated Lab Samples: 92528011021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 15:08	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 15:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 15:08	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 15:08	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 15:08	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 15:08	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 15:08	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 15:08	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 15:08	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 15:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 15:08	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 15:08	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 15:08	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 15:08	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 15:08	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 15:08	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 15:08	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 15:08	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 15:08	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 15:08	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 15:08	
Acetone	ug/L	ND	25.0	5.1	03/18/21 15:08	
Benzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 15:08	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 15:08	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 15:08	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 15:08	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 15:08	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 15:08	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 15:08	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 15:08	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 15:08	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 15:08	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 15:08	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 15:08	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 15:08	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 15:08	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

METHOD BLANK: 3200736 Matrix: Water
Associated Lab Samples: 92528011021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 15:08	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 15:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 15:08	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 15:08	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 15:08	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 15:08	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 15:08	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 15:08	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 15:08	
Styrene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Toluene	ug/L	ND	1.0	0.48	03/18/21 15:08	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 15:08	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 15:08	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 15:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 15:08	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 15:08	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 15:08	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/18/21 15:08	
4-Bromofluorobenzene (S)	%	98	70-130		03/18/21 15:08	
Toluene-d8 (S)	%	100	70-130		03/18/21 15:08	

LABORATORY CONTROL SAMPLE: 3200737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	70-130	
1,1,1-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,2-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethene	ug/L	50	50.4	101	70-130	
1,1-Dichloropropene	ug/L	50	50.8	102	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	70-130	
1,2,3-Trichloropropane	ug/L	50	48.7	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-130	
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,3-Dichloropropane	ug/L	50	49.9	100	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
2,2-Dichloropropane	ug/L	50	50.9	102	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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3200737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	97.1	97	70-130	
2-Chlorotoluene	ug/L	50	50.2	100	70-130	
2-Hexanone	ug/L	100	97.0	97	70-130	
4-Chlorotoluene	ug/L	50	50.2	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.1	97	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	49.7	99	70-130	
Bromobenzene	ug/L	50	49.8	100	70-130	
Bromochloromethane	ug/L	50	51.5	103	70-130	
Bromodichloromethane	ug/L	50	45.8	92	70-130	
Bromoform	ug/L	50	51.3	103	70-130	
Bromomethane	ug/L	50	50.5	101	70-130	
Carbon tetrachloride	ug/L	50	49.7	99	70-130	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	46.5	93	70-130	
Chloroform	ug/L	50	50.7	101	70-130	
Chloromethane	ug/L	50	43.9	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Dibromochloromethane	ug/L	50	51.2	102	70-130	
Dibromomethane	ug/L	50	51.3	103	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	48.0	96	70-130	
Ethylbenzene	ug/L	50	49.8	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	98.9	99	70-130	
Methyl-tert-butyl ether	ug/L	50	49.7	99	70-130	
Methylene Chloride	ug/L	50	49.1	98	70-130	
Naphthalene	ug/L	50	50.1	100	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
p-Isopropyltoluene	ug/L	50	50.5	101	70-130	
Styrene	ug/L	50	51.1	102	70-130	
Tetrachloroethene	ug/L	50	49.8	100	70-130	
Toluene	ug/L	50	49.7	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	109	109	70-130	
Vinyl chloride	ug/L	50	47.5	95	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	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: BRAMLETTE J21030497
Pace Project No.: 92528011

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200738 3200739

Parameter	Units	92527568014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	10000	10000	10300	9810	103	98	73-134	5	30	
1,1,1-Trichloroethane	ug/L	ND	10000	10000	10500	10300	105	103	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	9890	9880	99	99	70-136	0	30	
1,1,2-Trichloroethane	ug/L	ND	10000	10000	10400	10300	104	103	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	10000	10000	10200	9930	102	99	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	10000	10000	10600	10300	106	103	70-154	3	30	
1,1-Dichloropropene	ug/L	ND	10000	10000	10500	10200	105	102	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	10800	10300	108	103	70-135	5	30	
1,2,3-Trichloropropane	ug/L	ND	10000	10000	10400	10300	104	103	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	10900	10500	109	105	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	10500	10600	105	106	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	10000	10000	10500	10100	105	101	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	10000	10000	10200	9840	102	98	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	10000	10000	10700	10400	107	104	70-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	10000	10000	10700	10500	107	105	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	10000	10000	10200	10200	102	102	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	10000	10000	10200	9780	102	98	70-133	4	30	
2,2-Dichloropropane	ug/L	ND	10000	10000	9050	9080	91	91	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	20000	20000	19800	20700	99	103	60-139	4	30	
2-Chlorotoluene	ug/L	ND	10000	10000	10700	10500	107	105	70-144	1	30	
2-Hexanone	ug/L	ND	20000	20000	20600	20100	103	101	65-138	2	30	
4-Chlorotoluene	ug/L	ND	10000	10000	10400	10100	104	101	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	20000	20300	20100	101	100	65-135	1	30	
Acetone	ug/L	ND	20000	20000	20800	20500	104	102	60-148	2	30	
Benzene	ug/L	ND	10000	10000	10500	10100	105	101	70-151	4	30	
Bromobenzene	ug/L	ND	10000	10000	10400	10100	104	101	70-136	4	30	
Bromochloromethane	ug/L	ND	10000	10000	9990	10000	100	100	70-141	1	30	
Bromodichloromethane	ug/L	ND	10000	10000	9490	9180	95	92	70-138	3	30	
Bromoform	ug/L	ND	10000	10000	10000	9650	100	96	63-130	4	30	
Bromomethane	ug/L	ND	10000	10000	11100	10000	111	100	15-152	10	30	
Carbon tetrachloride	ug/L	ND	10000	10000	10600	10300	106	103	70-143	4	30	
Chlorobenzene	ug/L	ND	10000	10000	10600	10100	106	101	70-138	4	30	
Chloroethane	ug/L	ND	10000	10000	10200	9970	102	100	52-163	3	30	
Chloroform	ug/L	ND	10000	10000	10100	9940	101	99	70-139	2	30	
Chloromethane	ug/L	ND	10000	10000	8160	8450	82	85	41-139	4	30	
cis-1,2-Dichloroethene	ug/L	4170	10000	10000	13900	14000	97	98	70-141	1	30	
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	9790	9850	98	98	70-137	1	30	
Dibromochloromethane	ug/L	ND	10000	10000	10300	9930	103	99	70-134	3	30	
Dibromomethane	ug/L	ND	10000	10000	10900	10700	109	107	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	10000	10000	8730	8550	87	86	47-155	2	30	
Diisopropyl ether	ug/L	ND	10000	10000	9670	9640	97	96	63-144	0	30	
Ethylbenzene	ug/L	ND	10000	10000	10400	10200	104	102	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	10500	10400	105	104	65-149	1	30	
m&p-Xylene	ug/L	ND	20000	20000	20800	20300	104	102	69-152	2	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: BRAMLETTE J21030497
Pace Project No.: 92528011

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200738 3200739

Parameter	Units	92527568014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	10000	10000	10000	9840	100	98	54-156	2	30	
Methylene Chloride	ug/L	ND	10000	10000	9700	9800	97	98	42-159	1	30	
Naphthalene	ug/L	ND	10000	10000	10900	10600	109	106	61-148	2	30	
o-Xylene	ug/L	ND	10000	10000	10300	9960	103	100	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	10000	10000	10500	10100	105	101	70-146	4	30	
Styrene	ug/L	ND	10000	10000	10500	10000	105	100	70-135	4	30	
Tetrachloroethene	ug/L	ND	10000	10000	10600	10600	106	106	59-143	0	30	
Toluene	ug/L	ND	10000	10000	10500	10300	105	103	59-148	2	30	
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	10500	10300	105	103	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	9890	9620	99	96	70-135	3	30	
Trichloroethene	ug/L	64700	10000	10000	74900	73300	101	86	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	10000	10000	10000	9940	100	99	70-148	1	30	
Vinyl acetate	ug/L	ND	20000	20000	21700	21300	108	106	49-151	2	30	
Vinyl chloride	ug/L	ND	10000	10000	9450	9560	94	96	70-156	1	30	
Xylene (Total)	ug/L	ND	30000	30000	31100	30300	104	101	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						96	99	70-130			
4-Bromofluorobenzene (S)	%						99	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: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607356 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

METHOD BLANK: 3199767 Matrix: Solid
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/17/21 17:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/17/21 17:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/17/21 17:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/17/21 17:01	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/17/21 17:01	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/17/21 17:01	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/17/21 17:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/17/21 17:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/17/21 17:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/17/21 17:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/17/21 17:01	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/17/21 17:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/17/21 17:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/17/21 17:01	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/17/21 17:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/17/21 17:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/17/21 17:01	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/17/21 17:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/17/21 17:01	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/17/21 17:01	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/17/21 17:01	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
2-Hexanone	ug/kg	ND	50.0	4.8	03/17/21 17:01	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/17/21 17:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/17/21 17:01	
Acetone	ug/kg	ND	100	32.1	03/17/21 17:01	
Benzene	ug/kg	ND	5.0	2.0	03/17/21 17:01	
Bromobenzene	ug/kg	ND	5.0	1.6	03/17/21 17:01	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/17/21 17:01	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/17/21 17:01	
Bromoform	ug/kg	ND	5.0	1.8	03/17/21 17:01	
Bromomethane	ug/kg	ND	10.0	7.9	03/17/21 17:01	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/17/21 17:01	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/17/21 17:01	
Chloroethane	ug/kg	ND	10.0	3.9	03/17/21 17:01	
Chloroform	ug/kg	ND	5.0	3.0	03/17/21 17:01	
Chloromethane	ug/kg	ND	10.0	4.2	03/17/21 17:01	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/17/21 17:01	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

METHOD BLANK: 3199767 Matrix: Solid

Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/17/21 17:01	
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/17/21 17:01	
Dibromomethane	ug/kg	ND	5.0	1.1	03/17/21 17:01	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/17/21 17:01	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/17/21 17:01	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/17/21 17:01	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/17/21 17:01	IK
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/17/21 17:01	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/17/21 17:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/17/21 17:01	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/17/21 17:01	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/17/21 17:01	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
Naphthalene	ug/kg	ND	5.0	2.6	03/17/21 17:01	
o-Xylene	ug/kg	ND	5.0	2.2	03/17/21 17:01	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/17/21 17:01	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/17/21 17:01	
Styrene	ug/kg	ND	5.0	1.3	03/17/21 17:01	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/17/21 17:01	v2
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/17/21 17:01	
Toluene	ug/kg	ND	5.0	1.4	03/17/21 17:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/17/21 17:01	
Trichloroethene	ug/kg	ND	5.0	1.3	03/17/21 17:01	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/17/21 17:01	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/17/21 17:01	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/17/21 17:01	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/17/21 17:01	
1,2-Dichloroethane-d4 (S)	%	112	70-130		03/17/21 17:01	
4-Bromofluorobenzene (S)	%	93	69-134		03/17/21 17:01	
Toluene-d8 (S)	%	101	70-130		03/17/21 17:01	

LABORATORY CONTROL SAMPLE: 3199768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1320	106	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1300	104	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1360	108	70-130	
1,1-Dichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1270	101	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1310	105	65-130	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1310	105	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1340	107	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1330	106	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1230	98	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1340	107	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1380	110	70-130	
1,2-Dichloroethane	ug/kg	1250	1160	93	63-130	
1,2-Dichloropropane	ug/kg	1250	1340	107	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1340	107	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1350	108	70-130	
1,3-Dichloropropane	ug/kg	1250	1360	109	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1310	105	70-130	
2,2-Dichloropropane	ug/kg	1250	1330	106	66-130	
2-Butanone (MEK)	ug/kg	2500	2260	90	70-130	
2-Chlorotoluene	ug/kg	1250	1340	107	70-130	
2-Hexanone	ug/kg	2500	2520	101	70-130	
4-Chlorotoluene	ug/kg	1250	1390	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2490	99	70-130	
Acetone	ug/kg	2500	2360	95	69-130	
Benzene	ug/kg	1250	1310	105	70-130	
Bromobenzene	ug/kg	1250	1300	104	70-130	
Bromochloromethane	ug/kg	1250	1340	107	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1390	111	70-130	
Bromomethane	ug/kg	1250	1810	145	52-130	IH,IK,L1,v1
Carbon tetrachloride	ug/kg	1250	1270	101	70-130	
Chlorobenzene	ug/kg	1250	1340	107	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1240	99	70-130	
Chloromethane	ug/kg	1250	1350	108	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1210	97	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1340	108	70-130	
Dibromochloromethane	ug/kg	1250	1390	111	70-130	
Dibromomethane	ug/kg	1250	1350	108	70-130	
Dichlorodifluoromethane	ug/kg	1250	1350	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1410	113	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1450	116	66-130	IK
Isopropylbenzene (Cumene)	ug/kg	1250	1370	110	70-130	
m&p-Xylene	ug/kg	2500	2690	107	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1190	95	70-130	
Methylene Chloride	ug/kg	1250	1260	101	65-130	
n-Butylbenzene	ug/kg	1250	1390	111	67-130	
n-Propylbenzene	ug/kg	1250	1420	113	70-130	
Naphthalene	ug/kg	1250	1250	100	70-130	
o-Xylene	ug/kg	1250	1380	111	70-130	
p-Isopropyltoluene	ug/kg	1250	1370	110	67-130	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1340	107	69-130	
Styrene	ug/kg	1250	1410	112	70-130	
tert-Butylbenzene	ug/kg	1250	982	79	67-130	v3
Tetrachloroethene	ug/kg	1250	1360	109	70-130	
Toluene	ug/kg	1250	1250	100	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1280	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1320	105	68-130	
Trichloroethene	ug/kg	1250	1330	106	70-130	
Trichlorofluoromethane	ug/kg	1250	1260	101	70-130	
Vinyl acetate	ug/kg	2500	2950	118	70-130	
Vinyl chloride	ug/kg	1250	1280	103	61-130	
Xylene (Total)	ug/kg	3750	4070	109	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3200136

Parameter	Units	92528011003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	696	637	92	70-131	
1,1,1-Trichloroethane	ug/kg	ND	696	635	91	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	696	602	86	66-130	
1,1,2-Trichloroethane	ug/kg	ND	696	671	96	66-133	
1,1-Dichloroethane	ug/kg	ND	696	641	92	65-130	
1,1-Dichloroethene	ug/kg	ND	696	638	92	10-158	
1,1-Dichloropropene	ug/kg	ND	696	643	92	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	696	563	81	27-138	
1,2,3-Trichloropropane	ug/kg	ND	696	599	86	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	696	570	82	51-134	
1,2,4-Trimethylbenzene	ug/kg	11.0	696	637	90	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	696	502	72	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	696	648	93	70-130	
1,2-Dichlorobenzene	ug/kg	ND	696	652	94	69-130	
1,2-Dichloroethane	ug/kg	ND	696	624	90	59-130	
1,2-Dichloropropane	ug/kg	ND	696	685	98	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	696	632	91	65-137	
1,3-Dichlorobenzene	ug/kg	ND	696	628	90	70-130	
1,3-Dichloropropane	ug/kg	ND	696	669	96	70-130	
1,4-Dichlorobenzene	ug/kg	ND	696	626	90	68-130	
2,2-Dichloropropane	ug/kg	ND	696	622	89	32-130	
2-Butanone (MEK)	ug/kg	ND	1390	1010	73	10-136	
2-Chlorotoluene	ug/kg	ND	696	630	90	69-141	
2-Hexanone	ug/kg	ND	1390	759	55	10-144	
4-Chlorotoluene	ug/kg	ND	696	632	91	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1390	1180	85	25-143	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

MATRIX SPIKE SAMPLE: 3200136

Parameter	Units	92528011003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	ND	1390	826	59	10-130	
Benzene	ug/kg	ND	696	683	98	67-130	
Bromobenzene	ug/kg	ND	696	616	88	70-130	
Bromochloromethane	ug/kg	ND	696	658	95	69-134	
Bromodichloromethane	ug/kg	ND	696	589	85	64-130	
Bromoform	ug/kg	ND	696	611	88	62-130	
Bromomethane	ug/kg	ND	696	617	89	20-176	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	696	625	90	65-140	
Chlorobenzene	ug/kg	ND	696	644	92	70-130	
Chloroethane	ug/kg	ND	696	203	29	10-130	
Chloroform	ug/kg	ND	696	663	95	63-130	
Chloromethane	ug/kg	ND	696	833	120	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	696	651	94	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	696	629	90	67-130	
Dibromochloromethane	ug/kg	ND	696	618	89	67-130	
Dibromomethane	ug/kg	ND	696	666	96	63-131	
Dichlorodifluoromethane	ug/kg	ND	696	683	98	44-180	
Diisopropyl ether	ug/kg	ND	696	624	90	63-130	
Ethylbenzene	ug/kg	ND	696	658	94	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	696	629	90	64-150	IK
Isopropylbenzene (Cumene)	ug/kg	ND	696	645	93	69-135	
m&p-Xylene	ug/kg	20.5	1390	1250	88	60-133	
Methyl-tert-butyl ether	ug/kg	ND	696	631	91	65-130	
Methylene Chloride	ug/kg	ND	696	703	101	61-130	
n-Butylbenzene	ug/kg	ND	696	590	85	65-140	
n-Propylbenzene	ug/kg	ND	696	639	92	67-140	
Naphthalene	ug/kg	29.7	696	577	79	15-145	
o-Xylene	ug/kg	12.0	696	648	91	66-133	
p-Isopropyltoluene	ug/kg	ND	696	621	89	56-147	
sec-Butylbenzene	ug/kg	ND	696	623	89	65-139	
Styrene	ug/kg	ND	696	643	92	70-132	
tert-Butylbenzene	ug/kg	ND	696	490	70	62-135	v3
Tetrachloroethene	ug/kg	ND	696	587	84	70-135	
Toluene	ug/kg	12.8	696	634	89	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	696	672	96	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	696	611	88	62-130	
Trichloroethene	ug/kg	ND	696	682	98	70-135	
Trichlorofluoromethane	ug/kg	ND	696	240	34	10-130	
Vinyl acetate	ug/kg	ND	1390	1380	99	53-130	
Vinyl chloride	ug/kg	ND	696	684	98	61-148	
Xylene (Total)	ug/kg	32.5	2090	1890	89	63-132	
1,2-Dichloroethane-d4 (S)	%				123	70-130	
4-Bromofluorobenzene (S)	%				94	69-134	
Toluene-d8 (S)	%				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: BRAMLETTE J21030497
Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199769

Parameter	Units	92528011001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	IK
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199769

Parameter	Units	92528011001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	v2
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	108			
4-Bromofluorobenzene (S)	%	96	94			
Toluene-d8 (S)	%	102	99			

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607623
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528011007

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528011007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/18/21 17:44	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/18/21 17:44	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/18/21 17:44	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/18/21 17:44	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/18/21 17:44	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/18/21 17:44	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/18/21 17:44	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/18/21 17:44	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
2-Hexanone	ug/kg	ND	50.0	4.8	03/18/21 17:44	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/18/21 17:44	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/18/21 17:44	
Acetone	ug/kg	ND	100	32.1	03/18/21 17:44	
Benzene	ug/kg	ND	5.0	2.0	03/18/21 17:44	
Bromobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Bromoform	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Bromomethane	ug/kg	ND	10.0	7.9	03/18/21 17:44	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/18/21 17:44	
Chloroethane	ug/kg	ND	10.0	3.9	03/18/21 17:44	
Chloroform	ug/kg	ND	5.0	3.0	03/18/21 17:44	
Chloromethane	ug/kg	ND	10.0	4.2	03/18/21 17:44	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/18/21 17:44	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528011007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Dibromomethane	ug/kg	ND	5.0	1.1	03/18/21 17:44	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/18/21 17:44	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/18/21 17:44	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/18/21 17:44	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/18/21 17:44	IK
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/18/21 17:44	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/18/21 17:44	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/18/21 17:44	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Naphthalene	ug/kg	ND	5.0	2.6	03/18/21 17:44	
o-Xylene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/18/21 17:44	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
Styrene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	v2
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Toluene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
Trichloroethene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/18/21 17:44	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/18/21 17:44	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/18/21 17:44	
1,2-Dichloroethane-d4 (S)	%	112	70-130		03/18/21 17:44	
4-Bromofluorobenzene (S)	%	92	69-134		03/18/21 17:44	
Toluene-d8 (S)	%	101	70-130		03/18/21 17:44	

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1280	102	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1290	103	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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	94	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1320	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1330	106	70-130	
1,2-Dichloroethane	ug/kg	1250	1150	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1300	104	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1280	103	70-130	
2,2-Dichloropropane	ug/kg	1250	1270	101	66-130	
2-Butanone (MEK)	ug/kg	2500	2270	91	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2490	99	70-130	
4-Chlorotoluene	ug/kg	1250	1340	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2420	97	70-130	
Acetone	ug/kg	2500	2310	93	69-130	
Benzene	ug/kg	1250	1260	101	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1320	106	70-130	
Bromodichloromethane	ug/kg	1250	1160	93	69-130	
Bromoform	ug/kg	1250	1360	109	70-130	
Bromomethane	ug/kg	1250	1820	146	52-130	IH,IK,L1,v1
Carbon tetrachloride	ug/kg	1250	1220	98	70-130	
Chlorobenzene	ug/kg	1250	1290	103	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1330	107	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1190	95	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1270	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1340	107	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1370	109	66-130	IK
Isopropylbenzene (Cumene)	ug/kg	1250	1310	105	70-130	
m&p-Xylene	ug/kg	2500	2600	104	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1330	107	67-130	
n-Propylbenzene	ug/kg	1250	1330	107	70-130	
Naphthalene	ug/kg	1250	1200	96	70-130	
o-Xylene	ug/kg	1250	1330	107	70-130	
p-Isopropyltoluene	ug/kg	1250	1300	104	67-130	
sec-Butylbenzene	ug/kg	1250	1280	102	69-130	
Styrene	ug/kg	1250	1350	108	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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	923	74	67-130	v2
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1280	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	98	70-130	
Vinyl acetate	ug/kg	2500	2920	117	70-130	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3940	105	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 3200882

Parameter	Units	92528353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1690	1890	112	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1690	1860	110	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1690	1820	108	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1690	1970	117	66-133	
1,1-Dichloroethane	ug/kg	ND	1690	1910	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1690	1950	115	10-158	
1,1-Dichloropropene	ug/kg	ND	1690	1860	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1690	1610	95	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1690	1770	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1690	1710	101	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1690	1890	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1690	1430	85	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1690	1890	112	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1690	2020	120	69-130	
1,2-Dichloroethane	ug/kg	ND	1690	1820	108	59-130	
1,2-Dichloropropane	ug/kg	ND	1690	1990	118	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1690	1880	111	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1690	1890	112	70-130	
1,3-Dichloropropane	ug/kg	ND	1690	1980	118	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1690	1880	111	68-130	
2,2-Dichloropropane	ug/kg	ND	1690	1810	107	32-130	
2-Butanone (MEK)	ug/kg	ND	3370	2940	87	10-136	
2-Chlorotoluene	ug/kg	ND	1690	1930	115	69-141	
2-Hexanone	ug/kg	ND	3370	3140	93	10-144	
4-Chlorotoluene	ug/kg	ND	1690	1970	117	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	3370	3340	99	25-143	
Acetone	ug/kg	ND	3370	2430	72	10-130	
Benzene	ug/kg	ND	1690	1960	116	67-130	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

MATRIX SPIKE SAMPLE: 3200882

Parameter	Units	92528353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	1690	1900	112	70-130	
Bromochloromethane	ug/kg	ND	1690	2100	125	69-134	
Bromodichloromethane	ug/kg	ND	1690	1710	101	64-130	
Bromoform	ug/kg	ND	1690	1780	106	62-130	
Bromomethane	ug/kg	ND	1690	1990	118	20-176	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	1690	1790	106	65-140	
Chlorobenzene	ug/kg	ND	1690	1950	116	70-130	
Chloroethane	ug/kg	ND	1690	713	42	10-130	
Chloroform	ug/kg	ND	1690	1940	115	63-130	
Chloromethane	ug/kg	ND	1690	2290	136	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1690	1880	112	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1690	1860	110	67-130	
Dibromochloromethane	ug/kg	ND	1690	1860	110	67-130	
Dibromomethane	ug/kg	ND	1690	1890	112	63-131	
Dichlorodifluoromethane	ug/kg	ND	1690	2000	118	44-180	
Diisopropyl ether	ug/kg	ND	1690	1850	110	63-130	
Ethylbenzene	ug/kg	9.2J	1690	2030	120	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1690	1920	114	64-150	IK
Isopropylbenzene (Cumene)	ug/kg	ND	1690	1920	114	69-135	
m&p-Xylene	ug/kg	65.9	3370	3890	113	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1690	1800	106	65-130	
Methylene Chloride	ug/kg	ND	1690	1990	118	61-130	
n-Butylbenzene	ug/kg	ND	1690	1880	111	65-140	
n-Propylbenzene	ug/kg	ND	1690	1960	116	67-140	
Naphthalene	ug/kg	ND	1690	1460	86	15-145	
o-Xylene	ug/kg	24.0	1690	1950	114	66-133	
p-Isopropyltoluene	ug/kg	ND	1690	1870	111	56-147	
sec-Butylbenzene	ug/kg	ND	1690	1900	113	65-139	
Styrene	ug/kg	ND	1690	1990	118	70-132	
tert-Butylbenzene	ug/kg	ND	1690	1400	83	62-135	v2
Tetrachloroethene	ug/kg	ND	1690	1840	109	70-135	
Toluene	ug/kg	ND	1690	1810	107	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1690	2000	119	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1690	1750	104	62-130	
Trichloroethene	ug/kg	ND	1690	1990	118	70-135	
Trichlorofluoromethane	ug/kg	ND	1690	800	47	10-130	
Vinyl acetate	ug/kg	ND	3370	4030	120	53-130	
Vinyl chloride	ug/kg	ND	1690	1930	115	61-148	
Xylene (Total)	ug/kg	89.9	5060	5840	114	63-132	
1,2-Dichloroethane-d4 (S)	%				126	70-130	
4-Bromofluorobenzene (S)	%				97	69-134	
Toluene-d8 (S)	%				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: BRAMLETTE J21030497
Pace Project No.: 92528011

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	3.4J	2.5J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	IK
Isopropylbenzene (Cumene)	ug/kg	ND	ND		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: BRAMLETTE J21030497
Pace Project No.: 92528011

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	10.5J	8.5J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	7.8	7.7	1	30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	v2
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	9.7	8.8	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	10.5J	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	108			
4-Bromofluorobenzene (S)	%	91	93			
Toluene-d8 (S)	%	102	102			

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607315
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

METHOD BLANK: 3199476
Matrix: Solid
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	331	116	03/18/21 07:40	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	331	158	03/18/21 07:40	
2,4,5-Trichlorophenol	ug/kg	ND	331	152	03/18/21 07:40	
2,4,6-Trichlorophenol	ug/kg	ND	331	136	03/18/21 07:40	
2,4-Dichlorophenol	ug/kg	ND	331	129	03/18/21 07:40	
2,4-Dimethylphenol	ug/kg	ND	331	137	03/18/21 07:40	
2,4-Dinitrophenol	ug/kg	ND	1660	1020	03/18/21 07:40	
2,4-Dinitrotoluene	ug/kg	ND	331	127	03/18/21 07:40	
2,6-Dinitrotoluene	ug/kg	ND	331	121	03/18/21 07:40	
2-Chloronaphthalene	ug/kg	ND	331	131	03/18/21 07:40	
2-Chlorophenol	ug/kg	ND	331	124	03/18/21 07:40	
2-Methylnaphthalene	ug/kg	ND	331	132	03/18/21 07:40	
2-Methylphenol(o-Cresol)	ug/kg	ND	331	135	03/18/21 07:40	
2-Nitroaniline	ug/kg	ND	1660	271	03/18/21 07:40	
2-Nitrophenol	ug/kg	ND	331	143	03/18/21 07:40	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	331	133	03/18/21 07:40	
3,3'-Dichlorobenzidine	ug/kg	ND	662	224	03/18/21 07:40	IL
3-Nitroaniline	ug/kg	ND	1660	260	03/18/21 07:40	
4,6-Dinitro-2-methylphenol	ug/kg	ND	662	309	03/18/21 07:40	
4-Bromophenylphenyl ether	ug/kg	ND	331	127	03/18/21 07:40	
4-Chloro-3-methylphenol	ug/kg	ND	662	233	03/18/21 07:40	
4-Chloroaniline	ug/kg	ND	662	260	03/18/21 07:40	
4-Chlorophenylphenyl ether	ug/kg	ND	331	123	03/18/21 07:40	
4-Nitroaniline	ug/kg	ND	662	252	03/18/21 07:40	
4-Nitrophenol	ug/kg	ND	1660	640	03/18/21 07:40	
Acenaphthene	ug/kg	ND	331	116	03/18/21 07:40	
Acenaphthylene	ug/kg	ND	331	116	03/18/21 07:40	
Aniline	ug/kg	ND	331	129	03/18/21 07:40	
Anthracene	ug/kg	ND	331	108	03/18/21 07:40	
Benzo(a)anthracene	ug/kg	ND	331	110	03/18/21 07:40	
Benzo(b)fluoranthene	ug/kg	ND	331	110	03/18/21 07:40	
Benzo(g,h,i)perylene	ug/kg	ND	331	128	03/18/21 07:40	
Benzo(k)fluoranthene	ug/kg	ND	331	116	03/18/21 07:40	
Benzoic Acid	ug/kg	ND	1660	711	03/18/21 07:40	
Benzyl alcohol	ug/kg	ND	662	251	03/18/21 07:40	
bis(2-Chloroethoxy)methane	ug/kg	ND	331	137	03/18/21 07:40	
bis(2-Chloroethyl) ether	ug/kg	ND	331	124	03/18/21 07:40	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	331	128	03/18/21 07:40	
Butylbenzylphthalate	ug/kg	ND	331	139	03/18/21 07:40	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

METHOD BLANK: 3199476 Matrix: Solid
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	331	120	03/18/21 07:40	
Di-n-butylphthalate	ug/kg	ND	331	111	03/18/21 07:40	
Di-n-octylphthalate	ug/kg	ND	331	130	03/18/21 07:40	
Dibenz(a,h)anthracene	ug/kg	ND	331	127	03/18/21 07:40	
Dibenzofuran	ug/kg	ND	331	119	03/18/21 07:40	
Diethylphthalate	ug/kg	ND	331	121	03/18/21 07:40	
Dimethylphthalate	ug/kg	ND	331	120	03/18/21 07:40	
Fluoranthene	ug/kg	ND	331	113	03/18/21 07:40	
Fluorene	ug/kg	ND	331	116	03/18/21 07:40	
Hexachlorobenzene	ug/kg	ND	331	129	03/18/21 07:40	
Hexachlorocyclopentadiene	ug/kg	ND	331	190	03/18/21 07:40	
Hexachloroethane	ug/kg	ND	331	126	03/18/21 07:40	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	331	130	03/18/21 07:40	
Isophorone	ug/kg	ND	331	147	03/18/21 07:40	
N-Nitroso-di-n-propylamine	ug/kg	ND	331	124	03/18/21 07:40	
N-Nitrosodimethylamine	ug/kg	ND	331	111	03/18/21 07:40	
N-Nitrosodiphenylamine	ug/kg	ND	331	117	03/18/21 07:40	
Nitrobenzene	ug/kg	ND	331	154	03/18/21 07:40	
Pentachlorophenol	ug/kg	ND	662	324	03/18/21 07:40	
Phenanthrene	ug/kg	ND	331	108	03/18/21 07:40	
Phenol	ug/kg	ND	331	147	03/18/21 07:40	
Pyrene	ug/kg	ND	331	134	03/18/21 07:40	
Pyridine	ug/kg	ND	331	104	03/18/21 07:40	
2,4,6-Tribromophenol (S)	%	85	18-130		03/18/21 07:40	
2-Fluorobiphenyl (S)	%	75	19-130		03/18/21 07:40	
2-Fluorophenol (S)	%	77	18-130		03/18/21 07:40	
Nitrobenzene-d5 (S)	%	81	21-130		03/18/21 07:40	
Phenol-d6 (S)	%	83	18-130		03/18/21 07:40	
Terphenyl-d14 (S)	%	118	15-130		03/18/21 07:40	

LABORATORY CONTROL SAMPLE: 3199477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1670	1400	83	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1310	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1670	1390	83	49-130	
2,4,6-Trichlorophenol	ug/kg	1670	1360	81	50-130	
2,4-Dichlorophenol	ug/kg	1670	1520	91	51-130	
2,4-Dimethylphenol	ug/kg	1670	1520	91	53-130	
2,4-Dinitrophenol	ug/kg	8360	6280	75	39-130	
2,4-Dinitrotoluene	ug/kg	1670	1450	87	53-130	
2,6-Dinitrotoluene	ug/kg	1670	1410	85	55-130	
2-Chloronaphthalene	ug/kg	1670	1350	81	48-130	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1670	1350	81	54-130	
2-Methylnaphthalene	ug/kg	1670	1410	84	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1440	86	50-130	
2-Nitroaniline	ug/kg	3340	2870	86	49-130	
2-Nitrophenol	ug/kg	1670	1510	90	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1460	87	50-130	
3,3'-Dichlorobenzidine	ug/kg	3340	2510	75	47-130	IL
3-Nitroaniline	ug/kg	3340	2430	73	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3340	2740	82	50-142	
4-Bromophenylphenyl ether	ug/kg	1670	1400	84	55-130	
4-Chloro-3-methylphenol	ug/kg	3340	3020	90	52-130	
4-Chloroaniline	ug/kg	3340	2640	79	49-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1480	88	53-130	
4-Nitroaniline	ug/kg	3340	2740	82	51-130	
4-Nitrophenol	ug/kg	8360	7360	88	40-130	
Acenaphthene	ug/kg	1670	1400	84	56-130	
Acenaphthylene	ug/kg	1670	1390	83	58-130	
Aniline	ug/kg	1670	1250	74	44-130	
Anthracene	ug/kg	1670	1450	86	60-130	
Benzo(a)anthracene	ug/kg	1670	1500	90	59-130	
Benzo(b)fluoranthene	ug/kg	1670	1470	88	54-130	
Benzo(g,h,i)perylene	ug/kg	1670	1300	78	59-130	
Benzo(k)fluoranthene	ug/kg	1670	1530	91	54-130	
Benzoic Acid	ug/kg	8360	4550	54	19-130	
Benzyl alcohol	ug/kg	3340	2800	84	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1480	89	55-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1460	87	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1480	89	58-130	
Butylbenzylphthalate	ug/kg	1670	1430	86	46-138	
Chrysene	ug/kg	1670	1480	88	57-130	
Di-n-butylphthalate	ug/kg	1670	1430	85	57-130	
Di-n-octylphthalate	ug/kg	1670	1450	87	57-130	
Dibenz(a,h)anthracene	ug/kg	1670	1380	82	60-130	
Dibenzofuran	ug/kg	1670	1450	87	54-130	
Diethylphthalate	ug/kg	1670	1390	83	55-130	
Dimethylphthalate	ug/kg	1670	1370	82	57-130	
Fluoranthene	ug/kg	1670	1540	92	57-130	
Fluorene	ug/kg	1670	1450	87	56-130	
Hexachlorobenzene	ug/kg	1670	1430	85	53-130	
Hexachlorocyclopentadiene	ug/kg	1670	1060	63	23-130	
Hexachloroethane	ug/kg	1670	1380	83	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1390	83	61-130	
Isophorone	ug/kg	1670	1410	84	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1470	88	52-130	
N-Nitrosodimethylamine	ug/kg	1670	1320	79	45-130	
N-Nitrosodiphenylamine	ug/kg	1670	1390	83	56-130	
Nitrobenzene	ug/kg	1670	1430	86	50-130	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3340	2780	83	33-130	
Phenanthrene	ug/kg	1670	1480	88	60-130	
Phenol	ug/kg	1670	1480	89	54-130	
Pyrene	ug/kg	1670	1510	90	61-130	
Pyridine	ug/kg	1670	1080	65	35-130	
2,4,6-Tribromophenol (S)	%			92	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			83	18-130	
Nitrobenzene-d5 (S)	%			87	21-130	
Phenol-d6 (S)	%			84	18-130	
Terphenyl-d14 (S)	%			105	15-130	

MATRIX SPIKE SAMPLE: 3199478

Parameter	Units	92528011001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1940	1510	78	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1940	1430	74	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1940	1610	83	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1940	1540	80	23-130	
2,4-Dichlorophenol	ug/kg	ND	1940	1600	83	29-130	
2,4-Dimethylphenol	ug/kg	ND	1940	1650	86	13-130	
2,4-Dinitrophenol	ug/kg	ND	9660	6480	67	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1940	1690	87	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1940	1640	85	36-130	
2-Chloronaphthalene	ug/kg	ND	1940	1480	77	27-130	
2-Chlorophenol	ug/kg	ND	1940	1480	77	29-130	
2-Methylnaphthalene	ug/kg	ND	1940	1560	81	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1940	1560	81	20-130	
2-Nitroaniline	ug/kg	ND	3860	3400	88	29-130	
2-Nitrophenol	ug/kg	ND	1940	1600	83	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1940	1540	80	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3860	3120	81	15-130	IL
3-Nitroaniline	ug/kg	ND	3860	3090	80	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3860	2980	77	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1940	1590	82	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3860	3280	85	30-130	
4-Chloroaniline	ug/kg	ND	3860	2900	75	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1940	1690	88	32-130	
4-Nitroaniline	ug/kg	ND	3860	3300	85	30-130	
4-Nitrophenol	ug/kg	ND	9660	8610	89	17-130	
Acenaphthene	ug/kg	ND	1940	1600	83	29-130	
Acenaphthylene	ug/kg	ND	1940	1580	82	31-130	
Aniline	ug/kg	ND	1940	1250	65	10-130	
Anthracene	ug/kg	ND	1940	1660	86	33-130	
Benzo(a)anthracene	ug/kg	ND	1940	1710	89	32-130	

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

MATRIX SPIKE SAMPLE: 3199478

Parameter	Units	92528011001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	1940	1710	89	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1940	1580	82	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1940	1720	89	31-130	
Benzoic Acid	ug/kg	ND	9660	4200	44	10-130	
Benzyl alcohol	ug/kg	ND	3860	3020	78	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1940	1520	79	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1940	1510	78	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1940	1650	85	40-130	
Butylbenzylphthalate	ug/kg	ND	1940	1630	84	40-130	
Chrysene	ug/kg	ND	1940	1660	86	30-130	
Di-n-butylphthalate	ug/kg	ND	1940	1550	80	41-130	
Di-n-octylphthalate	ug/kg	ND	1940	1610	83	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1940	1660	86	27-130	
Dibenzofuran	ug/kg	ND	1940	1660	86	32-130	
Diethylphthalate	ug/kg	ND	1940	1640	85	40-130	
Dimethylphthalate	ug/kg	ND	1940	1600	83	37-130	
Fluoranthene	ug/kg	ND	1940	1680	87	26-130	
Fluorene	ug/kg	ND	1940	1680	87	31-130	
Hexachlorobenzene	ug/kg	ND	1940	1630	84	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1940	1020	53	10-130	
Hexachloroethane	ug/kg	ND	1940	1490	77	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1940	1610	84	28-130	
Isophorone	ug/kg	ND	1940	1510	78	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1940	1590	82	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1940	1390	72	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1940	1610	83	32-130	
Nitrobenzene	ug/kg	ND	1940	1500	78	25-130	
Pentachlorophenol	ug/kg	ND	3860	3150	81	10-130	
Phenanthrene	ug/kg	ND	1940	1660	86	34-130	
Phenol	ug/kg	ND	1940	1630	84	14-130	
Pyrene	ug/kg	ND	1940	1730	89	31-130	
Pyridine	ug/kg	ND	1940	759	39	10-130	
2,4,6-Tribromophenol (S)	%				92	18-130	
2-Fluorobiphenyl (S)	%				78	19-130	
2-Fluorophenol (S)	%				75	18-130	
Nitrobenzene-d5 (S)	%				80	21-130	
Phenol-d6 (S)	%				79	18-130	
Terphenyl-d14 (S)	%				104	15-130	

SAMPLE DUPLICATE: 3199513

Parameter	Units	92528011003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		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: BRAMLETTE J21030497
Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199513

Parameter	Units	92528011003 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		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: BRAMLETTE J21030497
Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199513

Parameter	Units	92528011003 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	57	67			
2-Fluorobiphenyl (S)	%	71	71			
2-Fluorophenol (S)	%	57	62			
Nitrobenzene-d5 (S)	%	71	72			
Phenol-d6 (S)	%	68	68			
Terphenyl-d14 (S)	%	101	101			

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607298
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012, 92528011013, 92528011014, 92528011015, 92528011016, 92528011017, 92528011018, 92528011019, 92528011020

SAMPLE DUPLICATE: 3199386

Parameter	Units	92528011001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.0	2	25	N2

SAMPLE DUPLICATE: 3199387

Parameter	Units	92528011020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	33.1	37.1	11	25	N2

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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: BRAMLETTE J21030497
Pace Project No.: 92528011

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

C8	Result may be biased high due to carryover from previously analyzed sample.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results 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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528011001	RI-SB-13_SO_0.5-1.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011002	RI-SB-13_SO_5.5-6.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011003	RI-SB-14_SO_0.5-1.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011004	RI-SB-14_SO_5.5-6.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011005	RI-SB-15_SO_0.5-1.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011006	RI-SB-15_SO_5.5-6.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011007	RI-SB-16_SO_0.5-1.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011008	RI-SB-16_SO_5.5-6.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011009	RI-SB-17_SO_0.5-1.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011010	RI-SB-17_SO_5.5-6.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011011	RI-SB-18_SO_0.5-1.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011012	RI-SB-18_SO_5.5-6.0_20210315	EPA 3546	607315	EPA 8270E	607499
92528011021	TRIP BLANK	EPA 8260D	607594		
92528011001	RI-SB-13_SO_0.5-1.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011002	RI-SB-13_SO_5.5-6.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011003	RI-SB-14_SO_0.5-1.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011004	RI-SB-14_SO_5.5-6.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011005	RI-SB-15_SO_0.5-1.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011006	RI-SB-15_SO_5.5-6.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011007	RI-SB-16_SO_0.5-1.0_20210315	EPA 5035A/5030B	607623	EPA 8260D	607658
92528011008	RI-SB-16_SO_5.5-6.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011009	RI-SB-17_SO_0.5-1.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011010	RI-SB-17_SO_5.5-6.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011011	RI-SB-18_SO_0.5-1.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011012	RI-SB-18_SO_5.5-6.0_20210315	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011001	RI-SB-13_SO_0.5-1.0_20210315	SW-846	607298		
92528011002	RI-SB-13_SO_5.5-6.0_20210315	SW-846	607298		
92528011003	RI-SB-14_SO_0.5-1.0_20210315	SW-846	607298		
92528011004	RI-SB-14_SO_5.5-6.0_20210315	SW-846	607298		
92528011005	RI-SB-15_SO_0.5-1.0_20210315	SW-846	607298		
92528011006	RI-SB-15_SO_5.5-6.0_20210315	SW-846	607298		
92528011007	RI-SB-16_SO_0.5-1.0_20210315	SW-846	607298		
92528011008	RI-SB-16_SO_5.5-6.0_20210315	SW-846	607298		
92528011009	RI-SB-17_SO_0.5-1.0_20210315	SW-846	607298		
92528011010	RI-SB-17_SO_5.5-6.0_20210315	SW-846	607298		
92528011011	RI-SB-18_SO_0.5-1.0_20210315	SW-846	607298		
92528011012	RI-SB-18_SO_5.5-6.0_20210315	SW-846	607298		
92528011013	RI-SB-21_SO_0.5-1.0_20210315	SW-846	607298		
92528011014	RI-SB-21_SO_5.5-6.0_20210315	SW-846	607298		
92528011015	RI-SB-22_SO_0.5-1.0_20210315	SW-846	607298		
92528011016	RI-SB-22_SO_5.5-6.0_20210315	SW-846	607298		
92528011017	RI-SB-23_SO_0.5-1.0_20210315	SW-846	607298		
92528011018	RI-SB-23_SO_5.5-6.0_20210315	SW-846	607298		
92528011019	RI-SB-24_SO_0.5-1.0_20210315	SW-846	607298		
92528011020	RI-SB-24_SO_5.5-6.0_20210315	SW-846	607298		

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: Sytera

Project #: WO# : 92528011

92528011

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

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

Date/Initials Person Examining Contents: 8 3/16/24

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

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

Thermometer: ☒ IR Gun ID: 437071

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 2.1/3.4/5.4/3.1 **Correction Factor:** Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 2.1/3.4/5.4/3.1

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☒ Yes ☐ No

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

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes	☐ No	☐ N/A	4. 3 Day TAT
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. Additional Samples not listed on COC
-Includes Date/Time/ID/Analysis Matrix: SL				
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# : 92528011**

PM: KLH1 Due Date: 03/19/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical
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Sample Receiving Non-Conformance Form (NCF)

Date: 3/16/21	Evaluated by: Chris Deroach
Client: Synterra	

A WO#: 92528011
PM: KLH1 Due Date: 03/19/21
CLIENT: 92-Duke Ener

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	X	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: Did not Receive Samples listed on COC 2062.
Need the Following Samples not listed on COC
RI-SB 21 -S0.0.5 @ 15:05 3/15
RI-SB-21 S0 5.5 @ 15:10 3/15
RI-SB-22 -S0-0.5 @ 15:25 3/15
RI-SB-22 S0 5.5 @ 15:30 3/15
RI-SB-23-S0 0.5 @ 15:35 3/15
RI-SB 23 S0 -5.5 @ 15:40 3/15
RI-SB-24-S0.0.5 @ 1555 3/15
RI-SB-24-S0-5.5 @ 16.00 3/15

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:

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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:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Heather Smith	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:		Purchase Order #:		Pace Quote:	
Phone: (803)429-3668	Fax:	Project Name:	Bramlette Soil Sampling	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:	3 day TAT	Project #:	60.2731.00.03	Pace Profile #:	7754

Regulatory Agency

State / Location: SC

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	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: VOC's	SVOC's	Residual Chlorine (Y/N)
1	RI-SB-13_S0_0.5-1.0_20210315	SL	G	3/15/21	1035	—	—		4							X			X	X	
2	RI-SB-13-S0-5.5-6.0-20210315	SL	G	3/15/21	1035	—	—		4							X			X	X	
3	RI-SB-14_S0_0.5-1.0_20210315	SL	G	3/15/21	1040	—	—		4							X			X	X	
4	RI-SB-14-S0_5.5-6.0_20210315	SL	G	3/15/21	1040	—	—		4							X			X	X	
5	RI-SB-15-S0_0.5-1.0_20210315	SL	G	3/15/21	1130	—	—		4							X			X	X	
6	RI-SB-15-S0-5.5-6.0_20210315	SL	G	3/15/21	1135	—	—		4							X			X	X	
7	RI-SB-16-S0-0.5-1.0_20210315	SL	G	3/15/21	1145	—	—		4							X			X	X	
8	RI-SB-16-S0-5.5-6.0_20210315	SL	G	3/15/21	1150	—	—		4							X			X	X	
9	RI-SB-17-S0-0.5-1.0_20210315	SL	G	3/15/21	1330	—	—		4							X			X	X	
10	RI-SB-17-S0-5.5-6.0_20210315	SL	G	3/15/21	1335	—	—		4							X			X	X	
11	RI-SB-18-S0-0.5-1.0_20210315	SL	G	3/15/21	1345	—	—		4							X			X	X	
12	RI-SB-18-S0-5.5-1.0_20210315	SL	G	3/15/21	1350	—	—		4							X			X	X	

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	SAMPLE CONDITIONS
	Tom King / Synterra	3/15/21	1700	SynTerra Cold Storage	3/15/21	1700	
	SynTerra Cold Storage	3/16/21	0930	Tom King / Synterra	3/16/21	0930	
	Tom King / Synterra	3/16/21	1000	Tyler Wyatt / Tyler Wyatt	3/16/21	1000	
	Tyler Wyatt / Tyler Wyatt	3/16/21	1145	Pace	3.16.21	1145	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: Tom King

DATE Signed: 3/16/21

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

Pace / 3.16.21 / 1330

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page : 3 Of 3

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Heather Smith	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	
Email:		Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax:	Project Name:	Bramlette Soil Sampling	Pace Project Manager:	kevin.herring@pacelabs.com,
Requested Due Date:	3 day TAT	Project #:		Pace Profile #:	7754

Regulatory Agency: | State / Location: SC

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

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	VOC's	SVOC's	Trip Blank	Residual Chlorine (Y/N)
1	RI-SB-19-S0-0.5-1.0-20210315	SL	G	3/15/21	1415	—			4							X			X	X			
2	RI-SB-19-S0-5.5-6.0-20210315	SL	G	3/15/21	1420	—			4							X			X	X			
3	RI-SB-20-S0-0.5-1.0-20210315	SL	G	3/15/21	1430	—			4							X			X	X			
4	RI-SB-20-S0-5.5-6.0-20210315	SL	G	3/15/21	1435	—			4							X			X	X			
5	Trip Blank	WT	G	3/16/21	1000	—			2	X											X		
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Tom King / Synterra	3/15/21	1700	Synterra Cold Storage	3/15/21	1700	
	Synterra Cold Storage	3/16/21	0930	Tom King / Synterra	3/16/21	0930	
	Tom King / Synterra	3/16/21	1000	Pace	3.16.21	1145	
	Pace	3.16.21	1330				

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: Tom King DATE Signed: 3/16/21

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

CHAIN-OF-CUSTODY / Analytical Request Document

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Page : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River Street	Copy To:	Heather Smith	Company Name:	
	Suite 220, Greenville, SC 29601			Address:	
Email To:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	Fax:	Project Name:	Former Bramlette MGP	Pace Project Manager:	Kevin Herring
Requested Due Date:	3-day TAT	Project Number:	00.2731.00.08	Pace Profile #:	7754

Regulatory Agency
State / Location

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

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	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: 8260	8270	Trip Blank	Residual Chlorine (Y/N)	
1	RI-SB-21_SO_0.5-1.0_20210315	SL	G	3/15/2021	1505	--	--		4							X			X	X			HOLD SAMPLE
2	RI-SB-21_SO_5.5-6.0_20210315	SL	G	3/15/2021	1510	--	--		4							X			X	X			HOLD SAMPLE
3	RI-SB-22_SO_0.5-1.0_20210315	SL	G	3/15/2021	1525	--	--		4							X			X	X			HOLD SAMPLE
4	RI-SB-22_SO_5.5-6.0_20210315	SL	G	3/15/2021	1530	--	--		4							X			X	X			HOLD SAMPLE
5	RI-SB-23_SO_0.5-1.0_20210315	SL	G	3/15/2021	1535	--	--		4							X			X	X			HOLD SAMPLE
6	RI-SB-23_SO_5.5-6.0_20210315	SL	G	3/15/2021	1540	--	--		4							X			X	X			HOLD SAMPLE
7	RI-SB-24_SO_0.5-1.0_20210315	SL	G	3/15/2021	1555	--	--		4							X			X	X			HOLD SAMPLE
8	RI-SB-24_SO_5.5-6.0_20210315	SL	G	3/15/2021	1600	--	--		4							X			X	X			HOLD SAMPLE
9	Trip Blank	WT	G	3/15/2021	--	--	--		2	X											X		
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: 

DATE Signed: 3/15/2021

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

Pace Analytical Services, LLC
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March 22, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 17, 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,

Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

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

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92528353001	**RI-SB-19_SO_0.5-1.0_20210315**	Solid	03/15/21 14:15	03/17/21 10:45
92528353002	**RI-SB-19_SO_5.5-6.0_20210315**	Solid	03/15/21 14:20	03/17/21 10:45
92528353003	**RI-SB-20_SO_0.5-1.0_20210315**	Solid	03/15/21 14:30	03/17/21 10:45
92528353004	**RI-SB-20_SO_5.5-6.0_20210315**	Solid	03/15/21 14:35	03/17/21 10:45
92528353005	**TRIP BLANK**	Water	03/17/21 00:00	03/17/21 10:45

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528353001	**RI-SB-19_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353002	**RI-SB-19_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353003	**RI-SB-20_SO_0.5-1.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353004	**RI-SB-20_SO_5.5-6.0_20210315**	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353005	**TRIP BLANK**	EPA 8260D	PM1	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528353001	**RI-SB-19_SO_0.5-1.0_20210315**					
EPA 8260D	Acetone	97.3J	ug/kg	146	03/19/21 23:03	
EPA 8260D	2-Butanone (MEK)	47.6J	ug/kg	146	03/19/21 23:03	
EPA 8260D	Naphthalene	6.4J	ug/kg	7.3	03/19/21 23:03	
EPA 8260D	Toluene	5.7J	ug/kg	7.3	03/19/21 23:03	
SW-846	Percent Moisture	22.0	%	0.10	03/18/21 15:17	N2
92528353002	**RI-SB-19_SO_5.5-6.0_20210315**					
EPA 8260D	Ethylbenzene	9.2J	ug/kg	16.9	03/19/21 01:02	
EPA 8260D	Xylene (Total)	89.9	ug/kg	33.7	03/19/21 01:02	
EPA 8260D	m&p-Xylene	65.9	ug/kg	33.7	03/19/21 01:02	
EPA 8260D	o-Xylene	24.0	ug/kg	16.9	03/19/21 01:02	
SW-846	Percent Moisture	22.3	%	0.10	03/18/21 15:17	N2
92528353003	**RI-SB-20_SO_0.5-1.0_20210315**					
EPA 8260D	Toluene	14.1	ug/kg	6.6	03/19/21 01:55	
SW-846	Percent Moisture	13.2	%	0.10	03/18/21 15:17	N2
92528353004	**RI-SB-20_SO_5.5-6.0_20210315**					
EPA 8260D	Toluene	5.0J	ug/kg	6.3	03/19/21 01:20	
SW-846	Percent Moisture	18.9	%	0.10	03/18/21 15:17	N2

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607492

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.

- BLANK (Lab ID: 3200335)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate
- DUP (Lab ID: 3200338)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate
- LCS (Lab ID: 3200336)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate
- MS (Lab ID: 3200337)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate
- RI-SB-19_SO_0.5-1.0_20210315 (Lab ID: 92528353001)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate
- RI-SB-20_SO_0.5-1.0_20210315 (Lab ID: 92528353003)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607492

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.

- Butylbenzylphthalate
- Di-n-octylphthalate
- bis(2-Ethylhexyl)phthalate

- RI-SB-20_SO_5.5-6.0_20210315 (Lab ID: 92528353004)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - bis(2-Ethylhexyl)phthalate

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607492

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527967001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3200337)
  - Benzoic Acid

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 22, 2021

General Information:
1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 608197

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3204047)
  - Bromoform
- LCS (Lab ID: 3204048)
  - Bromoform
- MS (Lab ID: 3204049)
  - Bromoform
- MSD (Lab ID: 3204050)
  - Bromoform
- TRIP BLANK (Lab ID: 92528353005)
  - Bromoform

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

General Information:
4 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607623

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3200879)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3200881)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3200880)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MS (Lab ID: 3200882)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- RI-SB-20_SO_5.5-6.0_20210315 (Lab ID: 92528353004)
  - Hexachloro-1,3-butadiene

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 607623

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.

- BLANK (Lab ID: 3200879)
  - Bromomethane
- DUP (Lab ID: 3200881)
  - Bromomethane
- LCS (Lab ID: 3200880)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

QC Batch: 607623

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.

- Bromomethane
- MS (Lab ID: 3200882)
  - Bromomethane
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
  - Bromomethane

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.

- BLANK (Lab ID: 3200879)
  - tert-Butylbenzene
- DUP (Lab ID: 3200881)
  - tert-Butylbenzene
- LCS (Lab ID: 3200880)
  - tert-Butylbenzene
- MS (Lab ID: 3200882)
  - tert-Butylbenzene
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
  - tert-Butylbenzene
- RI-SB-20_SO_5.5-6.0_20210315 (Lab ID: 92528353004)
  - tert-Butylbenzene

QC Batch: 608035

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.

- BLANK (Lab ID: 3203111)
  - Bromomethane
- DUP (Lab ID: 3203113)
  - Bromomethane
- LCS (Lab ID: 3203112)
  - Bromomethane
- MS (Lab ID: 3203114)
  - Bromomethane
- RI-SB-19_SO_0.5-1.0_20210315 (Lab ID: 92528353001)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3203114)
  - tert-Butylbenzene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 22, 2021

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 607623

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3200880)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607623

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528353002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3200882)
  - Chloromethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 **Lab ID: 92528353001** Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	83-32-9	
Acenaphthylene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	208-96-8	
Aniline	ND	ug/kg	429	168	1	03/18/21 10:18	03/18/21 20:49	62-53-3	
Anthracene	ND	ug/kg	429	140	1	03/18/21 10:18	03/18/21 20:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	429	143	1	03/18/21 10:18	03/18/21 20:49	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	429	143	1	03/18/21 10:18	03/18/21 20:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	429	166	1	03/18/21 10:18	03/18/21 20:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	207-08-9	
Benzoic Acid	ND	ug/kg	2140	921	1	03/18/21 10:18	03/18/21 20:49	65-85-0	
Benzyl alcohol	ND	ug/kg	857	325	1	03/18/21 10:18	03/18/21 20:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	429	165	1	03/18/21 10:18	03/18/21 20:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	429	181	1	03/18/21 10:18	03/18/21 20:49	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	857	301	1	03/18/21 10:18	03/18/21 20:49	59-50-7	
4-Chloroaniline	ND	ug/kg	857	336	1	03/18/21 10:18	03/18/21 20:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	429	178	1	03/18/21 10:18	03/18/21 20:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	429	161	1	03/18/21 10:18	03/18/21 20:49	111-44-4	
2-Chloronaphthalene	ND	ug/kg	429	170	1	03/18/21 10:18	03/18/21 20:49	91-58-7	
2-Chlorophenol	ND	ug/kg	429	161	1	03/18/21 10:18	03/18/21 20:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	429	160	1	03/18/21 10:18	03/18/21 20:49	7005-72-3	
Chrysene	ND	ug/kg	429	156	1	03/18/21 10:18	03/18/21 20:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	429	165	1	03/18/21 10:18	03/18/21 20:49	53-70-3	
Dibenzofuran	ND	ug/kg	429	155	1	03/18/21 10:18	03/18/21 20:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	857	290	1	03/18/21 10:18	03/18/21 20:49	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	429	168	1	03/18/21 10:18	03/18/21 20:49	120-83-2	
Diethylphthalate	ND	ug/kg	429	157	1	03/18/21 10:18	03/18/21 20:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	429	178	1	03/18/21 10:18	03/18/21 20:49	105-67-9	
Dimethylphthalate	ND	ug/kg	429	156	1	03/18/21 10:18	03/18/21 20:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	429	144	1	03/18/21 10:18	03/18/21 20:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	857	400	1	03/18/21 10:18	03/18/21 20:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2140	1320	1	03/18/21 10:18	03/18/21 20:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	429	165	1	03/18/21 10:18	03/18/21 20:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	429	157	1	03/18/21 10:18	03/18/21 20:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	429	169	1	03/18/21 10:18	03/18/21 20:49	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	429	166	1	03/18/21 10:18	03/18/21 20:49	117-81-7	v1
Fluoranthene	ND	ug/kg	429	147	1	03/18/21 10:18	03/18/21 20:49	206-44-0	
Fluorene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	86-73-7	
Hexachlorobenzene	ND	ug/kg	429	168	1	03/18/21 10:18	03/18/21 20:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	429	245	1	03/18/21 10:18	03/18/21 20:49	77-47-4	
Hexachloroethane	ND	ug/kg	429	164	1	03/18/21 10:18	03/18/21 20:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	429	169	1	03/18/21 10:18	03/18/21 20:49	193-39-5	
Isophorone	ND	ug/kg	429	191	1	03/18/21 10:18	03/18/21 20:49	78-59-1	
1-Methylnaphthalene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	90-12-0	
2-Methylnaphthalene	ND	ug/kg	429	171	1	03/18/21 10:18	03/18/21 20:49	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 **Lab ID: 92528353001** Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	429	175	1	03/18/21 10:18	03/18/21 20:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	429	173	1	03/18/21 10:18	03/18/21 20:49	15831-10-4	
2-Nitroaniline	ND	ug/kg	2140	351	1	03/18/21 10:18	03/18/21 20:49	88-74-4	
3-Nitroaniline	ND	ug/kg	2140	336	1	03/18/21 10:18	03/18/21 20:49	99-09-2	
4-Nitroaniline	ND	ug/kg	857	326	1	03/18/21 10:18	03/18/21 20:49	100-01-6	
Nitrobenzene	ND	ug/kg	429	199	1	03/18/21 10:18	03/18/21 20:49	98-95-3	
2-Nitrophenol	ND	ug/kg	429	186	1	03/18/21 10:18	03/18/21 20:49	88-75-5	
4-Nitrophenol	ND	ug/kg	2140	829	1	03/18/21 10:18	03/18/21 20:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	429	144	1	03/18/21 10:18	03/18/21 20:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	429	161	1	03/18/21 10:18	03/18/21 20:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	429	152	1	03/18/21 10:18	03/18/21 20:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	429	204	1	03/18/21 10:18	03/18/21 20:49	108-60-1	
Pentachlorophenol	ND	ug/kg	857	420	1	03/18/21 10:18	03/18/21 20:49	87-86-5	
Phenanthrene	ND	ug/kg	429	140	1	03/18/21 10:18	03/18/21 20:49	85-01-8	
Phenol	ND	ug/kg	429	191	1	03/18/21 10:18	03/18/21 20:49	108-95-2	
Pyrene	ND	ug/kg	429	174	1	03/18/21 10:18	03/18/21 20:49	129-00-0	
Pyridine	ND	ug/kg	429	135	1	03/18/21 10:18	03/18/21 20:49	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	429	196	1	03/18/21 10:18	03/18/21 20:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	429	177	1	03/18/21 10:18	03/18/21 20:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	21-130		1	03/18/21 10:18	03/18/21 20:49	4165-60-0	
2-Fluorobiphenyl (S)	39	%	19-130		1	03/18/21 10:18	03/18/21 20:49	321-60-8	
Terphenyl-d14 (S)	65	%	15-130		1	03/18/21 10:18	03/18/21 20:49	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 20:49	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 20:49	367-12-4	
2,4,6-Tribromophenol (S)	63	%	18-130		1	03/18/21 10:18	03/18/21 20:49	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**97.3J**	ug/kg	146	46.8	1	03/19/21 12:09	03/19/21 23:03	67-64-1	
Benzene	ND	ug/kg	7.3	2.9	1	03/19/21 12:09	03/19/21 23:03	71-43-2	
Bromobenzene	ND	ug/kg	7.3	2.4	1	03/19/21 12:09	03/19/21 23:03	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	2.2	1	03/19/21 12:09	03/19/21 23:03	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	2.8	1	03/19/21 12:09	03/19/21 23:03	75-27-4	
Bromoform	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	75-25-2	
Bromomethane	ND	ug/kg	14.6	11.5	1	03/19/21 12:09	03/19/21 23:03	74-83-9	v1
2-Butanone (MEK)	**47.6J**	ug/kg	146	35.0	1	03/19/21 12:09	03/19/21 23:03	78-93-3	
n-Butylbenzene	ND	ug/kg	7.3	3.4	1	03/19/21 12:09	03/19/21 23:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	3.2	1	03/19/21 12:09	03/19/21 23:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	2.7	1	03/19/21 12:09	03/19/21 23:03	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1.4	1	03/19/21 12:09	03/19/21 23:03	108-90-7	
Chloroethane	ND	ug/kg	14.6	5.6	1	03/19/21 12:09	03/19/21 23:03	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 **Lab ID: 92528353001** Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	7.3	4.4	1	03/19/21 12:09	03/19/21 23:03	67-66-3	
Chloromethane	ND	ug/kg	14.6	6.1	1	03/19/21 12:09	03/19/21 23:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1.3	1	03/19/21 12:09	03/19/21 23:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	2.8	1	03/19/21 12:09	03/19/21 23:03	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	4.1	1	03/19/21 12:09	03/19/21 23:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	3.2	1	03/19/21 12:09	03/19/21 23:03	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1.6	1	03/19/21 12:09	03/19/21 23:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	2.3	1	03/19/21 12:09	03/19/21 23:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.6	3.2	1	03/19/21 12:09	03/19/21 23:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.3	3.0	1	03/19/21 12:09	03/19/21 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	4.8	1	03/19/21 12:09	03/19/21 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	3.0	1	03/19/21 12:09	03/19/21 23:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	2.2	1	03/19/21 12:09	03/19/21 23:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	2.3	1	03/19/21 12:09	03/19/21 23:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	2.4	1	03/19/21 12:09	03/19/21 23:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.3	3.5	1	03/19/21 12:09	03/19/21 23:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	2.0	1	03/19/21 12:09	03/19/21 23:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.3	2.0	1	03/19/21 12:09	03/19/21 23:03	108-20-3	
Ethylbenzene	ND	ug/kg	7.3	3.4	1	03/19/21 12:09	03/19/21 23:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.6	11.9	1	03/19/21 12:09	03/19/21 23:03	87-68-3	
2-Hexanone	ND	ug/kg	72.9	7.0	1	03/19/21 12:09	03/19/21 23:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.3	3.6	1	03/19/21 12:09	03/19/21 23:03	99-87-6	
Methylene Chloride	ND	ug/kg	29.2	20.0	1	03/19/21 12:09	03/19/21 23:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.9	7.0	1	03/19/21 12:09	03/19/21 23:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.3	2.7	1	03/19/21 12:09	03/19/21 23:03	1634-04-4	
Naphthalene	**6.4J**	ug/kg	7.3	3.8	1	03/19/21 12:09	03/19/21 23:03	91-20-3	
n-Propylbenzene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	103-65-1	
Styrene	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	2.8	1	03/19/21 12:09	03/19/21 23:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	2.3	1	03/19/21 12:09	03/19/21 23:03	127-18-4	
Toluene	**5.7J**	ug/kg	7.3	2.1	1	03/19/21 12:09	03/19/21 23:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	5.9	1	03/19/21 12:09	03/19/21 23:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	6.1	1	03/19/21 12:09	03/19/21 23:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	3.8	1	03/19/21 12:09	03/19/21 23:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.3	2.4	1	03/19/21 12:09	03/19/21 23:03	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 **Lab ID: 92528353001** Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	4.0	1	03/19/21 12:09	03/19/21 23:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	3.7	1	03/19/21 12:09	03/19/21 23:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	2.0	1	03/19/21 12:09	03/19/21 23:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	108-67-8	
Vinyl acetate	ND	ug/kg	72.9	5.3	1	03/19/21 12:09	03/19/21 23:03	108-05-4	
Vinyl chloride	ND	ug/kg	14.6	3.7	1	03/19/21 12:09	03/19/21 23:03	75-01-4	
Xylene (Total)	ND	ug/kg	14.6	4.2	1	03/19/21 12:09	03/19/21 23:03	1330-20-7	
m&p-Xylene	ND	ug/kg	14.6	5.0	1	03/19/21 12:09	03/19/21 23:03	179601-23-1	
o-Xylene	ND	ug/kg	7.3	3.2	1	03/19/21 12:09	03/19/21 23:03	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/19/21 12:09	03/19/21 23:03	2037-26-5	
4-Bromofluorobenzene (S)	93	%	69-134		1	03/19/21 12:09	03/19/21 23:03	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1	03/19/21 12:09	03/19/21 23:03	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**22.0**	%	0.10	0.10	1		03/18/21 15:17		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID: 92528353002** Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	83-32-9	
Acenaphthylene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	208-96-8	
Aniline	ND	ug/kg	420	164	1	03/18/21 10:18	03/18/21 21:17	62-53-3	
Anthracene	ND	ug/kg	420	138	1	03/18/21 10:18	03/18/21 21:17	120-12-7	
Benzo(a)anthracene	ND	ug/kg	420	140	1	03/18/21 10:18	03/18/21 21:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	420	140	1	03/18/21 10:18	03/18/21 21:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	420	163	1	03/18/21 10:18	03/18/21 21:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	207-08-9	
Benzoic Acid	ND	ug/kg	2100	903	1	03/18/21 10:18	03/18/21 21:17	65-85-0	
Benzyl alcohol	ND	ug/kg	841	318	1	03/18/21 10:18	03/18/21 21:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	420	162	1	03/18/21 10:18	03/18/21 21:17	101-55-3	
Butylbenzylphthalate	ND	ug/kg	420	177	1	03/18/21 10:18	03/18/21 21:17	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	841	296	1	03/18/21 10:18	03/18/21 21:17	59-50-7	
4-Chloroaniline	ND	ug/kg	841	330	1	03/18/21 10:18	03/18/21 21:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	420	175	1	03/18/21 10:18	03/18/21 21:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	420	158	1	03/18/21 10:18	03/18/21 21:17	111-44-4	
2-Chloronaphthalene	ND	ug/kg	420	167	1	03/18/21 10:18	03/18/21 21:17	91-58-7	
2-Chlorophenol	ND	ug/kg	420	158	1	03/18/21 10:18	03/18/21 21:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	420	157	1	03/18/21 10:18	03/18/21 21:17	7005-72-3	
Chrysene	ND	ug/kg	420	153	1	03/18/21 10:18	03/18/21 21:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	420	162	1	03/18/21 10:18	03/18/21 21:17	53-70-3	
Dibenzofuran	ND	ug/kg	420	152	1	03/18/21 10:18	03/18/21 21:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	841	284	1	03/18/21 10:18	03/18/21 21:17	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	420	164	1	03/18/21 10:18	03/18/21 21:17	120-83-2	
Diethylphthalate	ND	ug/kg	420	154	1	03/18/21 10:18	03/18/21 21:17	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	420	175	1	03/18/21 10:18	03/18/21 21:17	105-67-9	
Dimethylphthalate	ND	ug/kg	420	153	1	03/18/21 10:18	03/18/21 21:17	131-11-3	
Di-n-butylphthalate	ND	ug/kg	420	141	1	03/18/21 10:18	03/18/21 21:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	841	392	1	03/18/21 10:18	03/18/21 21:17	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1300	1	03/18/21 10:18	03/18/21 21:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	420	162	1	03/18/21 10:18	03/18/21 21:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	420	154	1	03/18/21 10:18	03/18/21 21:17	606-20-2	
Di-n-octylphthalate	ND	ug/kg	420	166	1	03/18/21 10:18	03/18/21 21:17	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	420	163	1	03/18/21 10:18	03/18/21 21:17	117-81-7	v1
Fluoranthene	ND	ug/kg	420	144	1	03/18/21 10:18	03/18/21 21:17	206-44-0	
Fluorene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	86-73-7	
Hexachlorobenzene	ND	ug/kg	420	164	1	03/18/21 10:18	03/18/21 21:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	420	241	1	03/18/21 10:18	03/18/21 21:17	77-47-4	
Hexachloroethane	ND	ug/kg	420	160	1	03/18/21 10:18	03/18/21 21:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420	166	1	03/18/21 10:18	03/18/21 21:17	193-39-5	
Isophorone	ND	ug/kg	420	187	1	03/18/21 10:18	03/18/21 21:17	78-59-1	
1-Methylnaphthalene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	90-12-0	
2-Methylnaphthalene	ND	ug/kg	420	168	1	03/18/21 10:18	03/18/21 21:17	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID: 92528353002** Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	420	172	1	03/18/21 10:18	03/18/21 21:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	420	169	1	03/18/21 10:18	03/18/21 21:17	15831-10-4	
2-Nitroaniline	ND	ug/kg	2100	344	1	03/18/21 10:18	03/18/21 21:17	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	330	1	03/18/21 10:18	03/18/21 21:17	99-09-2	
4-Nitroaniline	ND	ug/kg	841	320	1	03/18/21 10:18	03/18/21 21:17	100-01-6	
Nitrobenzene	ND	ug/kg	420	195	1	03/18/21 10:18	03/18/21 21:17	98-95-3	
2-Nitrophenol	ND	ug/kg	420	182	1	03/18/21 10:18	03/18/21 21:17	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	813	1	03/18/21 10:18	03/18/21 21:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	420	141	1	03/18/21 10:18	03/18/21 21:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	420	158	1	03/18/21 10:18	03/18/21 21:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	420	149	1	03/18/21 10:18	03/18/21 21:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	420	200	1	03/18/21 10:18	03/18/21 21:17	108-60-1	
Pentachlorophenol	ND	ug/kg	841	411	1	03/18/21 10:18	03/18/21 21:17	87-86-5	
Phenanthrene	ND	ug/kg	420	138	1	03/18/21 10:18	03/18/21 21:17	85-01-8	
Phenol	ND	ug/kg	420	187	1	03/18/21 10:18	03/18/21 21:17	108-95-2	
Pyrene	ND	ug/kg	420	171	1	03/18/21 10:18	03/18/21 21:17	129-00-0	
Pyridine	ND	ug/kg	420	132	1	03/18/21 10:18	03/18/21 21:17	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	420	192	1	03/18/21 10:18	03/18/21 21:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	420	173	1	03/18/21 10:18	03/18/21 21:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	21-130		1	03/18/21 10:18	03/18/21 21:17	4165-60-0	
2-Fluorobiphenyl (S)	27	%	19-130		1	03/18/21 10:18	03/18/21 21:17	321-60-8	
Terphenyl-d14 (S)	32	%	15-130		1	03/18/21 10:18	03/18/21 21:17	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:17	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:17	367-12-4	
2,4,6-Tribromophenol (S)	54	%	18-130		1	03/18/21 10:18	03/18/21 21:17	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	337	108	1	03/18/21 12:56	03/19/21 01:02	67-64-1	
Benzene	ND	ug/kg	16.9	6.7	1	03/18/21 12:56	03/19/21 01:02	71-43-2	
Bromobenzene	ND	ug/kg	16.9	5.5	1	03/18/21 12:56	03/19/21 01:02	108-86-1	
Bromochloromethane	ND	ug/kg	16.9	5.0	1	03/18/21 12:56	03/19/21 01:02	74-97-5	
Bromodichloromethane	ND	ug/kg	16.9	6.5	1	03/18/21 12:56	03/19/21 01:02	75-27-4	
Bromoform	ND	ug/kg	16.9	5.9	1	03/18/21 12:56	03/19/21 01:02	75-25-2	
Bromomethane	ND	ug/kg	33.7	26.6	1	03/18/21 12:56	03/19/21 01:02	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	337	80.9	1	03/18/21 12:56	03/19/21 01:02	78-93-3	
n-Butylbenzene	ND	ug/kg	16.9	8.0	1	03/18/21 12:56	03/19/21 01:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.9	7.4	1	03/18/21 12:56	03/19/21 01:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.9	6.0	1	03/18/21 12:56	03/19/21 01:02	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	16.9	6.3	1	03/18/21 12:56	03/19/21 01:02	56-23-5	
Chlorobenzene	ND	ug/kg	16.9	3.2	1	03/18/21 12:56	03/19/21 01:02	108-90-7	
Chloroethane	ND	ug/kg	33.7	13.0	1	03/18/21 12:56	03/19/21 01:02	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID: 92528353002** Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	16.9	10.2	1	03/18/21 12:56	03/19/21 01:02	67-66-3	
Chloromethane	ND	ug/kg	33.7	14.2	1	03/18/21 12:56	03/19/21 01:02	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	16.9	6.0	1	03/18/21 12:56	03/19/21 01:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	16.9	3.0	1	03/18/21 12:56	03/19/21 01:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.9	6.5	1	03/18/21 12:56	03/19/21 01:02	96-12-8	
Dibromochloromethane	ND	ug/kg	16.9	9.5	1	03/18/21 12:56	03/19/21 01:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.9	7.4	1	03/18/21 12:56	03/19/21 01:02	106-93-4	
Dibromomethane	ND	ug/kg	16.9	3.6	1	03/18/21 12:56	03/19/21 01:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.9	6.1	1	03/18/21 12:56	03/19/21 01:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.9	5.2	1	03/18/21 12:56	03/19/21 01:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.9	4.4	1	03/18/21 12:56	03/19/21 01:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	33.7	7.3	1	03/18/21 12:56	03/19/21 01:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	16.9	6.9	1	03/18/21 12:56	03/19/21 01:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.9	11.2	1	03/18/21 12:56	03/19/21 01:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.9	6.9	1	03/18/21 12:56	03/19/21 01:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.9	5.8	1	03/18/21 12:56	03/19/21 01:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.9	5.9	1	03/18/21 12:56	03/19/21 01:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.9	5.1	1	03/18/21 12:56	03/19/21 01:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.9	5.3	1	03/18/21 12:56	03/19/21 01:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.9	5.5	1	03/18/21 12:56	03/19/21 01:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	16.9	8.1	1	03/18/21 12:56	03/19/21 01:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	16.9	4.6	1	03/18/21 12:56	03/19/21 01:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.9	5.8	1	03/18/21 12:56	03/19/21 01:02	10061-02-6	
Diisopropyl ether	ND	ug/kg	16.9	4.6	1	03/18/21 12:56	03/19/21 01:02	108-20-3	
Ethylbenzene	**9.2J**	ug/kg	16.9	7.9	1	03/18/21 12:56	03/19/21 01:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	33.7	27.6	1	03/18/21 12:56	03/19/21 01:02	87-68-3	IK
2-Hexanone	ND	ug/kg	169	16.3	1	03/18/21 12:56	03/19/21 01:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	16.9	5.7	1	03/18/21 12:56	03/19/21 01:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	16.9	8.3	1	03/18/21 12:56	03/19/21 01:02	99-87-6	
Methylene Chloride	ND	ug/kg	67.4	46.2	1	03/18/21 12:56	03/19/21 01:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	169	16.3	1	03/18/21 12:56	03/19/21 01:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	16.9	6.3	1	03/18/21 12:56	03/19/21 01:02	1634-04-4	
Naphthalene	ND	ug/kg	16.9	8.9	1	03/18/21 12:56	03/19/21 01:02	91-20-3	
n-Propylbenzene	ND	ug/kg	16.9	6.0	1	03/18/21 12:56	03/19/21 01:02	103-65-1	
Styrene	ND	ug/kg	16.9	4.5	1	03/18/21 12:56	03/19/21 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.9	6.5	1	03/18/21 12:56	03/19/21 01:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.9	4.5	1	03/18/21 12:56	03/19/21 01:02	79-34-5	
Tetrachloroethene	ND	ug/kg	16.9	5.3	1	03/18/21 12:56	03/19/21 01:02	127-18-4	
Toluene	ND	ug/kg	16.9	4.8	1	03/18/21 12:56	03/19/21 01:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.9	13.6	1	03/18/21 12:56	03/19/21 01:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.9	14.2	1	03/18/21 12:56	03/19/21 01:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.9	8.8	1	03/18/21 12:56	03/19/21 01:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	16.9	5.6	1	03/18/21 12:56	03/19/21 01:02	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID: 92528353002** Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	16.9	4.3	1	03/18/21 12:56	03/19/21 01:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.9	9.3	1	03/18/21 12:56	03/19/21 01:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.9	8.5	1	03/18/21 12:56	03/19/21 01:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	16.9	4.6	1	03/18/21 12:56	03/19/21 01:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	16.9	5.7	1	03/18/21 12:56	03/19/21 01:02	108-67-8	
Vinyl acetate	ND	ug/kg	169	12.3	1	03/18/21 12:56	03/19/21 01:02	108-05-4	
Vinyl chloride	ND	ug/kg	33.7	8.6	1	03/18/21 12:56	03/19/21 01:02	75-01-4	
Xylene (Total)	**89.9**	ug/kg	33.7	9.6	1	03/18/21 12:56	03/19/21 01:02	1330-20-7	
m&p-Xylene	**65.9**	ug/kg	33.7	11.5	1	03/18/21 12:56	03/19/21 01:02	179601-23-1	
o-Xylene	**24.0**	ug/kg	16.9	7.5	1	03/18/21 12:56	03/19/21 01:02	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/18/21 12:56	03/19/21 01:02	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/18/21 12:56	03/19/21 01:02	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/18/21 12:56	03/19/21 01:02	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**22.3**	%	0.10	0.10	1		03/18/21 15:17		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID: 92528353003** Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	83-32-9	
Acenaphthylene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	208-96-8	
Aniline	ND	ug/kg	383	150	1	03/18/21 10:18	03/18/21 21:45	62-53-3	
Anthracene	ND	ug/kg	383	125	1	03/18/21 10:18	03/18/21 21:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	383	128	1	03/18/21 10:18	03/18/21 21:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	383	128	1	03/18/21 10:18	03/18/21 21:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	383	149	1	03/18/21 10:18	03/18/21 21:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	207-08-9	
Benzoic Acid	ND	ug/kg	1910	823	1	03/18/21 10:18	03/18/21 21:45	65-85-0	
Benzyl alcohol	ND	ug/kg	766	290	1	03/18/21 10:18	03/18/21 21:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	383	147	1	03/18/21 10:18	03/18/21 21:45	101-55-3	
Butylbenzylphthalate	ND	ug/kg	383	161	1	03/18/21 10:18	03/18/21 21:45	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	766	269	1	03/18/21 10:18	03/18/21 21:45	59-50-7	
4-Chloroaniline	ND	ug/kg	766	300	1	03/18/21 10:18	03/18/21 21:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	383	159	1	03/18/21 10:18	03/18/21 21:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	383	144	1	03/18/21 10:18	03/18/21 21:45	111-44-4	
2-Chloronaphthalene	ND	ug/kg	383	152	1	03/18/21 10:18	03/18/21 21:45	91-58-7	
2-Chlorophenol	ND	ug/kg	383	144	1	03/18/21 10:18	03/18/21 21:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	383	143	1	03/18/21 10:18	03/18/21 21:45	7005-72-3	
Chrysene	ND	ug/kg	383	139	1	03/18/21 10:18	03/18/21 21:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	383	147	1	03/18/21 10:18	03/18/21 21:45	53-70-3	
Dibenzofuran	ND	ug/kg	383	138	1	03/18/21 10:18	03/18/21 21:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	766	259	1	03/18/21 10:18	03/18/21 21:45	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	383	150	1	03/18/21 10:18	03/18/21 21:45	120-83-2	
Diethylphthalate	ND	ug/kg	383	140	1	03/18/21 10:18	03/18/21 21:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	383	159	1	03/18/21 10:18	03/18/21 21:45	105-67-9	
Dimethylphthalate	ND	ug/kg	383	139	1	03/18/21 10:18	03/18/21 21:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	383	129	1	03/18/21 10:18	03/18/21 21:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	766	357	1	03/18/21 10:18	03/18/21 21:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	1180	1	03/18/21 10:18	03/18/21 21:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	383	147	1	03/18/21 10:18	03/18/21 21:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	383	140	1	03/18/21 10:18	03/18/21 21:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	383	151	1	03/18/21 10:18	03/18/21 21:45	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	383	149	1	03/18/21 10:18	03/18/21 21:45	117-81-7	v1
Fluoranthene	ND	ug/kg	383	131	1	03/18/21 10:18	03/18/21 21:45	206-44-0	
Fluorene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	86-73-7	
Hexachlorobenzene	ND	ug/kg	383	150	1	03/18/21 10:18	03/18/21 21:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	383	219	1	03/18/21 10:18	03/18/21 21:45	77-47-4	
Hexachloroethane	ND	ug/kg	383	146	1	03/18/21 10:18	03/18/21 21:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	383	151	1	03/18/21 10:18	03/18/21 21:45	193-39-5	
Isophorone	ND	ug/kg	383	171	1	03/18/21 10:18	03/18/21 21:45	78-59-1	
1-Methylnaphthalene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	90-12-0	
2-Methylnaphthalene	ND	ug/kg	383	153	1	03/18/21 10:18	03/18/21 21:45	91-57-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID: 92528353003** Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	383	157	1	03/18/21 10:18	03/18/21 21:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	383	154	1	03/18/21 10:18	03/18/21 21:45	15831-10-4	
2-Nitroaniline	ND	ug/kg	1910	313	1	03/18/21 10:18	03/18/21 21:45	88-74-4	
3-Nitroaniline	ND	ug/kg	1910	300	1	03/18/21 10:18	03/18/21 21:45	99-09-2	
4-Nitroaniline	ND	ug/kg	766	291	1	03/18/21 10:18	03/18/21 21:45	100-01-6	
Nitrobenzene	ND	ug/kg	383	178	1	03/18/21 10:18	03/18/21 21:45	98-95-3	
2-Nitrophenol	ND	ug/kg	383	166	1	03/18/21 10:18	03/18/21 21:45	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	740	1	03/18/21 10:18	03/18/21 21:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	383	129	1	03/18/21 10:18	03/18/21 21:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	383	144	1	03/18/21 10:18	03/18/21 21:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	383	136	1	03/18/21 10:18	03/18/21 21:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	383	182	1	03/18/21 10:18	03/18/21 21:45	108-60-1	
Pentachlorophenol	ND	ug/kg	766	375	1	03/18/21 10:18	03/18/21 21:45	87-86-5	
Phenanthrene	ND	ug/kg	383	125	1	03/18/21 10:18	03/18/21 21:45	85-01-8	
Phenol	ND	ug/kg	383	171	1	03/18/21 10:18	03/18/21 21:45	108-95-2	
Pyrene	ND	ug/kg	383	155	1	03/18/21 10:18	03/18/21 21:45	129-00-0	
Pyridine	ND	ug/kg	383	121	1	03/18/21 10:18	03/18/21 21:45	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	383	175	1	03/18/21 10:18	03/18/21 21:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	383	158	1	03/18/21 10:18	03/18/21 21:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	21-130		1	03/18/21 10:18	03/18/21 21:45	4165-60-0	
2-Fluorobiphenyl (S)	61	%	19-130		1	03/18/21 10:18	03/18/21 21:45	321-60-8	
Terphenyl-d14 (S)	86	%	15-130		1	03/18/21 10:18	03/18/21 21:45	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:45	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:45	367-12-4	
2,4,6-Tribromophenol (S)	56	%	18-130		1	03/18/21 10:18	03/18/21 21:45	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	131	42.1	1	03/18/21 12:56	03/19/21 01:55	67-64-1	
Benzene	ND	ug/kg	6.6	2.6	1	03/18/21 12:56	03/19/21 01:55	71-43-2	
Bromobenzene	ND	ug/kg	6.6	2.1	1	03/18/21 12:56	03/19/21 01:55	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	1.9	1	03/18/21 12:56	03/19/21 01:55	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	75-27-4	
Bromoform	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	75-25-2	
Bromomethane	ND	ug/kg	13.1	10.4	1	03/18/21 12:56	03/19/21 01:55	74-83-9	L1
2-Butanone (MEK)	ND	ug/kg	131	31.5	1	03/18/21 12:56	03/19/21 01:55	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	3.1	1	03/18/21 12:56	03/19/21 01:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	2.9	1	03/18/21 12:56	03/19/21 01:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1.3	1	03/18/21 12:56	03/19/21 01:55	108-90-7	
Chloroethane	ND	ug/kg	13.1	5.1	1	03/18/21 12:56	03/19/21 01:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID: 92528353003** Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	6.6	4.0	1	03/18/21 12:56	03/19/21 01:55	67-66-3	
Chloromethane	ND	ug/kg	13.1	5.5	1	03/18/21 12:56	03/19/21 01:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	1.2	1	03/18/21 12:56	03/19/21 01:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	3.7	1	03/18/21 12:56	03/19/21 01:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	2.9	1	03/18/21 12:56	03/19/21 01:55	106-93-4	
Dibromomethane	ND	ug/kg	6.6	1.4	1	03/18/21 12:56	03/19/21 01:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	2.4	1	03/18/21 12:56	03/19/21 01:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	2.0	1	03/18/21 12:56	03/19/21 01:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.1	2.8	1	03/18/21 12:56	03/19/21 01:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	2.7	1	03/18/21 12:56	03/19/21 01:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	4.3	1	03/18/21 12:56	03/19/21 01:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.6	2.7	1	03/18/21 12:56	03/19/21 01:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	2.0	1	03/18/21 12:56	03/19/21 01:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	2.0	1	03/18/21 12:56	03/19/21 01:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	2.1	1	03/18/21 12:56	03/19/21 01:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	3.2	1	03/18/21 12:56	03/19/21 01:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1.8	1	03/18/21 12:56	03/19/21 01:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.6	1.8	1	03/18/21 12:56	03/19/21 01:55	108-20-3	
Ethylbenzene	ND	ug/kg	6.6	3.1	1	03/18/21 12:56	03/19/21 01:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.1	10.7	1	03/18/21 12:56	03/19/21 01:55	87-68-3	
2-Hexanone	ND	ug/kg	65.6	6.3	1	03/18/21 12:56	03/19/21 01:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	3.2	1	03/18/21 12:56	03/19/21 01:55	99-87-6	
Methylene Chloride	ND	ug/kg	26.3	18.0	1	03/18/21 12:56	03/19/21 01:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	65.6	6.3	1	03/18/21 12:56	03/19/21 01:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	1634-04-4	
Naphthalene	ND	ug/kg	6.6	3.5	1	03/18/21 12:56	03/19/21 01:55	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	103-65-1	
Styrene	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	2.1	1	03/18/21 12:56	03/19/21 01:55	127-18-4	
Toluene	**14.1**	ug/kg	6.6	1.9	1	03/18/21 12:56	03/19/21 01:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	5.3	1	03/18/21 12:56	03/19/21 01:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	5.5	1	03/18/21 12:56	03/19/21 01:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	3.4	1	03/18/21 12:56	03/19/21 01:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	79-00-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID: 92528353003** Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
	Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	3.6	1	03/18/21 12:56	03/19/21 01:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	3.3	1	03/18/21 12:56	03/19/21 01:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1.8	1	03/18/21 12:56	03/19/21 01:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	108-67-8	
Vinyl acetate	ND	ug/kg	65.6	4.8	1	03/18/21 12:56	03/19/21 01:55	108-05-4	
Vinyl chloride	ND	ug/kg	13.1	3.3	1	03/18/21 12:56	03/19/21 01:55	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	3.7	1	03/18/21 12:56	03/19/21 01:55	1330-20-7	
m&p-Xylene	ND	ug/kg	13.1	4.5	1	03/18/21 12:56	03/19/21 01:55	179601-23-1	
o-Xylene	ND	ug/kg	6.6	2.9	1	03/18/21 12:56	03/19/21 01:55	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/18/21 12:56	03/19/21 01:55	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/18/21 12:56	03/19/21 01:55	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	03/18/21 12:56	03/19/21 01:55	17060-07-0	
Percent Moisture	Analytical Method: SW-846								
	Pace Analytical Services - Charlotte								
Percent Moisture	**13.2**	%	0.10	0.10	1		03/18/21 15:17		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID: 92528353004** Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	83-32-9	
Acenaphthylene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	208-96-8	
Aniline	ND	ug/kg	408	160	1	03/18/21 10:18	03/18/21 22:13	62-53-3	
Anthracene	ND	ug/kg	408	134	1	03/18/21 10:18	03/18/21 22:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	408	136	1	03/18/21 10:18	03/18/21 22:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	408	136	1	03/18/21 10:18	03/18/21 22:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	408	158	1	03/18/21 10:18	03/18/21 22:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	207-08-9	
Benzoic Acid	ND	ug/kg	2040	877	1	03/18/21 10:18	03/18/21 22:13	65-85-0	
Benzyl alcohol	ND	ug/kg	816	309	1	03/18/21 10:18	03/18/21 22:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	408	157	1	03/18/21 10:18	03/18/21 22:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	408	172	1	03/18/21 10:18	03/18/21 22:13	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	816	287	1	03/18/21 10:18	03/18/21 22:13	59-50-7	
4-Chloroaniline	ND	ug/kg	816	320	1	03/18/21 10:18	03/18/21 22:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	408	169	1	03/18/21 10:18	03/18/21 22:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	408	153	1	03/18/21 10:18	03/18/21 22:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	408	162	1	03/18/21 10:18	03/18/21 22:13	91-58-7	
2-Chlorophenol	ND	ug/kg	408	153	1	03/18/21 10:18	03/18/21 22:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	408	152	1	03/18/21 10:18	03/18/21 22:13	7005-72-3	
Chrysene	ND	ug/kg	408	148	1	03/18/21 10:18	03/18/21 22:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	408	157	1	03/18/21 10:18	03/18/21 22:13	53-70-3	
Dibenzofuran	ND	ug/kg	408	147	1	03/18/21 10:18	03/18/21 22:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	816	276	1	03/18/21 10:18	03/18/21 22:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	408	160	1	03/18/21 10:18	03/18/21 22:13	120-83-2	
Diethylphthalate	ND	ug/kg	408	150	1	03/18/21 10:18	03/18/21 22:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	408	169	1	03/18/21 10:18	03/18/21 22:13	105-67-9	
Dimethylphthalate	ND	ug/kg	408	148	1	03/18/21 10:18	03/18/21 22:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	408	137	1	03/18/21 10:18	03/18/21 22:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	816	381	1	03/18/21 10:18	03/18/21 22:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2040	1260	1	03/18/21 10:18	03/18/21 22:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	408	157	1	03/18/21 10:18	03/18/21 22:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	408	150	1	03/18/21 10:18	03/18/21 22:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	408	161	1	03/18/21 10:18	03/18/21 22:13	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	408	158	1	03/18/21 10:18	03/18/21 22:13	117-81-7	v1
Fluoranthene	ND	ug/kg	408	140	1	03/18/21 10:18	03/18/21 22:13	206-44-0	
Fluorene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	408	160	1	03/18/21 10:18	03/18/21 22:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	408	234	1	03/18/21 10:18	03/18/21 22:13	77-47-4	
Hexachloroethane	ND	ug/kg	408	156	1	03/18/21 10:18	03/18/21 22:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	408	161	1	03/18/21 10:18	03/18/21 22:13	193-39-5	
Isophorone	ND	ug/kg	408	182	1	03/18/21 10:18	03/18/21 22:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	408	163	1	03/18/21 10:18	03/18/21 22:13	91-57-6	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID: 92528353004** Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2-Methylphenol(o-Cresol)	ND	ug/kg	408	167	1	03/18/21 10:18	03/18/21 22:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	408	165	1	03/18/21 10:18	03/18/21 22:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2040	334	1	03/18/21 10:18	03/18/21 22:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2040	320	1	03/18/21 10:18	03/18/21 22:13	99-09-2	
4-Nitroaniline	ND	ug/kg	816	310	1	03/18/21 10:18	03/18/21 22:13	100-01-6	
Nitrobenzene	ND	ug/kg	408	189	1	03/18/21 10:18	03/18/21 22:13	98-95-3	
2-Nitrophenol	ND	ug/kg	408	177	1	03/18/21 10:18	03/18/21 22:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2040	789	1	03/18/21 10:18	03/18/21 22:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	408	137	1	03/18/21 10:18	03/18/21 22:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	408	153	1	03/18/21 10:18	03/18/21 22:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	408	145	1	03/18/21 10:18	03/18/21 22:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	408	194	1	03/18/21 10:18	03/18/21 22:13	108-60-1	
Pentachlorophenol	ND	ug/kg	816	400	1	03/18/21 10:18	03/18/21 22:13	87-86-5	
Phenanthrene	ND	ug/kg	408	134	1	03/18/21 10:18	03/18/21 22:13	85-01-8	
Phenol	ND	ug/kg	408	182	1	03/18/21 10:18	03/18/21 22:13	108-95-2	
Pyrene	ND	ug/kg	408	166	1	03/18/21 10:18	03/18/21 22:13	129-00-0	
Pyridine	ND	ug/kg	408	129	1	03/18/21 10:18	03/18/21 22:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	408	187	1	03/18/21 10:18	03/18/21 22:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	408	168	1	03/18/21 10:18	03/18/21 22:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	03/18/21 10:18	03/18/21 22:13	4165-60-0	
2-Fluorobiphenyl (S)	62	%	19-130		1	03/18/21 10:18	03/18/21 22:13	321-60-8	
Terphenyl-d14 (S)	66	%	15-130		1	03/18/21 10:18	03/18/21 22:13	1718-51-0	
Phenol-d6 (S)	64	%	18-130		1	03/18/21 10:18	03/18/21 22:13	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	03/18/21 10:18	03/18/21 22:13	367-12-4	
2,4,6-Tribromophenol (S)	64	%	18-130		1	03/18/21 10:18	03/18/21 22:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	126	40.6	1	03/18/21 12:56	03/19/21 01:20	67-64-1	
Benzene	ND	ug/kg	6.3	2.5	1	03/18/21 12:56	03/19/21 01:20	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	03/18/21 12:56	03/19/21 01:20	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	75-25-2	
Bromomethane	ND	ug/kg	12.6	10	1	03/18/21 12:56	03/19/21 01:20	74-83-9	L1
2-Butanone (MEK)	ND	ug/kg	126	30.3	1	03/18/21 12:56	03/19/21 01:20	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	03/18/21 12:56	03/19/21 01:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	03/18/21 12:56	03/19/21 01:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.3	1	03/18/21 12:56	03/19/21 01:20	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1.2	1	03/18/21 12:56	03/19/21 01:20	108-90-7	
Chloroethane	ND	ug/kg	12.6	4.9	1	03/18/21 12:56	03/19/21 01:20	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID: 92528353004** Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Chloroform	ND	ug/kg	6.3	3.8	1	03/18/21 12:56	03/19/21 01:20	67-66-3	
Chloromethane	ND	ug/kg	12.6	5.3	1	03/18/21 12:56	03/19/21 01:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	03/18/21 12:56	03/19/21 01:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.5	1	03/18/21 12:56	03/19/21 01:20	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.6	1	03/18/21 12:56	03/19/21 01:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	03/18/21 12:56	03/19/21 01:20	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.4	1	03/18/21 12:56	03/19/21 01:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	03/18/21 12:56	03/19/21 01:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	2.0	1	03/18/21 12:56	03/19/21 01:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	03/18/21 12:56	03/19/21 01:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.6	2.7	1	03/18/21 12:56	03/19/21 01:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	03/18/21 12:56	03/19/21 01:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.2	1	03/18/21 12:56	03/19/21 01:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	03/18/21 12:56	03/19/21 01:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	03/18/21 12:56	03/19/21 01:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/18/21 12:56	03/19/21 01:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	03/18/21 12:56	03/19/21 01:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	108-20-3	
Ethylbenzene	ND	ug/kg	6.3	2.9	1	03/18/21 12:56	03/19/21 01:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.6	10.3	1	03/18/21 12:56	03/19/21 01:20	87-68-3	IK
2-Hexanone	ND	ug/kg	63.2	6.1	1	03/18/21 12:56	03/19/21 01:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	3.1	1	03/18/21 12:56	03/19/21 01:20	99-87-6	
Methylene Chloride	ND	ug/kg	25.3	17.3	1	03/18/21 12:56	03/19/21 01:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	63.2	6.1	1	03/18/21 12:56	03/19/21 01:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	1634-04-4	
Naphthalene	ND	ug/kg	6.3	3.3	1	03/18/21 12:56	03/19/21 01:20	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.3	1	03/18/21 12:56	03/19/21 01:20	103-65-1	
Styrene	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	03/18/21 12:56	03/19/21 01:20	127-18-4	
Toluene	**5.0J**	ug/kg	6.3	1.8	1	03/18/21 12:56	03/19/21 01:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	03/18/21 12:56	03/19/21 01:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	03/18/21 12:56	03/19/21 01:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	03/18/21 12:56	03/19/21 01:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	79-00-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID: 92528353004** Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Trichloroethene	ND	ug/kg	6.3	1.6	1	03/18/21 12:56	03/19/21 01:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	3.5	1	03/18/21 12:56	03/19/21 01:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	03/18/21 12:56	03/19/21 01:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	108-67-8	
Vinyl acetate	ND	ug/kg	63.2	4.6	1	03/18/21 12:56	03/19/21 01:20	108-05-4	
Vinyl chloride	ND	ug/kg	12.6	3.2	1	03/18/21 12:56	03/19/21 01:20	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	3.6	1	03/18/21 12:56	03/19/21 01:20	1330-20-7	
m&p-Xylene	ND	ug/kg	12.6	4.3	1	03/18/21 12:56	03/19/21 01:20	179601-23-1	
o-Xylene	ND	ug/kg	6.3	2.8	1	03/18/21 12:56	03/19/21 01:20	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/18/21 12:56	03/19/21 01:20	2037-26-5	
4-Bromofluorobenzene (S)	93	%	69-134		1	03/18/21 12:56	03/19/21 01:20	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/18/21 12:56	03/19/21 01:20	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**18.9**	%	0.10	0.10	1		03/18/21 15:17		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: TRIP BLANK **Lab ID: 92528353005** Collected: 03/17/21 00:00 Received: 03/17/21 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 13:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 13:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 13:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 13:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 13:48	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 13:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 13:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 13:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 13:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 13:48	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 13:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 13:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 13:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 13:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 13:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 13:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 13:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 13:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 13:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 13:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 13:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 13:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 13:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 13:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:48	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 13:48	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 13:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 13:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 13:48	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 13:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 13:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 13:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 13:48	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 13:48	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 13:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 13:48	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: TRIP BLANK **Lab ID: 92528353005** Collected: 03/17/21 00:00 Received: 03/17/21 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 13:48	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 13:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 13:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 13:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 13:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 13:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 13:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 13:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 13:48	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 13:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 13:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/22/21 13:48	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/22/21 13:48	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/22/21 13:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 608197
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528353005

METHOD BLANK: 3204047 Matrix: Water
Associated Lab Samples: 92528353005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 12:38	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 12:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 12:38	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 12:38	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 12:38	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 12:38	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 12:38	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 12:38	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 12:38	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 12:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 12:38	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 12:38	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 12:38	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 12:38	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 12:38	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 12:38	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 12:38	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 12:38	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 12:38	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 12:38	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 12:38	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 12:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 12:38	
Acetone	ug/L	ND	25.0	5.1	03/22/21 12:38	
Benzene	ug/L	ND	1.0	0.34	03/22/21 12:38	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 12:38	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 12:38	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 12:38	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 12:38	IK
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 12:38	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 12:38	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 12:38	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 12:38	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 12:38	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 12:38	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 12:38	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 12:38	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 12:38	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 12:38	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 12:38	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

METHOD BLANK: 3204047 Matrix: Water
Associated Lab Samples: 92528353005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 12:38	
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 12:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 12:38	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 12:38	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 12:38	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 12:38	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 12:38	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 12:38	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 12:38	
Styrene	ug/L	ND	1.0	0.29	03/22/21 12:38	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 12:38	
Toluene	ug/L	ND	1.0	0.48	03/22/21 12:38	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 12:38	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 12:38	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 12:38	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 12:38	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 12:38	
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 12:38	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 12:38	
1,2-Dichloroethane-d4 (S)	%	103	70-130		03/22/21 12:38	
4-Bromofluorobenzene (S)	%	103	70-130		03/22/21 12:38	
Toluene-d8 (S)	%	104	70-130		03/22/21 12:38	

LABORATORY CONTROL SAMPLE: 3204048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.3	97	70-130	
1,1,2-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1-Dichloroethane	ug/L	50	44.8	90	70-130	
1,1-Dichloroethene	ug/L	50	46.3	93	70-130	
1,1-Dichloropropene	ug/L	50	46.0	92	70-130	
1,2,3-Trichlorobenzene	ug/L	50	47.9	96	70-130	
1,2,3-Trichloropropane	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.3	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dichloroethane	ug/L	50	48.6	97	70-130	
1,2-Dichloropropane	ug/L	50	47.5	95	70-130	
1,3-Dichlorobenzene	ug/L	50	45.9	92	70-130	
1,3-Dichloropropane	ug/L	50	47.2	94	70-130	
1,4-Dichlorobenzene	ug/L	50	46.3	93	70-130	
2,2-Dichloropropane	ug/L	50	47.8	96	70-130	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3204048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	45.6	91	70-130	
2-Hexanone	ug/L	100	108	108	70-130	
4-Chlorotoluene	ug/L	50	45.3	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-130	
Acetone	ug/L	100	106	106	70-130	
Benzene	ug/L	50	45.6	91	70-130	
Bromobenzene	ug/L	50	45.5	91	70-130	
Bromochloromethane	ug/L	50	46.4	93	70-130	
Bromodichloromethane	ug/L	50	48.9	98	70-130	
Bromoform	ug/L	50	44.7	89	70-130	IK
Bromomethane	ug/L	50	36.3	73	70-130	
Carbon tetrachloride	ug/L	50	49.8	100	70-130	
Chlorobenzene	ug/L	50	47.4	95	70-130	
Chloroethane	ug/L	50	37.8	76	70-130	
Chloroform	ug/L	50	45.1	90	70-130	
Chloromethane	ug/L	50	36.6	73	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.6	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Dibromochloromethane	ug/L	50	52.2	104	70-130	
Dibromomethane	ug/L	50	49.9	100	70-130	
Dichlorodifluoromethane	ug/L	50	39.2	78	70-130	
Diisopropyl ether	ug/L	50	46.5	93	70-130	
Ethylbenzene	ug/L	50	46.3	93	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.6	91	70-130	
m&p-Xylene	ug/L	100	92.8	93	70-130	
Methyl-tert-butyl ether	ug/L	50	45.7	91	70-130	
Methylene Chloride	ug/L	50	44.5	89	70-130	
Naphthalene	ug/L	50	47.6	95	70-130	
o-Xylene	ug/L	50	47.7	95	70-130	
p-Isopropyltoluene	ug/L	50	47.5	95	70-130	
Styrene	ug/L	50	47.7	95	70-130	
Tetrachloroethene	ug/L	50	45.6	91	70-130	
Toluene	ug/L	50	47.4	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.4	91	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	39.7	79	70-130	
Vinyl acetate	ug/L	100	117	117	70-130	
Vinyl chloride	ug/L	50	37.3	75	70-130	
Xylene (Total)	ug/L	150	140	94	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204049 3204050

Parameter	Units	92527658007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.8	20.8	104	104	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.6	23.2	123	116	82-143	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.2	104	106	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	110	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.0	21.6	115	108	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.3	23.1	127	115	70-154	9	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.1	23.6	116	118	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.4	20.7	102	104	70-135	1	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.1	21.7	110	109	71-137	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.4	22.1	102	110	73-140	8	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.4	19.0	97	95	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	20.0	102	100	70-133	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.9	22.9	120	114	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.6	21.2	113	106	70-140	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	20.3	99	102	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.4	20.6	107	103	70-143	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	20.6	99	103	70-133	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.8	23.6	119	118	61-148	1	30	
2-Butanone (MEK)	ug/L	ND	40	40	48.0	45.9	120	115	60-139	4	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	20.1	101	101	70-144	1	30	
2-Hexanone	ug/L	ND	40	40	44.5	43.0	111	108	65-138	3	30	
4-Chlorotoluene	ug/L	ND	20	20	19.6	20.0	98	100	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	45.5	43.6	114	109	65-135	4	30	
Acetone	ug/L	ND	40	40	47.3	45.7	118	114	60-148	3	30	
Benzene	ug/L	ND	20	20	22.0	21.1	110	105	70-151	4	30	
Bromobenzene	ug/L	ND	20	20	19.5	19.3	98	97	70-136	1	30	
Bromochloromethane	ug/L	ND	20	20	23.8	22.4	119	112	70-141	6	30	
Bromodichloromethane	ug/L	ND	20	20	22.0	21.0	110	105	70-138	5	30	
Bromoform	ug/L	ND	20	20	17.3	17.6	87	88	63-130	1	30	IK
Bromomethane	ug/L	ND	20	20	20.1	19.1	100	96	15-152	5	30	
Carbon tetrachloride	ug/L	ND	20	20	24.7	23.2	124	116	70-143	6	30	
Chlorobenzene	ug/L	ND	20	20	21.4	20.6	107	103	70-138	3	30	
Chloroethane	ug/L	ND	20	20	23.7	22.5	118	112	52-163	5	30	
Chloroform	ug/L	ND	20	20	23.0	22.5	115	113	70-139	2	30	
Chloromethane	ug/L	ND	20	20	19.0	18.4	95	92	41-139	3	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.4	21.4	112	107	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	21.6	112	108	70-137	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.9	21.3	110	107	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	23.2	22.7	116	113	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	22.2	20.9	111	104	47-155	6	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	20.5	108	103	63-144	5	30	
Ethylbenzene	ug/L	ND	20	20	21.2	20.8	106	104	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	20.5	103	103	65-149	0	30	
m&p-Xylene	ug/L	ND	40	40	41.8	41.5	105	104	69-152	1	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204049 3204050

Parameter	Units	92527658007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	21.7	20.5	108	102	54-156	6	30	
Methylene Chloride	ug/L	ND	20	20	22.4	21.6	112	108	42-159	4	30	
Naphthalene	ug/L	ND	20	20	18.5	19.7	93	98	61-148	6	30	
o-Xylene	ug/L	ND	20	20	21.1	20.9	105	105	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.7	21.2	108	106	70-146	2	30	
Styrene	ug/L	ND	20	20	20.5	20.9	102	104	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	21.7	21.1	109	105	59-143	3	30	
Toluene	ug/L	ND	20	20	22.2	21.3	111	106	59-148	4	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.7	22.7	118	114	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.5	20.9	108	105	70-135	3	30	
Trichloroethene	ug/L	ND	20	20	23.3	22.1	116	110	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	23.8	22.3	119	112	70-148	6	30	
Vinyl acetate	ug/L	ND	40	40	52.7	50.2	132	126	49-151	5	30	
Vinyl chloride	ug/L	ND	20	20	20.2	19.6	101	98	70-156	3	30	
Xylene (Total)	ug/L	ND	60	60	62.9	62.4	105	104	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						104	105	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						100	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 607623
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528353002, 92528353003, 92528353004

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/18/21 17:44	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/18/21 17:44	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/18/21 17:44	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/18/21 17:44	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/18/21 17:44	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/18/21 17:44	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/18/21 17:44	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/18/21 17:44	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
2-Hexanone	ug/kg	ND	50.0	4.8	03/18/21 17:44	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/18/21 17:44	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/18/21 17:44	
Acetone	ug/kg	ND	100	32.1	03/18/21 17:44	
Benzene	ug/kg	ND	5.0	2.0	03/18/21 17:44	
Bromobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Bromoform	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Bromomethane	ug/kg	ND	10.0	7.9	03/18/21 17:44	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/18/21 17:44	
Chloroethane	ug/kg	ND	10.0	3.9	03/18/21 17:44	
Chloroform	ug/kg	ND	5.0	3.0	03/18/21 17:44	
Chloromethane	ug/kg	ND	10.0	4.2	03/18/21 17:44	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/18/21 17:44	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Dibromomethane	ug/kg	ND	5.0	1.1	03/18/21 17:44	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/18/21 17:44	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/18/21 17:44	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/18/21 17:44	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/18/21 17:44	IK
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/18/21 17:44	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/18/21 17:44	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/18/21 17:44	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Naphthalene	ug/kg	ND	5.0	2.6	03/18/21 17:44	
o-Xylene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/18/21 17:44	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
Styrene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	v2
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Toluene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
Trichloroethene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/18/21 17:44	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/18/21 17:44	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/18/21 17:44	
1,2-Dichloroethane-d4 (S)	%	112	70-130		03/18/21 17:44	
4-Bromofluorobenzene (S)	%	92	69-134		03/18/21 17:44	
Toluene-d8 (S)	%	101	70-130		03/18/21 17:44	

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1280	102	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1290	103	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	94	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1320	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1330	106	70-130	
1,2-Dichloroethane	ug/kg	1250	1150	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1300	104	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1280	103	70-130	
2,2-Dichloropropane	ug/kg	1250	1270	101	66-130	
2-Butanone (MEK)	ug/kg	2500	2270	91	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2490	99	70-130	
4-Chlorotoluene	ug/kg	1250	1340	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2420	97	70-130	
Acetone	ug/kg	2500	2310	93	69-130	
Benzene	ug/kg	1250	1260	101	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1320	106	70-130	
Bromodichloromethane	ug/kg	1250	1160	93	69-130	
Bromoform	ug/kg	1250	1360	109	70-130	
Bromomethane	ug/kg	1250	1820	146	52-130	IH,IK,L1,v1
Carbon tetrachloride	ug/kg	1250	1220	98	70-130	
Chlorobenzene	ug/kg	1250	1290	103	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1330	107	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1190	95	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1270	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1340	107	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1370	109	66-130	IK
Isopropylbenzene (Cumene)	ug/kg	1250	1310	105	70-130	
m&p-Xylene	ug/kg	2500	2600	104	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1330	107	67-130	
n-Propylbenzene	ug/kg	1250	1330	107	70-130	
Naphthalene	ug/kg	1250	1200	96	70-130	
o-Xylene	ug/kg	1250	1330	107	70-130	
p-Isopropyltoluene	ug/kg	1250	1300	104	67-130	
sec-Butylbenzene	ug/kg	1250	1280	102	69-130	
Styrene	ug/kg	1250	1350	108	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	923	74	67-130	v2
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1280	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	98	70-130	
Vinyl acetate	ug/kg	2500	2920	117	70-130	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3940	105	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 3200882

Parameter	Units	92528353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1690	1890	112	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1690	1860	110	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1690	1820	108	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1690	1970	117	66-133	
1,1-Dichloroethane	ug/kg	ND	1690	1910	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1690	1950	115	10-158	
1,1-Dichloropropene	ug/kg	ND	1690	1860	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1690	1610	95	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1690	1770	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1690	1710	101	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1690	1890	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1690	1430	85	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1690	1890	112	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1690	2020	120	69-130	
1,2-Dichloroethane	ug/kg	ND	1690	1820	108	59-130	
1,2-Dichloropropane	ug/kg	ND	1690	1990	118	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1690	1880	111	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1690	1890	112	70-130	
1,3-Dichloropropane	ug/kg	ND	1690	1980	118	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1690	1880	111	68-130	
2,2-Dichloropropane	ug/kg	ND	1690	1810	107	32-130	
2-Butanone (MEK)	ug/kg	ND	3370	2940	87	10-136	
2-Chlorotoluene	ug/kg	ND	1690	1930	115	69-141	
2-Hexanone	ug/kg	ND	3370	3140	93	10-144	
4-Chlorotoluene	ug/kg	ND	1690	1970	117	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	3370	3340	99	25-143	
Acetone	ug/kg	ND	3370	2430	72	10-130	
Benzene	ug/kg	ND	1690	1960	116	67-130	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

MATRIX SPIKE SAMPLE: 3200882

Parameter	Units	92528353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	1690	1900	112	70-130	
Bromochloromethane	ug/kg	ND	1690	2100	125	69-134	
Bromodichloromethane	ug/kg	ND	1690	1710	101	64-130	
Bromoform	ug/kg	ND	1690	1780	106	62-130	
Bromomethane	ug/kg	ND	1690	1990	118	20-176	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	1690	1790	106	65-140	
Chlorobenzene	ug/kg	ND	1690	1950	116	70-130	
Chloroethane	ug/kg	ND	1690	713	42	10-130	
Chloroform	ug/kg	ND	1690	1940	115	63-130	
Chloromethane	ug/kg	ND	1690	2290	136	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1690	1880	112	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1690	1860	110	67-130	
Dibromochloromethane	ug/kg	ND	1690	1860	110	67-130	
Dibromomethane	ug/kg	ND	1690	1890	112	63-131	
Dichlorodifluoromethane	ug/kg	ND	1690	2000	118	44-180	
Diisopropyl ether	ug/kg	ND	1690	1850	110	63-130	
Ethylbenzene	ug/kg	9.2J	1690	2030	120	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1690	1920	114	64-150	IK
Isopropylbenzene (Cumene)	ug/kg	ND	1690	1920	114	69-135	
m&p-Xylene	ug/kg	65.9	3370	3890	113	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1690	1800	106	65-130	
Methylene Chloride	ug/kg	ND	1690	1990	118	61-130	
n-Butylbenzene	ug/kg	ND	1690	1880	111	65-140	
n-Propylbenzene	ug/kg	ND	1690	1960	116	67-140	
Naphthalene	ug/kg	ND	1690	1460	86	15-145	
o-Xylene	ug/kg	24.0	1690	1950	114	66-133	
p-Isopropyltoluene	ug/kg	ND	1690	1870	111	56-147	
sec-Butylbenzene	ug/kg	ND	1690	1900	113	65-139	
Styrene	ug/kg	ND	1690	1990	118	70-132	
tert-Butylbenzene	ug/kg	ND	1690	1400	83	62-135	v2
Tetrachloroethene	ug/kg	ND	1690	1840	109	70-135	
Toluene	ug/kg	ND	1690	1810	107	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1690	2000	119	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1690	1750	104	62-130	
Trichloroethene	ug/kg	ND	1690	1990	118	70-135	
Trichlorofluoromethane	ug/kg	ND	1690	800	47	10-130	
Vinyl acetate	ug/kg	ND	3370	4030	120	53-130	
Vinyl chloride	ug/kg	ND	1690	1930	115	61-148	
Xylene (Total)	ug/kg	89.9	5060	5840	114	63-132	
1,2-Dichloroethane-d4 (S)	%				126	70-130	
4-Bromofluorobenzene (S)	%				97	69-134	
Toluene-d8 (S)	%				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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	3.4J	2.5J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	IK
Isopropylbenzene (Cumene)	ug/kg	ND	ND		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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	10.5J	8.5J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	7.8	7.7	1	30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	v2
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	9.7	8.8	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	10.5J	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	108			
4-Bromofluorobenzene (S)	%	91	93			
Toluene-d8 (S)	%	102	102			

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 608035
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528353001

METHOD BLANK: 3203111 Matrix: Solid
Associated Lab Samples: 92528353001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/19/21 15:50	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/19/21 15:50	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/19/21 15:50	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/19/21 15:50	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/19/21 15:50	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/19/21 15:50	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/19/21 15:50	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/19/21 15:50	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/19/21 15:50	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/19/21 15:50	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/19/21 15:50	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/19/21 15:50	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/19/21 15:50	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/19/21 15:50	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/19/21 15:50	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/19/21 15:50	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/19/21 15:50	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/19/21 15:50	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/19/21 15:50	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/19/21 15:50	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/19/21 15:50	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
2-Hexanone	ug/kg	ND	50.0	4.8	03/19/21 15:50	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/19/21 15:50	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/19/21 15:50	
Acetone	ug/kg	ND	100	32.1	03/19/21 15:50	
Benzene	ug/kg	ND	5.0	2.0	03/19/21 15:50	
Bromobenzene	ug/kg	ND	5.0	1.6	03/19/21 15:50	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/19/21 15:50	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/19/21 15:50	
Bromoform	ug/kg	ND	5.0	1.8	03/19/21 15:50	
Bromomethane	ug/kg	ND	10.0	7.9	03/19/21 15:50	v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/19/21 15:50	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/19/21 15:50	
Chloroethane	ug/kg	ND	10.0	3.9	03/19/21 15:50	
Chloroform	ug/kg	ND	5.0	3.0	03/19/21 15:50	
Chloromethane	ug/kg	ND	10.0	4.2	03/19/21 15:50	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/19/21 15:50	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/19/21 15:50	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

METHOD BLANK: 3203111 Matrix: Solid
Associated Lab Samples: 92528353001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/19/21 15:50	
Dibromomethane	ug/kg	ND	5.0	1.1	03/19/21 15:50	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/19/21 15:50	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/19/21 15:50	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/19/21 15:50	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/19/21 15:50	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/19/21 15:50	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/19/21 15:50	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/19/21 15:50	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/19/21 15:50	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/19/21 15:50	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
Naphthalene	ug/kg	ND	5.0	2.6	03/19/21 15:50	
o-Xylene	ug/kg	ND	5.0	2.2	03/19/21 15:50	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/19/21 15:50	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/19/21 15:50	
Styrene	ug/kg	ND	5.0	1.3	03/19/21 15:50	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/19/21 15:50	
Toluene	ug/kg	ND	5.0	1.4	03/19/21 15:50	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/19/21 15:50	
Trichloroethene	ug/kg	ND	5.0	1.3	03/19/21 15:50	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/19/21 15:50	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/19/21 15:50	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/19/21 15:50	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/19/21 15:50	
1,2-Dichloroethane-d4 (S)	%	106	70-130		03/19/21 15:50	
4-Bromofluorobenzene (S)	%	96	69-134		03/19/21 15:50	
Toluene-d8 (S)	%	100	70-130		03/19/21 15:50	

LABORATORY CONTROL SAMPLE: 3203112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1180	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1-Dichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1250	100	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1160	92	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1240	99	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3203112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1270	101	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1260	101	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	97	70-130	
1,2-Dichloroethane	ug/kg	1250	1210	97	63-130	
1,2-Dichloropropane	ug/kg	1250	1190	95	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1160	92	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichloropropane	ug/kg	1250	1230	98	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2390	95	70-130	
2-Chlorotoluene	ug/kg	1250	1210	97	70-130	
2-Hexanone	ug/kg	2500	2250	90	70-130	
4-Chlorotoluene	ug/kg	1250	1130	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2290	91	70-130	
Acetone	ug/kg	2500	2420	97	69-130	
Benzene	ug/kg	1250	1240	99	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1330	107	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1320	105	70-130	
Bromomethane	ug/kg	1250	1560	125	52-130	v1
Carbon tetrachloride	ug/kg	1250	1270	101	70-130	
Chlorobenzene	ug/kg	1250	1210	97	70-130	
Chloroethane	ug/kg	1250	1350	108	65-130	
Chloroform	ug/kg	1250	1160	93	70-130	
Chloromethane	ug/kg	1250	1100	88	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1180	95	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1230	98	70-130	
Dibromochloromethane	ug/kg	1250	1320	106	70-130	
Dibromomethane	ug/kg	1250	1340	107	70-130	
Dichlorodifluoromethane	ug/kg	1250	1360	109	45-156	
Diisopropyl ether	ug/kg	1250	1130	91	70-130	
Ethylbenzene	ug/kg	1250	1140	91	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1260	101	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1200	96	70-130	
m&p-Xylene	ug/kg	2500	2350	94	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1200	96	70-130	
Methylene Chloride	ug/kg	1250	1190	95	65-130	
n-Butylbenzene	ug/kg	1250	1130	91	67-130	
n-Propylbenzene	ug/kg	1250	1160	93	70-130	
Naphthalene	ug/kg	1250	1220	97	70-130	
o-Xylene	ug/kg	1250	1200	96	70-130	
p-Isopropyltoluene	ug/kg	1250	1180	94	67-130	
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1270	102	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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3203112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1120	90	67-130	
Tetrachloroethene	ug/kg	1250	1240	99	70-130	
Toluene	ug/kg	1250	1230	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1210	96	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	97	68-130	
Trichloroethene	ug/kg	1250	1270	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1380	110	70-130	
Vinyl acetate	ug/kg	2500	2600	104	70-130	
Vinyl chloride	ug/kg	1250	1280	102	61-130	
Xylene (Total)	ug/kg	3750	3550	95	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			94	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3203114

Parameter	Units	92528603024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	516	496	96	70-131	
1,1,1-Trichloroethane	ug/kg	ND	516	457	89	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	516	471	91	66-130	
1,1,2-Trichloroethane	ug/kg	ND	516	511	99	66-133	
1,1-Dichloroethane	ug/kg	ND	516	447	87	65-130	
1,1-Dichloroethene	ug/kg	ND	516	459	89	10-158	
1,1-Dichloropropene	ug/kg	ND	516	455	88	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	516	433	84	27-138	
1,2,3-Trichloropropane	ug/kg	ND	516	460	89	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	516	454	88	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	516	479	93	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	516	393	76	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	516	489	95	70-130	
1,2-Dichlorobenzene	ug/kg	ND	516	505	98	69-130	
1,2-Dichloroethane	ug/kg	ND	516	427	83	59-130	
1,2-Dichloropropane	ug/kg	ND	516	499	97	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	516	487	94	65-137	
1,3-Dichlorobenzene	ug/kg	ND	516	478	93	70-130	
1,3-Dichloropropane	ug/kg	ND	516	498	97	70-130	
1,4-Dichlorobenzene	ug/kg	ND	516	476	92	68-130	
2,2-Dichloropropane	ug/kg	ND	516	450	87	32-130	
2-Butanone (MEK)	ug/kg	ND	1030	691	67	10-136	
2-Chlorotoluene	ug/kg	ND	516	488	94	69-141	
2-Hexanone	ug/kg	ND	1030	788	76	10-144	
4-Chlorotoluene	ug/kg	ND	516	490	95	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1030	811	79	25-143	
Acetone	ug/kg	ND	1030	537	52	10-130	
Benzene	ug/kg	ND	516	498	97	67-130	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

MATRIX SPIKE SAMPLE: 3203114

Parameter	Units	92528603024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	516	552	107	70-130	
Bromochloromethane	ug/kg	ND	516	503	98	69-134	
Bromodichloromethane	ug/kg	ND	516	433	84	64-130	
Bromoform	ug/kg	ND	516	470	91	62-130	
Bromomethane	ug/kg	ND	516	381	74	20-176	v1
Carbon tetrachloride	ug/kg	ND	516	461	89	65-140	
Chlorobenzene	ug/kg	ND	516	492	95	70-130	
Chloroethane	ug/kg	ND	516	141	27	10-130	
Chloroform	ug/kg	ND	516	473	92	63-130	
Chloromethane	ug/kg	ND	516	564	109	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	516	453	88	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	516	460	89	67-130	
Dibromochloromethane	ug/kg	ND	516	487	94	67-130	
Dibromomethane	ug/kg	ND	516	488	95	63-131	
Dichlorodifluoromethane	ug/kg	ND	516	499	97	44-180	
Diisopropyl ether	ug/kg	ND	516	427	83	63-130	
Ethylbenzene	ug/kg	ND	516	510	99	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	516	575	111	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	516	512	99	69-135	
m&p-Xylene	ug/kg	ND	1030	974	94	60-133	
Methyl-tert-butyl ether	ug/kg	ND	516	456	88	65-130	
Methylene Chloride	ug/kg	ND	516	468	91	61-130	
n-Butylbenzene	ug/kg	ND	516	503	97	65-140	
n-Propylbenzene	ug/kg	ND	516	506	98	67-140	
Naphthalene	ug/kg	ND	516	407	79	15-145	
o-Xylene	ug/kg	ND	516	508	98	66-133	
p-Isopropyltoluene	ug/kg	ND	516	501	97	56-147	
sec-Butylbenzene	ug/kg	ND	516	497	96	65-139	
Styrene	ug/kg	ND	516	504	98	70-132	
tert-Butylbenzene	ug/kg	ND	516	373	72	62-135	v3
Tetrachloroethene	ug/kg	ND	516	471	91	70-135	
Toluene	ug/kg	ND	516	467	90	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	516	470	91	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	516	448	87	62-130	
Trichloroethene	ug/kg	ND	516	504	98	70-135	
Trichlorofluoromethane	ug/kg	ND	516	161	31	10-130	
Vinyl acetate	ug/kg	ND	1030	930	90	53-130	
Vinyl chloride	ug/kg	ND	516	474	92	61-148	
Xylene (Total)	ug/kg	ND	1550	1480	96	63-132	
1,2-Dichloroethane-d4 (S)	%				115	70-130	
4-Bromofluorobenzene (S)	%				99	69-134	
Toluene-d8 (S)	%				99	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

SAMPLE DUPLICATE: 3203113

Parameter	Units	92528603005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	5.3	4.0J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	3.6J	3.2J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	12.5	12.0	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

SAMPLE DUPLICATE: 3203113

Parameter	Units	92528603005 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	21.5	20.6	4	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	3.5J	3.3J		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	9.6	9.5	2	30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	31.1	30.1	3	30	
1,2-Dichloroethane-d4 (S)	%	104	107			
4-Bromofluorobenzene (S)	%	96	97			
Toluene-d8 (S)	%	102	101			

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 607492
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

METHOD BLANK: 3200335 Matrix: Solid
Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	336	118	03/18/21 15:41	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	336	160	03/18/21 15:41	
2,4,5-Trichlorophenol	ug/kg	ND	336	154	03/18/21 15:41	
2,4,6-Trichlorophenol	ug/kg	ND	336	138	03/18/21 15:41	
2,4-Dichlorophenol	ug/kg	ND	336	131	03/18/21 15:41	
2,4-Dimethylphenol	ug/kg	ND	336	139	03/18/21 15:41	
2,4-Dinitrophenol	ug/kg	ND	1680	1040	03/18/21 15:41	
2,4-Dinitrotoluene	ug/kg	ND	336	129	03/18/21 15:41	
2,6-Dinitrotoluene	ug/kg	ND	336	123	03/18/21 15:41	
2-Chloronaphthalene	ug/kg	ND	336	133	03/18/21 15:41	
2-Chlorophenol	ug/kg	ND	336	126	03/18/21 15:41	
2-Methylnaphthalene	ug/kg	ND	336	134	03/18/21 15:41	
2-Methylphenol(o-Cresol)	ug/kg	ND	336	137	03/18/21 15:41	
2-Nitroaniline	ug/kg	ND	1680	275	03/18/21 15:41	
2-Nitrophenol	ug/kg	ND	336	145	03/18/21 15:41	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	336	135	03/18/21 15:41	
3,3'-Dichlorobenzidine	ug/kg	ND	671	227	03/18/21 15:41	IL
3-Nitroaniline	ug/kg	ND	1680	263	03/18/21 15:41	
4,6-Dinitro-2-methylphenol	ug/kg	ND	671	313	03/18/21 15:41	
4-Bromophenylphenyl ether	ug/kg	ND	336	129	03/18/21 15:41	
4-Chloro-3-methylphenol	ug/kg	ND	671	236	03/18/21 15:41	
4-Chloroaniline	ug/kg	ND	671	263	03/18/21 15:41	
4-Chlorophenylphenyl ether	ug/kg	ND	336	125	03/18/21 15:41	
4-Nitroaniline	ug/kg	ND	671	255	03/18/21 15:41	
4-Nitrophenol	ug/kg	ND	1680	649	03/18/21 15:41	
Acenaphthene	ug/kg	ND	336	118	03/18/21 15:41	
Acenaphthylene	ug/kg	ND	336	118	03/18/21 15:41	
Aniline	ug/kg	ND	336	131	03/18/21 15:41	
Anthracene	ug/kg	ND	336	110	03/18/21 15:41	
Benzo(a)anthracene	ug/kg	ND	336	112	03/18/21 15:41	
Benzo(b)fluoranthene	ug/kg	ND	336	112	03/18/21 15:41	
Benzo(g,h,i)perylene	ug/kg	ND	336	130	03/18/21 15:41	
Benzo(k)fluoranthene	ug/kg	ND	336	118	03/18/21 15:41	
Benzoic Acid	ug/kg	ND	1680	721	03/18/21 15:41	
Benzyl alcohol	ug/kg	ND	671	254	03/18/21 15:41	
bis(2-Chloroethoxy)methane	ug/kg	ND	336	139	03/18/21 15:41	
bis(2-Chloroethyl) ether	ug/kg	ND	336	126	03/18/21 15:41	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	336	130	03/18/21 15:41	v1
Butylbenzylphthalate	ug/kg	ND	336	141	03/18/21 15:41	v1
Chrysene	ug/kg	ND	336	122	03/18/21 15:41	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

METHOD BLANK: 3200335 Matrix: Solid
Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	336	113	03/18/21 15:41	
Di-n-octylphthalate	ug/kg	ND	336	132	03/18/21 15:41	v1
Dibenz(a,h)anthracene	ug/kg	ND	336	129	03/18/21 15:41	
Dibenzofuran	ug/kg	ND	336	121	03/18/21 15:41	
Diethylphthalate	ug/kg	ND	336	123	03/18/21 15:41	
Dimethylphthalate	ug/kg	ND	336	122	03/18/21 15:41	
Fluoranthene	ug/kg	ND	336	115	03/18/21 15:41	
Fluorene	ug/kg	ND	336	118	03/18/21 15:41	
Hexachlorobenzene	ug/kg	ND	336	131	03/18/21 15:41	
Hexachlorocyclopentadiene	ug/kg	ND	336	192	03/18/21 15:41	
Hexachloroethane	ug/kg	ND	336	128	03/18/21 15:41	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	336	132	03/18/21 15:41	
Isophorone	ug/kg	ND	336	149	03/18/21 15:41	
N-Nitroso-di-n-propylamine	ug/kg	ND	336	126	03/18/21 15:41	
N-Nitrosodimethylamine	ug/kg	ND	336	113	03/18/21 15:41	
N-Nitrosodiphenylamine	ug/kg	ND	336	119	03/18/21 15:41	
Nitrobenzene	ug/kg	ND	336	156	03/18/21 15:41	
Pentachlorophenol	ug/kg	ND	671	328	03/18/21 15:41	
Phenanthrene	ug/kg	ND	336	110	03/18/21 15:41	
Phenol	ug/kg	ND	336	149	03/18/21 15:41	
Pyrene	ug/kg	ND	336	136	03/18/21 15:41	
Pyridine	ug/kg	ND	336	106	03/18/21 15:41	
2,4,6-Tribromophenol (S)	%	71	18-130		03/18/21 15:41	
2-Fluorobiphenyl (S)	%	75	19-130		03/18/21 15:41	
2-Fluorophenol (S)	%	77	18-130		03/18/21 15:41	
Nitrobenzene-d5 (S)	%	75	21-130		03/18/21 15:41	
Phenol-d6 (S)	%	70	18-130		03/18/21 15:41	
Terphenyl-d14 (S)	%	102	15-130		03/18/21 15:41	

LABORATORY CONTROL SAMPLE: 3200336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1680	1170	70	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1680	1080	65	38-130	
2,4,5-Trichlorophenol	ug/kg	1680	1280	76	49-130	
2,4,6-Trichlorophenol	ug/kg	1680	1230	73	50-130	
2,4-Dichlorophenol	ug/kg	1680	1190	71	51-130	
2,4-Dimethylphenol	ug/kg	1680	1230	73	53-130	
2,4-Dinitrophenol	ug/kg	8390	5420	65	39-130	
2,4-Dinitrotoluene	ug/kg	1680	1250	74	53-130	
2,6-Dinitrotoluene	ug/kg	1680	1280	77	55-130	
2-Chloronaphthalene	ug/kg	1680	1270	76	48-130	
2-Chlorophenol	ug/kg	1680	1180	70	54-130	
2-Methylnaphthalene	ug/kg	1680	1180	71	57-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1680	1190	71	50-130	
2-Nitroaniline	ug/kg	3360	2530	75	49-130	
2-Nitrophenol	ug/kg	1680	1240	74	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1680	1140	68	50-130	
3,3'-Dichlorobenzidine	ug/kg	3360	2290	68	47-130	IL
3-Nitroaniline	ug/kg	3360	2610	78	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3360	2430	72	50-142	
4-Bromophenylphenyl ether	ug/kg	1680	1270	75	55-130	
4-Chloro-3-methylphenol	ug/kg	3360	2390	71	52-130	
4-Chloroaniline	ug/kg	3360	2190	65	49-130	
4-Chlorophenylphenyl ether	ug/kg	1680	1170	70	53-130	
4-Nitroaniline	ug/kg	3360	2330	70	51-130	
4-Nitrophenol	ug/kg	8390	5640	67	40-130	
Acenaphthene	ug/kg	1680	1270	76	56-130	
Acenaphthylene	ug/kg	1680	1320	78	58-130	
Aniline	ug/kg	1680	1030	61	44-130	
Anthracene	ug/kg	1680	1290	77	60-130	
Benzo(a)anthracene	ug/kg	1680	1430	85	59-130	
Benzo(b)fluoranthene	ug/kg	1680	1290	77	54-130	
Benzo(g,h,i)perylene	ug/kg	1680	1420	85	59-130	
Benzo(k)fluoranthene	ug/kg	1680	1310	78	54-130	
Benzoic Acid	ug/kg	8390	4200	50	19-130	
Benzyl alcohol	ug/kg	3360	2210	66	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1680	1190	71	55-130	
bis(2-Chloroethyl) ether	ug/kg	1680	1210	72	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1680	1430	85	58-130	v1
Butylbenzylphthalate	ug/kg	1680	1490	89	46-138	v1
Chrysene	ug/kg	1680	1440	86	57-130	
Di-n-butylphthalate	ug/kg	1680	1270	76	57-130	
Di-n-octylphthalate	ug/kg	1680	1520	91	57-130	v1
Dibenz(a,h)anthracene	ug/kg	1680	1400	84	60-130	
Dibenzofuran	ug/kg	1680	1250	75	54-130	
Diethylphthalate	ug/kg	1680	1260	75	55-130	
Dimethylphthalate	ug/kg	1680	1240	74	57-130	
Fluoranthene	ug/kg	1680	1240	74	57-130	
Fluorene	ug/kg	1680	1240	74	56-130	
Hexachlorobenzene	ug/kg	1680	1280	76	53-130	
Hexachlorocyclopentadiene	ug/kg	1680	843	50	23-130	
Hexachloroethane	ug/kg	1680	1190	71	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1680	1440	86	61-130	
Isophorone	ug/kg	1680	1180	70	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1680	1100	65	52-130	
N-Nitrosodimethylamine	ug/kg	1680	1270	76	45-130	
N-Nitrosodiphenylamine	ug/kg	1680	1290	77	56-130	
Nitrobenzene	ug/kg	1680	1320	79	50-130	
Pentachlorophenol	ug/kg	3360	2180	65	33-130	
Phenanthrene	ug/kg	1680	1300	78	60-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1680	1250	74	54-130	
Pyrene	ug/kg	1680	1480	88	61-130	
Pyridine	ug/kg	1680	1030	62	35-130	
2,4,6-Tribromophenol (S)	%			72	18-130	
2-Fluorobiphenyl (S)	%			71	19-130	
2-Fluorophenol (S)	%			72	18-130	
Nitrobenzene-d5 (S)	%			70	21-130	
Phenol-d6 (S)	%			67	18-130	
Terphenyl-d14 (S)	%			95	15-130	

MATRIX SPIKE SAMPLE: 3200337

Parameter	Units	92527967001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1950	1230	63	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1950	1230	63	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1950	1380	71	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1950	1220	63	23-130	
2,4-Dichlorophenol	ug/kg	ND	1950	1320	68	29-130	
2,4-Dimethylphenol	ug/kg	ND	1950	1380	71	13-130	
2,4-Dinitrophenol	ug/kg	ND	9710	ND	10	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1950	1420	73	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1950	1470	75	36-130	
2-Chloronaphthalene	ug/kg	ND	1950	1290	66	27-130	
2-Chlorophenol	ug/kg	ND	1950	1340	69	29-130	
2-Methylnaphthalene	ug/kg	ND	1950	1220	63	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1950	1320	68	20-130	
2-Nitroaniline	ug/kg	ND	3880	2930	75	29-130	
2-Nitrophenol	ug/kg	ND	1950	1380	71	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1950	1250	64	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3880	2900	75	15-130	IL
3-Nitroaniline	ug/kg	ND	3880	2940	76	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3880	1700	44	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1950	1290	67	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3880	2700	69	30-130	
4-Chloroaniline	ug/kg	ND	3880	2510	65	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1950	1200	62	32-130	
4-Nitroaniline	ug/kg	ND	3880	2750	71	30-130	
4-Nitrophenol	ug/kg	ND	9710	4760	49	17-130	
Acenaphthene	ug/kg	ND	1950	1310	67	29-130	
Acenaphthylene	ug/kg	ND	1950	1350	69	31-130	
Aniline	ug/kg	ND	1950	1160	60	10-130	
Anthracene	ug/kg	ND	1950	1330	69	33-130	
Benzo(a)anthracene	ug/kg	ND	1950	1460	75	32-130	
Benzo(b)fluoranthene	ug/kg	ND	1950	1320	68	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1950	1490	77	28-130	

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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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

MATRIX SPIKE SAMPLE: 3200337

Parameter	Units	92527967001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	1950	1370	71	31-130	
Benzoic Acid	ug/kg	ND	9710	ND	1	10-130	M1
Benzyl alcohol	ug/kg	ND	3880	2440	63	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1950	1310	68	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1950	1360	70	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1950	1470	76	40-130	v1
Butylbenzylphthalate	ug/kg	ND	1950	1520	78	40-130	v1
Chrysene	ug/kg	ND	1950	1470	76	30-130	
Di-n-butylphthalate	ug/kg	ND	1950	1270	65	41-130	
Di-n-octylphthalate	ug/kg	ND	1950	1540	79	42-130	v1
Dibenz(a,h)anthracene	ug/kg	ND	1950	1530	79	27-130	
Dibenzofuran	ug/kg	ND	1950	1290	67	32-130	
Diethylphthalate	ug/kg	ND	1950	1410	72	40-130	
Dimethylphthalate	ug/kg	ND	1950	1450	75	37-130	
Fluoranthene	ug/kg	ND	1950	1280	66	26-130	
Fluorene	ug/kg	ND	1950	1270	66	31-130	
Hexachlorobenzene	ug/kg	ND	1950	1320	68	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1950	814	42	10-130	
Hexachloroethane	ug/kg	ND	1950	1280	66	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1950	1510	78	28-130	
Isophorone	ug/kg	ND	1950	1300	67	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1950	1230	63	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1950	1350	69	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1950	1410	72	32-130	
Nitrobenzene	ug/kg	ND	1950	1450	75	25-130	
Pentachlorophenol	ug/kg	ND	3880	1950	50	10-130	
Phenanthrene	ug/kg	ND	1950	1350	70	34-130	
Phenol	ug/kg	ND	1950	1380	71	14-130	
Pyrene	ug/kg	ND	1950	1500	77	31-130	
Pyridine	ug/kg	ND	1950	1180	61	10-130	
2,4,6-Tribromophenol (S)	%				68	18-130	
2-Fluorobiphenyl (S)	%				61	19-130	
2-Fluorophenol (S)	%				65	18-130	
Nitrobenzene-d5 (S)	%				68	21-130	
Phenol-d6 (S)	%				63	18-130	
Terphenyl-d14 (S)	%				82	15-130	

SAMPLE DUPLICATE: 3200338

Parameter	Units	92527967002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200338

Parameter	Units	92527967002 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	v1
Butylbenzylphthalate	ug/kg	ND	ND		30	v1
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	v1
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200338

Parameter	Units	92527967002 Result	Dup Result	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	67	68			
2-Fluorobiphenyl (S)	%	62	65			
2-Fluorophenol (S)	%	64	71			
Nitrobenzene-d5 (S)	%	67	73			
Phenol-d6 (S)	%	61	67			
Terphenyl-d14 (S)	%	94	92			

Results presented on this page are in 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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 607682
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

SAMPLE DUPLICATE: 3201328

Parameter	Units	92528230001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.7	27.0	1	25	N2

SAMPLE DUPLICATE: 3201329

Parameter	Units	92528389002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.9	16.9	6	25	N2

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

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

IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results 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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
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: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528353001	**RI-SB-19_SO_0.5-1.0_20210315**	EPA 3546	607492	EPA 8270E	607663
92528353002	**RI-SB-19_SO_5.5-6.0_20210315**	EPA 3546	607492	EPA 8270E	607663
92528353003	**RI-SB-20_SO_0.5-1.0_20210315**	EPA 3546	607492	EPA 8270E	607663
92528353004	**RI-SB-20_SO_5.5-6.0_20210315**	EPA 3546	607492	EPA 8270E	607663
92528353005	**TRIP BLANK**	EPA 8260D	608197		
92528353001	**RI-SB-19_SO_0.5-1.0_20210315**	EPA 5035A/5030B	608035	EPA 8260D	608070
92528353002	**RI-SB-19_SO_5.5-6.0_20210315**	EPA 5035A/5030B	607623	EPA 8260D	607658
92528353003	**RI-SB-20_SO_0.5-1.0_20210315**	EPA 5035A/5030B	607623	EPA 8260D	607658
92528353004	**RI-SB-20_SO_5.5-6.0_20210315**	EPA 5035A/5030B	607623	EPA 8260D	607658
92528353001	**RI-SB-19_SO_0.5-1.0_20210315**	SW-846	607682		
92528353002	**RI-SB-19_SO_5.5-6.0_20210315**	SW-846	607682		
92528353003	**RI-SB-20_SO_0.5-1.0_20210315**	SW-846	607682		
92528353004	**RI-SB-20_SO_5.5-6.0_20210315**	SW-846	607682		

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: Synterra

Project #: WO# : 92528353

92528353

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

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

Date/Initials Person Examining Contents: 3-18-21 AMK

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: 1.8 **Correction Factor:** Add/Subtract (°C) 0.0°C

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

Cooler Temp Corrected (°C): 1.8

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

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ 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: SL				
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~~	AMK 3-18

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# : 92528353

PM: KLH1 Due Date: 03/22/21

CLIENT: 92-Duke Ener

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													3							
2									1													3							
3									1													3							
4									1													3							
5																2													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

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:	Synterra
Address:	148 River Street
	Suite 220, Greenville, SC 29601
Email To:	tking@synterracorp.com
Phone:	Fax:
Requested Due Date: 3-day TAT	

Section B
Required Project Information:

Report To:	Tom King
Copy To:	Heather Smith
Purchase Order #:	
Project Name:	Former Bramlette MGP
Project Number:	00.2731.00.08

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	Kevin Herring
Pace Profile #:	7754

Regulatory Agency

State / Location
SC

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	8260	8270	Trip Blank	Residual Chlorine (Y/N)
1	RI-SB-19_SO_0.5-1.0_20210315	SL	G	3/15/2021	1415	--	--		4							X			X	X		
2	RI-SB-19_SO_5.5-6.0_20210315	SL	G	3/15/2021	1420	--	--		4							X			X	X		
3	RI-SB-20_SO_0.5-1.0_20210315	SL	G	3/15/2021	1430	--	--		4							X			X	X		
4	RI-SB-20_SO_5.5-6.0_20210315	SL	G	3/15/2021	1435	--	--		4							X			X	X		
5	Trip Blank	WT	G	3/17/2021	--	--	--		2												X	
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
*Ca, Mg, Fe, Mn + Hardness	Tom King /	3/15/21	1700	SynTerra Cold Storage (secure)	3/15/21	1700	
	SynTerra Cold Storage	3/17/21	0900	Tom King /	3/17/21	0900	
	Tom King /	3/17/21	1045	/ Pace	3.17.21	1045	
	/ Pace	3.17.21	1205	/ HVL	3-17-21	1205	4.1

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: Tom King

DATE Signed: 3/17/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.1			

PACE HVL 3-18-21 8:00 1.8 Y N Y

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

March 29, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 18, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

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 SUMMARY

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92528627001	**MW-3BR_WG_20210316**	Water	03/16/21 11:09	03/18/21 14:00
92528627002	**MW-3BRL_WG_20210316**	Water	03/16/21 11:50	03/18/21 14:00
92528627003	**MW-21BR_WG_20210317**	Water	03/17/21 11:31	03/18/21 14:00
92528627004	**MW-21BRL_WG_20210317**	Water	03/17/21 10:51	03/18/21 14:00
92528627005	**MW-39S_WG_20210317**	Water	03/17/21 10:49	03/18/21 14:00
92528627006	**MW-38S_WG_20210316**	Water	03/16/21 12:00	03/18/21 14:00
92528627007	**FD-03_WG_20210317**	Water	03/17/21 00:00	03/18/21 14:00
92528627008	**MW-18_WG_20210316**	Water	03/16/21 10:02	03/18/21 14:00
92528627009	**FB-05_WG_20210317**	Water	03/17/21 11:25	03/18/21 14:00
92528627010	**MW-21_WG_20210317**	Water	03/17/21 09:27	03/18/21 14:00
92528627011	**MW-39BR_WG_20210317**	Water	03/17/21 09:57	03/18/21 14:00
92528627012	**MW-39BRL_WG_20210317**	Water	03/17/21 09:03	03/18/21 14:00
92528627013	**MW-45BR_WG_20210316**	Water	03/16/21 09:23	03/18/21 14:00
92528627014	**MW-46BR_WG_20210316**	Water	03/16/21 14:27	03/18/21 14:00
92528627015	**MW-47BR_WG_20210316**	Water	03/16/21 13:53	03/18/21 14:00
92528627016	**MW-38BR_WG_20210316**	Water	03/16/21 10:58	03/18/21 14:00
92528627017	**TB-08_WG_20210317**	Water	03/17/21 00:00	03/18/21 14:00
92528627018	**TB-09_WG_20210317**	Water	03/17/21 00:00	03/18/21 14:00
92528627019	**TB-10_WG_20210317**	Water	03/17/21 00:00	03/18/21 14:00

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528627001	**MW-3BR_WG_20210316**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92528627002	**MW-3BRL_WG_20210316**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627003	**MW-21BR_WG_20210317**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627004	**MW-21BRL_WG_20210317**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627005	**MW-39S_WG_20210317**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627006	**MW-38S_WG_20210316**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627007	**FD-03_WG_20210317**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627008	**MW-18_WG_20210316**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627009	**FB-05_WG_20210317**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627010	**MW-21_WG_20210317**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	RDT	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627011	**MW-39BR_WG_20210317**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627012	**MW-39BRL_WG_20210317**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627013	**MW-45BR_WG_20210316**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627014	**MW-46BR_WG_20210316**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627015	**MW-47BR_WG_20210316**	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	RDT, SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 5310B-2011	JLH	1	PASI-A
92528627016	**MW-38BR_WG_20210316**	EPA 6010D	RDT, SH1	2	PASI-A
		EPA 6010D	RDT, SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627017	**TB-08_WG_20210317**	EPA 8260D	PM1	62	PASI-C
92528627018	**TB-09_WG_20210317**	EPA 8260D	PM1	62	PASI-C
92528627019	**TB-10_WG_20210317**	EPA 8260D	PM1	62	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528627001	**MW-3BR_WG_20210316**					
EPA 8270E	Acenaphthene	6.4J	ug/L	10.0	03/23/21 10:57	
EPA 8270E	Acenaphthylene	16.2	ug/L	10.0	03/23/21 10:57	
EPA 8270E	2,4-Dimethylphenol	39.4	ug/L	10.0	03/23/21 10:57	
EPA 8270E	Fluorene	3.4J	ug/L	10.0	03/23/21 10:57	
EPA 8270E	1-Methylnaphthalene	26.7	ug/L	10.0	03/23/21 10:57	
EPA 8270E	2-Methylnaphthalene	26.0	ug/L	10.0	03/23/21 10:57	
EPA 8270E	Phenol	1.5J	ug/L	10.0	03/23/21 10:57	
EPA 8260D	Benzene	281	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Ethylbenzene	35.8	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Naphthalene	293	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Styrene	11.3	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Toluene	93.1	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Xylene (Total)	60.6	ug/L	2.5	03/23/21 16:41	
EPA 8260D	m&p-Xylene	37.6	ug/L	5.0	03/23/21 16:41	
EPA 8260D	o-Xylene	23.0	ug/L	2.5	03/23/21 16:41	
92528627002	**MW-3BRL_WG_20210316**					
EPA 8270E	Acenaphthene	56.8	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Acenaphthylene	122	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Anthracene	3.6J	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Dibenzofuran	9.1J	ug/L	10.0	03/23/21 11:22	
EPA 8270E	2,4-Dimethylphenol	35.7	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Fluorene	28.8	ug/L	10.0	03/23/21 11:22	
EPA 8270E	1-Methylnaphthalene	237	ug/L	40.0	03/24/21 12:13	
EPA 8270E	2-Methylnaphthalene	358	ug/L	40.0	03/24/21 12:13	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	4.7J	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Phenanthrene	22.3	ug/L	10.0	03/23/21 11:22	
EPA 8260D	Benzene	523	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Ethylbenzene	104	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Naphthalene	2060	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Styrene	17.6	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Toluene	68.2	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Xylene (Total)	107	ug/L	12.5	03/23/21 20:44	
EPA 8260D	m&p-Xylene	66.3	ug/L	25.0	03/23/21 20:44	
EPA 8260D	o-Xylene	40.8	ug/L	12.5	03/23/21 20:44	
92528627004	**MW-21BRL_WG_20210317**					
EPA 8270E	Acenaphthylene	12.4	ug/L	10.0	03/23/21 14:20	
EPA 8270E	1-Methylnaphthalene	18.2	ug/L	10.0	03/23/21 14:20	
EPA 8270E	2-Methylnaphthalene	32.3	ug/L	10.0	03/23/21 14:20	
EPA 8260D	Benzene	9.5	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Ethylbenzene	14.3	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Naphthalene	451	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Styrene	47.3	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Toluene	86.1	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Xylene (Total)	57.9	ug/L	5.0	03/24/21 19:21	
EPA 8260D	m&p-Xylene	40.4	ug/L	10.0	03/24/21 19:21	
EPA 8260D	o-Xylene	17.5	ug/L	5.0	03/24/21 19:21	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528627007	**FD-03_WG_20210317**					
EPA 8270E	Acenaphthylene	8.1J	ug/L	10.0	03/23/21 16:27	
EPA 8270E	1-Methylnaphthalene	12.3	ug/L	10.0	03/23/21 16:27	
EPA 8270E	2-Methylnaphthalene	21.9	ug/L	10.0	03/23/21 16:27	
EPA 8260D	Benzene	9.6	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Ethylbenzene	17.8	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Naphthalene	675	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Styrene	58.0	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Toluene	97.7	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Xylene (Total)	78.9	ug/L	5.0	03/24/21 19:39	
EPA 8260D	m&p-Xylene	55.6	ug/L	10.0	03/24/21 19:39	
EPA 8260D	o-Xylene	23.3	ug/L	5.0	03/24/21 19:39	
92528627010	**MW-21_WG_20210317**					
EPA 6010D	Iron	2070	ug/L	50.0	03/24/21 01:54	
EPA 6010D	Manganese	104	ug/L	5.0	03/24/21 01:54	
EPA 6010D	Iron, Dissolved	2040	ug/L	250	03/24/21 21:43	
EPA 6010D	Manganese, Dissolved	98.0	ug/L	25.0	03/24/21 21:43	
EPA 8270E	Fluoranthene	4.0J	ug/L	10.0	03/23/21 17:43	
EPA 8270E	Phenanthrene	2.2J	ug/L	10.0	03/23/21 17:43	
EPA 8270E	Pyrene	3.6J	ug/L	10.0	03/23/21 17:43	
EPA 8260D	Benzene	0.62J	ug/L	1.0	03/23/21 16:49	
EPA 8260D	Ethylbenzene	0.40J	ug/L	1.0	03/23/21 16:49	
EPA 8260D	Naphthalene	1.2	ug/L	1.0	03/23/21 16:49	
EPA 8260D	Xylene (Total)	0.41J	ug/L	1.0	03/23/21 16:49	
EPA 8260D	o-Xylene	0.41J	ug/L	1.0	03/23/21 16:49	
EPA 300.0 Rev 2.1 1993	Sulfate	22.3	mg/L	1.0	03/22/21 22:24	
SM 5310B-2011	Total Organic Carbon	3.2	mg/L	1.0	03/27/21 00:33	
92528627011	**MW-39BR_WG_20210317**					
EPA 6010D	Iron	1860	ug/L	50.0	03/24/21 02:07	
EPA 6010D	Manganese	114	ug/L	5.0	03/24/21 02:07	
EPA 6010D	Iron, Dissolved	1690	ug/L	50.0	03/24/21 04:15	
EPA 6010D	Manganese, Dissolved	108	ug/L	5.0	03/24/21 04:15	
EPA 8260D	1,2-Dichlorobenzene	0.38J	ug/L	1.0	03/23/21 16:31	
EPA 8260D	1,3-Dichlorobenzene	0.56J	ug/L	1.0	03/23/21 16:31	
EPA 300.0 Rev 2.1 1993	Sulfate	35.7	mg/L	1.0	03/22/21 22:38	
SM 5310B-2011	Total Organic Carbon	0.62J	mg/L	1.0	03/27/21 03:25	
92528627012	**MW-39BRL_WG_20210317**					
EPA 6010D	Iron	91.8	ug/L	50.0	03/24/21 02:10	
EPA 6010D	Manganese	4.8J	ug/L	5.0	03/24/21 02:10	
EPA 6010D	Iron, Dissolved	52.2	ug/L	50.0	03/24/21 04:19	
EPA 6010D	Manganese, Dissolved	7.8	ug/L	5.0	03/24/21 04:19	
SM 4500-S2D-2011	Sulfide	0.54	mg/L	0.10	03/23/21 05:51	
EPA 300.0 Rev 2.1 1993	Sulfate	586	mg/L	12.0	03/23/21 11:58	
SM 5310B-2011	Total Organic Carbon	51.7	mg/L	2.0	03/27/21 19:17	
92528627013	**MW-45BR_WG_20210316**					
EPA 6010D	Iron	64.3	ug/L	50.0	03/24/21 02:14	

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528627013	**MW-45BR_WG_20210316**					
EPA 6010D	Iron, Dissolved	10900	ug/L	50.0	03/24/21 04:22	
EPA 6010D	Manganese, Dissolved	83.9	ug/L	5.0	03/24/21 04:22	
EPA 8270E	Acenaphthene	2.3J	ug/L	10.0	03/23/21 18:59	
EPA 8270E	1-Methylnaphthalene	6.8J	ug/L	10.0	03/23/21 18:59	
EPA 8270E	2-Methylnaphthalene	8.3J	ug/L	10.0	03/23/21 18:59	
EPA 8270E	Phenol	2.8J	ug/L	10.0	03/23/21 18:59	
EPA 8260D	Acetone	260	ug/L	25.0	03/23/21 16:06	
EPA 8260D	Benzene	142	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Ethylbenzene	16.6	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Naphthalene	172	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Styrene	6.9	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Toluene	40.7	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Xylene (Total)	23.3	ug/L	1.0	03/23/21 16:06	
EPA 8260D	m&p-Xylene	13.7	ug/L	2.0	03/23/21 16:06	
EPA 8260D	o-Xylene	9.6	ug/L	1.0	03/23/21 16:06	
SM 4500-S2D-2011	Sulfide	0.10	mg/L	0.10	03/23/21 05:43	
EPA 300.0 Rev 2.1 1993	Sulfate	118	mg/L	3.0	03/23/21 12:13	
SM 5310B-2011	Total Organic Carbon	22.8	mg/L	1.0	03/27/21 04:00	
92528627014	**MW-46BR_WG_20210316**					
EPA 6010D	Iron	348	ug/L	50.0	03/24/21 02:17	
EPA 6010D	Manganese	7.4	ug/L	5.0	03/24/21 02:17	
EPA 6010D	Iron, Dissolved	260	ug/L	50.0	03/24/21 04:25	
EPA 6010D	Manganese, Dissolved	6.3	ug/L	5.0	03/24/21 04:25	
EPA 8260D	Naphthalene	11.4	ug/L	1.0	03/23/21 17:07	
EPA 8260D	Toluene	0.82J	ug/L	1.0	03/23/21 17:07	
SM 4500-S2D-2011	Sulfide	0.51	mg/L	0.10	03/23/21 05:44	
EPA 300.0 Rev 2.1 1993	Sulfate	4.2	mg/L	1.0	03/22/21 23:18	
SM 5310B-2011	Total Organic Carbon	4.1	mg/L	1.0	03/27/21 04:20	
92528627015	**MW-47BR_WG_20210316**					
EPA 6010D	Iron	159	ug/L	50.0	03/24/21 02:20	
EPA 6010D	Iron, Dissolved	79.7	ug/L	50.0	03/24/21 21:46	
EPA 8270E	Acenaphthene	3.1J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Acenaphthylene	40.8	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Benzyl alcohol	5.3J	ug/L	20.0	03/23/21 19:50	
EPA 8270E	2,4-Dimethylphenol	15.2	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Fluorene	6.7J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	1-Methylnaphthalene	63.9	ug/L	10.0	03/23/21 19:50	
EPA 8270E	2-Methylnaphthalene	97.9	ug/L	10.0	03/23/21 19:50	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	7.1J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Phenanthrene	6.7J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Phenol	3.0J	ug/L	10.0	03/23/21 19:50	
EPA 8260D	Acetone	253	ug/L	250	03/23/21 02:23	
EPA 8260D	Benzene	194	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Ethylbenzene	263	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Naphthalene	1630	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Styrene	73.6	ug/L	10.0	03/23/21 02:23	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528627015	**MW-47BR_WG_20210316**					
EPA 8260D	Toluene	1770	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Xylene (Total)	1380	ug/L	10.0	03/23/21 02:23	
EPA 8260D	m&p-Xylene	881	ug/L	20.0	03/23/21 02:23	
EPA 8260D	o-Xylene	499	ug/L	10.0	03/23/21 02:23	
EPA 300.0 Rev 2.1 1993	Sulfate	24.1	mg/L	1.0	03/22/21 23:32	
SM 5310B-2011	Total Organic Carbon	35.2	mg/L	1.0	03/27/21 04:36	
92528627016	**MW-38BR_WG_20210316**					
EPA 6010D	Manganese	12.6	ug/L	5.0	03/24/21 02:37	
EPA 6010D	Manganese, Dissolved	11.9	ug/L	5.0	03/24/21 04:45	
EPA 300.0 Rev 2.1 1993	Sulfate	10.3	mg/L	1.0	03/22/21 23:45	
SM 5310B-2011	Total Organic Carbon	2.7	mg/L	1.0	03/27/21 04:56	

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: March 29, 2021

General Information:
7 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 29, 2021

General Information:
7 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 29, 2021

General Information:
16 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 608184

S0: Surrogate recovery outside laboratory control limits.

- MW-21BRL_WG_20210317 (Lab ID: 92528627004)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608184

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528627005

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3203916)
  - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3203917)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 29, 2021

QC Batch: 608184

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528627005

R1: RPD value was outside control limits.

- 1-Methylnaphthalene
- 2,2'-Oxybis(1-chloropropane)
- 2,4,5-Trichlorophenol
- 2,4,6-Trichlorophenol
- 2,4-Dichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Chloronaphthalene
- 2-Chlorophenol
- 2-Methylnaphthalene
- 2-Methylphenol(o-Cresol)
- 2-Nitroaniline
- 2-Nitrophenol
- 3-Nitroaniline
- 4-Bromophenylphenyl ether
- 4-Chloro-3-methylphenol
- 4-Chloroaniline
- 4-Chlorophenylphenyl ether
- 4-Nitroaniline
- Acenaphthene
- Acenaphthylene
- Aniline
- Anthracene
- Benzyl alcohol
- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluorene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- Hexachloroethane
- Isophorone
- N-Nitroso-di-n-propylamine
- N-Nitrosodiphenylamine
- Nitrobenzene
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 29, 2021

General Information:
16 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 608418

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- MW-3BRL_WG_20210316 (Lab ID: 92528627002)
  - Nitrobenzene-d5 (S)
- MW-3BR_WG_20210316 (Lab ID: 92528627001)
  - Nitrobenzene-d5 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 29, 2021

General Information:
19 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 608279

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3204477)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- LCS (Lab ID: 3204478)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MS (Lab ID: 3204479)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MSD (Lab ID: 3204480)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MW-47BR_WG_20210316 (Lab ID: 92528627015)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate

QC Batch: 608458

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3205005)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- LCS (Lab ID: 3205006)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MS (Lab ID: 3205007)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 29, 2021

QC Batch: 608458

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Diisopropyl ether
- Vinyl acetate

- MSD (Lab ID: 3205008)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MW-3BR_WG_20210316 (Lab ID: 92528627001)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate
- MW-45BR_WG_20210316 (Lab ID: 92528627013)
  - Bromoform
  - Diisopropyl ether
  - Vinyl acetate

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 608257

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.

- BLANK (Lab ID: 3204305)
  - Chloromethane
- FB-05_WG_20210317 (Lab ID: 92528627009)
  - Chloromethane
- TB-08_WG_20210317 (Lab ID: 92528627017)
  - Chloromethane
- TB-09_WG_20210317 (Lab ID: 92528627018)
  - Chloromethane
- TB-10_WG_20210317 (Lab ID: 92528627019)
  - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3204306)
  - Chloromethane
- MS (Lab ID: 3204307)
  - Chloromethane
- MSD (Lab ID: 3204308)
  - Chloromethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 29, 2021

QC Batch: 608267

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.

- BLANK (Lab ID: 3204394)
  - Bromomethane
  - Chloromethane
- MW-18_WG_20210316 (Lab ID: 92528627008)
  - Bromomethane
  - Chloromethane
- MW-21_WG_20210317 (Lab ID: 92528627010)
  - Bromomethane
  - Chloromethane
- MW-38BR_WG_20210316 (Lab ID: 92528627016)
  - Bromomethane
  - Chloromethane
- MW-38S_WG_20210316 (Lab ID: 92528627006)
  - Bromomethane
  - Chloromethane
- MW-39BRL_WG_20210317 (Lab ID: 92528627012)
  - Bromomethane
  - Chloromethane
- MW-39BR_WG_20210317 (Lab ID: 92528627011)
  - Bromomethane
  - Chloromethane
- MW-39S_WG_20210317 (Lab ID: 92528627005)
  - Bromomethane
  - Chloromethane
- MW-3BRL_WG_20210316 (Lab ID: 92528627002)
  - Bromomethane
  - Chloromethane
- MW-46BR_WG_20210316 (Lab ID: 92528627014)
  - Bromomethane
  - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3204395)
  - Bromomethane
  - Chloromethane
- MS (Lab ID: 3204396)
  - Chloromethane
- MSD (Lab ID: 3204397)
  - Chloromethane

QC Batch: 608279

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3204479)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 29, 2021

QC Batch: 608279

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- Bromomethane
- MSD (Lab ID: 3204480)
  - Bromomethane

QC Batch: 608458

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.

- BLANK (Lab ID: 3205005)
  - Bromomethane
- MW-3BR_WG_20210316 (Lab ID: 92528627001)
  - Bromomethane
- MW-45BR_WG_20210316 (Lab ID: 92528627013)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3205006)
  - Bromomethane
- MS (Lab ID: 3205007)
  - Bromomethane
- MSD (Lab ID: 3205008)
  - Bromomethane

QC Batch: 608862

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.

- BLANK (Lab ID: 3206865)
  - Bromomethane
- FD-03_WG_20210317 (Lab ID: 92528627007)
  - Bromomethane
- MW-21BRL_WG_20210317 (Lab ID: 92528627004)
  - Bromomethane
- MW-21BR_WG_20210317 (Lab ID: 92528627003)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3206866)
  - Bromomethane
- MS (Lab ID: 3206867)
  - Bromomethane
- MSD (Lab ID: 3206868)
  - Bromomethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 29, 2021

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608279

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528874001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3204479)
  - 1,2,3-Trichlorobenzene
  - 1,2,4-Trichlorobenzene
- MSD (Lab ID: 3204480)
  - 1,2,3-Trichlorobenzene

QC Batch: 608458

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960015

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3205008)
  - Naphthalene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: March 29, 2021

General Information:
7 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: March 29, 2021

General Information:
7 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608283

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528546001,92528730001

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3204502)
  - Sulfate
- MSD (Lab ID: 3204503)
  - Sulfate

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: **SM 5310B-2011**
Description: 5310B TOC
Client: Duke Energy
Date: March 29, 2021

General Information:
7 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID: 92528627001** Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**6.4J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	83-32-9	
Acenaphthylene	**16.2**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 10:57	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 10:57	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 10:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 10:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 10:57	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 10:57	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 10:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 10:57	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 10:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 10:57	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 10:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 10:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 10:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 10:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 10:57	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 10:57	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 10:57	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	84-66-2	
2,4-Dimethylphenol	**39.4**	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 10:57	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 10:57	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 10:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 10:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 10:57	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	206-44-0	
Fluorene	**3.4J**	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 10:57	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 10:57	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	78-59-1	
1-Methylnaphthalene	**26.7**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	90-12-0	
2-Methylnaphthalene	**26.0**	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 10:57	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID: 92528627001** Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 10:57	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 10:57	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 10:57	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 10:57	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 10:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 10:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 10:57	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 10:57	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	85-01-8	
Phenol	**1.5J**	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	10-144		1	03/22/21 11:39	03/23/21 10:57	4165-60-0	
2-Fluorobiphenyl (S)	55	%	10-130		1	03/22/21 11:39	03/23/21 10:57	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	03/22/21 11:39	03/23/21 10:57	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	03/22/21 11:39	03/23/21 10:57	13127-88-3	
2-Fluorophenol (S)	41	%	10-130		1	03/22/21 11:39	03/23/21 10:57	367-12-4	
2,4,6-Tribromophenol (S)	74	%	10-144		1	03/22/21 11:39	03/23/21 10:57	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 12:41	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	9	%	67-170		1	03/23/21 11:16	03/23/21 12:41	4165-60-0	S5
2-Fluorobiphenyl (S)	119	%	61-163		1	03/23/21 11:16	03/23/21 12:41	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/23/21 11:16	03/23/21 12:41	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	62.5	12.8	2.5		03/23/21 16:41	67-64-1	
Benzene	**281**	ug/L	2.5	0.86	2.5		03/23/21 16:41	71-43-2	
Bromobenzene	ND	ug/L	2.5	0.72	2.5		03/23/21 16:41	108-86-1	
Bromochloromethane	ND	ug/L	2.5	1.2	2.5		03/23/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	2.5	0.77	2.5		03/23/21 16:41	75-27-4	
Bromoform	ND	ug/L	2.5	0.85	2.5		03/23/21 16:41	75-25-2	IK
Bromomethane	ND	ug/L	5.0	4.2	2.5		03/23/21 16:41	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	12.5	9.9	2.5		03/23/21 16:41	78-93-3	
Carbon tetrachloride	ND	ug/L	2.5	0.83	2.5		03/23/21 16:41	56-23-5	
Chlorobenzene	ND	ug/L	2.5	0.71	2.5		03/23/21 16:41	108-90-7	
Chloroethane	ND	ug/L	2.5	1.6	2.5		03/23/21 16:41	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID: 92528627001** Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	12.5	3.9	2.5		03/23/21 16:41	67-66-3	
Chloromethane	ND	ug/L	2.5	1.4	2.5		03/23/21 16:41	74-87-3	
2-Chlorotoluene	ND	ug/L	2.5	0.80	2.5		03/23/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/L	2.5	0.81	2.5		03/23/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.85	2.5		03/23/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	2.5	0.90	2.5		03/23/21 16:41	124-48-1	
Dibromomethane	ND	ug/L	2.5	0.98	2.5		03/23/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.5	0.85	2.5		03/23/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.5	0.85	2.5		03/23/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.5	0.83	2.5		03/23/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.5	0.86	2.5		03/23/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.5	0.92	2.5		03/23/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.5	0.80	2.5		03/23/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.5	0.87	2.5		03/23/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.5	0.96	2.5		03/23/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.5	0.99	2.5		03/23/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.5	0.89	2.5		03/23/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.5	0.71	2.5		03/23/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.5	0.97	2.5		03/23/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.5	1.1	2.5		03/23/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.5	0.91	2.5		03/23/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.5	0.91	2.5		03/23/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/L	2.5	0.77	2.5		03/23/21 16:41	108-20-3	IK
Ethylbenzene	**35.8**	ug/L	2.5	0.76	2.5		03/23/21 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.8	2.5		03/23/21 16:41	87-68-3	
2-Hexanone	ND	ug/L	12.5	1.2	2.5		03/23/21 16:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.5	1.0	2.5		03/23/21 16:41	99-87-6	
Methylene Chloride	ND	ug/L	12.5	4.9	2.5		03/23/21 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	12.5	6.8	2.5		03/23/21 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.5	1.1	2.5		03/23/21 16:41	1634-04-4	
Naphthalene	**293**	ug/L	2.5	1.6	2.5		03/23/21 16:41	91-20-3	
Styrene	**11.3**	ug/L	2.5	0.73	2.5		03/23/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	0.78	2.5		03/23/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	0.56	2.5		03/23/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	2.5	0.73	2.5		03/23/21 16:41	127-18-4	
Toluene	**93.1**	ug/L	2.5	1.2	2.5		03/23/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.5	2.0	2.5		03/23/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.5	1.6	2.5		03/23/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.5	0.83	2.5		03/23/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.5	0.81	2.5		03/23/21 16:41	79-00-5	
Trichloroethene	ND	ug/L	2.5	0.96	2.5		03/23/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.5	0.74	2.5		03/23/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.5	0.65	2.5		03/23/21 16:41	96-18-4	
Vinyl acetate	ND	ug/L	5.0	3.3	2.5		03/23/21 16:41	108-05-4	IK
Vinyl chloride	ND	ug/L	2.5	0.96	2.5		03/23/21 16:41	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID: 92528627001** Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**60.6**	ug/L	2.5	0.84	2.5		03/23/21 16:41	1330-20-7	
m&p-Xylene	**37.6**	ug/L	5.0	1.8	2.5		03/23/21 16:41	179601-23-1	
o-Xylene	**23.0**	ug/L	2.5	0.84	2.5		03/23/21 16:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		2.5		03/23/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		2.5		03/23/21 16:41	17060-07-0	
Toluene-d8 (S)	106	%	70-130		2.5		03/23/21 16:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID: 92528627002** Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**56.8**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	83-32-9	
Acenaphthylene	**122**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	62-53-3	
Anthracene	**3.6J**	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 11:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 11:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 11:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 11:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 11:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 11:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 11:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 11:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 11:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 11:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 11:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 11:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 11:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 11:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 11:22	53-70-3	
Dibenzofuran	**9.1J**	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 11:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 11:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	84-66-2	
2,4-Dimethylphenol	**35.7**	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 11:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 11:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 11:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 11:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 11:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	206-44-0	
Fluorene	**28.8**	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 11:22	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 11:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	78-59-1	
1-Methylnaphthalene	**237**	ug/L	40.0	8.1	4	03/22/21 11:39	03/24/21 12:13	90-12-0	
2-Methylnaphthalene	**358**	ug/L	40.0	7.5	4	03/22/21 11:39	03/24/21 12:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	**4.7J**	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 11:22	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID: 92528627002** Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 11:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 11:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 11:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 11:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 11:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 11:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 11:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 11:22	87-86-5	
Phenanthrene	**22.3**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-144		1	03/22/21 11:39	03/23/21 11:22	4165-60-0	
2-Fluorobiphenyl (S)	95	%	10-130		1	03/22/21 11:39	03/23/21 11:22	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/22/21 11:39	03/23/21 11:22	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	03/22/21 11:39	03/23/21 11:22	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/22/21 11:39	03/23/21 11:22	367-12-4	
2,4,6-Tribromophenol (S)	120	%	10-144		1	03/22/21 11:39	03/23/21 11:22	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 13:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	40	%	67-170		1	03/23/21 11:16	03/23/21 13:03	4165-60-0	S5
2-Fluorobiphenyl (S)	108	%	61-163		1	03/23/21 11:16	03/23/21 13:03	321-60-8	
Terphenyl-d14 (S)	102	%	62-169		1	03/23/21 11:16	03/23/21 13:03	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	312	63.9	12.5		03/23/21 20:44	67-64-1	
Benzene	**523**	ug/L	12.5	4.3	12.5		03/23/21 20:44	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/23/21 20:44	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/23/21 20:44	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		03/23/21 20:44	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/23/21 20:44	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/23/21 20:44	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/23/21 20:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID: 92528627002** Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	62.5	19.5	12.5		03/23/21 20:44	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/23/21 20:44	74-87-3	v2
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/23/21 20:44	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/23/21 20:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/23/21 20:44	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/23/21 20:44	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/23/21 20:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/23/21 20:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/23/21 20:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/23/21 20:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/23/21 20:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/23/21 20:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/23/21 20:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/23/21 20:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/23/21 20:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/23/21 20:44	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/23/21 20:44	108-20-3	
Ethylbenzene	**104**	ug/L	12.5	3.8	12.5		03/23/21 20:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/23/21 20:44	87-68-3	
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/23/21 20:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/23/21 20:44	99-87-6	
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		03/23/21 20:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/23/21 20:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/23/21 20:44	1634-04-4	
Naphthalene	**2060**	ug/L	12.5	8.1	12.5		03/23/21 20:44	91-20-3	
Styrene	**17.6**	ug/L	12.5	3.6	12.5		03/23/21 20:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/23/21 20:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/23/21 20:44	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	127-18-4	
Toluene	**68.2**	ug/L	12.5	6.1	12.5		03/23/21 20:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/23/21 20:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/23/21 20:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/23/21 20:44	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/23/21 20:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/23/21 20:44	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/23/21 20:44	108-05-4	
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID: 92528627002** Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**107**	ug/L	12.5	4.2	12.5		03/23/21 20:44	1330-20-7	
m&p-Xylene	**66.3**	ug/L	25.0	8.9	12.5		03/23/21 20:44	179601-23-1	
o-Xylene	**40.8**	ug/L	12.5	4.2	12.5		03/23/21 20:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		12.5		03/23/21 20:44	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		12.5		03/23/21 20:44	17060-07-0	
Toluene-d8 (S)	88	%	70-130		12.5		03/23/21 20:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 **Lab ID: 92528627003** Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 13:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 13:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 13:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 13:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 13:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 13:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 13:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 13:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 13:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 13:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 13:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 13:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 13:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 13:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 13:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 13:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 13:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 13:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 13:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 13:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 13:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 13:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 13:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 13:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 13:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 **Lab ID: 92528627003** Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 13:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 13:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 13:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 13:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 13:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 13:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 13:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 13:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-144		1	03/22/21 11:39	03/23/21 13:55	4165-60-0	
2-Fluorobiphenyl (S)	65	%	10-130		1	03/22/21 11:39	03/23/21 13:55	321-60-8	
Terphenyl-d14 (S)	85	%	34-163		1	03/22/21 11:39	03/23/21 13:55	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/22/21 11:39	03/23/21 13:55	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/22/21 11:39	03/23/21 13:55	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		1	03/22/21 11:39	03/23/21 13:55	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 13:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/23/21 11:16	03/23/21 13:24	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/23/21 11:16	03/23/21 13:24	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/23/21 11:16	03/23/21 13:24	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/24/21 13:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/21 13:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/21 13:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/21 13:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/21 13:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/21 13:37	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/21 13:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/21 13:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/21 13:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/21 13:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 **Lab ID: 92528627003** Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/24/21 13:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/21 13:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/21 13:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/21 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/21 13:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/21 13:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/21 13:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/21 13:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/21 13:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/21 13:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/21 13:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/21 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/21 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/21 13:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/21 13:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/21 13:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/21 13:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/21 13:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/21 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/21 13:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/21 13:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/21 13:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/21 13:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/21 13:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/21 13:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/21 13:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/21 13:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/21 13:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/21 13:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/21 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/21 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/21 13:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/21 13:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/21 13:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/21 13:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/21 13:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/21 13:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/21 13:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/21 13:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/21 13:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/21 13:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/21 13:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/21 13:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 **Lab ID: 92528627003** Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/24/21 13:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/21 13:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/24/21 13:37	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		03/24/21 13:37	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/24/21 13:37	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID: 92528627004** Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	83-32-9	
Acenaphthylene	**12.4**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 14:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 14:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 14:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 14:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 14:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 14:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 14:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 14:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 14:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 14:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 14:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 14:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 14:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	78-59-1	
1-Methylnaphthalene	**18.2**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	90-12-0	
2-Methylnaphthalene	**32.3**	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:20	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID: 92528627004** Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 14:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 14:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 14:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 14:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	03/22/21 11:39	03/23/21 14:20	4165-60-0	
2-Fluorobiphenyl (S)	91	%	10-130		1	03/22/21 11:39	03/23/21 14:20	321-60-8	
Terphenyl-d14 (S)	169	%	34-163		1	03/22/21 11:39	03/23/21 14:20	1718-51-0	S0
Phenol-d6 (S)	55	%	10-130		1	03/22/21 11:39	03/23/21 14:20	13127-88-3	
2-Fluorophenol (S)	70	%	10-130		1	03/22/21 11:39	03/23/21 14:20	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/22/21 11:39	03/23/21 14:20	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 13:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	03/23/21 11:16	03/23/21 13:46	4165-60-0	
2-Fluorobiphenyl (S)	125	%	61-163		1	03/23/21 11:16	03/23/21 13:46	321-60-8	
Terphenyl-d14 (S)	116	%	62-169		1	03/23/21 11:16	03/23/21 13:46	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	125	25.6	5		03/24/21 19:21	67-64-1	
Benzene	**9.5**	ug/L	5.0	1.7	5		03/24/21 19:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		03/24/21 19:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:21	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		03/24/21 19:21	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		03/24/21 19:21	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		03/24/21 19:21	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		03/24/21 19:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:21	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		03/24/21 19:21	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID: 92528627004** Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	25.0	7.8	5		03/24/21 19:21	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		03/24/21 19:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		03/24/21 19:21	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		03/24/21 19:21	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		03/24/21 19:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		03/24/21 19:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		03/24/21 19:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		03/24/21 19:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		03/24/21 19:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		03/24/21 19:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		03/24/21 19:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		03/24/21 19:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:21	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		03/24/21 19:21	108-20-3	
Ethylbenzene	**14.3**	ug/L	5.0	1.5	5		03/24/21 19:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		03/24/21 19:21	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		03/24/21 19:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		03/24/21 19:21	99-87-6	
Methylene Chloride	ND	ug/L	25.0	9.8	5		03/24/21 19:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		03/24/21 19:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		03/24/21 19:21	1634-04-4	
Naphthalene	**451**	ug/L	5.0	3.2	5		03/24/21 19:21	91-20-3	
Styrene	**47.3**	ug/L	5.0	1.5	5		03/24/21 19:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		03/24/21 19:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		03/24/21 19:21	127-18-4	
Toluene	**86.1**	ug/L	5.0	2.4	5		03/24/21 19:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		03/24/21 19:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		03/24/21 19:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		03/24/21 19:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:21	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		03/24/21 19:21	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		03/24/21 19:21	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		03/24/21 19:21	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID: 92528627004** Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**57.9**	ug/L	5.0	1.7	5		03/24/21 19:21	1330-20-7	
m&p-Xylene	**40.4**	ug/L	10.0	3.5	5		03/24/21 19:21	179601-23-1	
o-Xylene	**17.5**	ug/L	5.0	1.7	5		03/24/21 19:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		5		03/24/21 19:21	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		5		03/24/21 19:21	17060-07-0	
Toluene-d8 (S)	101	%	70-130		5		03/24/21 19:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 **Lab ID: 92528627005** Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	83-32-9	R1
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	208-96-8	R1
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 14:45	120-12-7	R1
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 14:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 14:45	65-85-0	M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 14:45	100-51-6	R1
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:45	101-55-3	R1
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 14:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 14:45	59-50-7	R1
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 14:45	106-47-8	R1
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:45	111-91-1	R1
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	111-44-4	R1
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	91-58-7	R1
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:45	95-57-8	R1
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	7005-72-3	R1
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:45	132-64-9	R1
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 14:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	120-83-2	R1
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	84-66-2	R1
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	105-67-9	R1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:45	131-11-3	R1
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 14:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 14:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	121-14-2	R1
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	606-20-2	R1
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 14:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 14:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:45	86-73-7	R1
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	118-74-1	R1
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	77-47-4	R1
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	67-72-1	R1
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 14:45	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	78-59-1	R1
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	90-12-0	R1
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	91-57-6	R1
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	95-48-7	R1
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:45	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 **Lab ID: 92528627005** Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 14:45	88-74-4	R1
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:45	99-09-2	R1
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 14:45	100-01-6	R1
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	98-95-3	R1
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	88-75-5	R1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 14:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 14:45	621-64-7	R1
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:45	86-30-6	R1
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:45	108-60-1	R1
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	95-95-4	R1
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	88-06-2	R1
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	03/22/21 11:39	03/23/21 14:45	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/22/21 11:39	03/23/21 14:45	321-60-8	
Terphenyl-d14 (S)	151	%	34-163		1	03/22/21 11:39	03/23/21 14:45	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/22/21 11:39	03/23/21 14:45	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/22/21 11:39	03/23/21 14:45	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-144		1	03/22/21 11:39	03/23/21 14:45	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 14:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	67-170		1	03/23/21 11:16	03/23/21 14:08	4165-60-0	
2-Fluorobiphenyl (S)	133	%	61-163		1	03/23/21 11:16	03/23/21 14:08	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/23/21 11:16	03/23/21 14:08	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 17:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 17:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 17:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 17:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 17:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 17:44	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 17:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 17:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 17:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 17:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 **Lab ID: 92528627005** Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 17:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 17:44	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 17:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 17:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 17:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 17:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 17:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 17:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 17:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 17:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 17:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 17:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 17:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 17:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 17:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 17:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 17:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 17:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 17:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 17:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 17:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 17:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 17:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 17:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 17:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 17:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 17:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 17:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 17:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 17:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 17:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 17:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 17:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 17:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 17:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 **Lab ID: 92528627005** Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 17:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 17:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 17:44	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/23/21 17:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/23/21 17:44	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 **Lab ID: 92528627006** Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 16:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 16:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 16:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 16:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 16:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 16:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 16:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 16:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 16:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 16:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 16:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 16:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 16:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:01	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 **Lab ID: 92528627006** Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 16:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 16:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 16:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 16:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-144		1	03/22/21 11:39	03/23/21 16:01	4165-60-0	
2-Fluorobiphenyl (S)	76	%	10-130		1	03/22/21 11:39	03/23/21 16:01	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/22/21 11:39	03/23/21 16:01	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/22/21 11:39	03/23/21 16:01	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	03/22/21 11:39	03/23/21 16:01	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-144		1	03/22/21 11:39	03/23/21 16:01	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 15:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	119	%	67-170		1	03/23/21 11:16	03/23/21 15:13	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/23/21 11:16	03/23/21 15:13	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/23/21 11:16	03/23/21 15:13	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 17:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 17:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 17:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 17:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 17:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 17:25	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 17:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 17:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 17:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 17:25	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 **Lab ID: 92528627006** Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 17:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 17:25	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 17:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 17:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 17:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 17:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 17:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 17:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 17:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 17:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 17:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 17:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 17:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 17:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 17:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 17:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 17:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 17:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 17:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 17:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 17:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 17:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 17:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 17:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 17:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 17:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 17:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 17:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 17:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 17:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 17:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 17:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 17:25	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 **Lab ID: 92528627006** Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 17:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 17:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 17:25	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/21 17:25	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		03/23/21 17:25	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FD-03_WG_20210317 **Lab ID: 92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	83-32-9	
Acenaphthylene	**8.1J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 16:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 16:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:27	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 16:27	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 16:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 16:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 16:27	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 16:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:27	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 16:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 16:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 16:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 16:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 16:27	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:27	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 16:27	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	78-59-1	
1-Methylnaphthalene	**12.3**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	90-12-0	
2-Methylnaphthalene	**21.9**	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:27	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FD-03_WG_20210317 **Lab ID: 92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 16:27	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:27	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 16:27	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 16:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 16:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:27	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:27	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	10-144		1	03/22/21 11:39	03/23/21 16:27	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	03/22/21 11:39	03/23/21 16:27	321-60-8	
Terphenyl-d14 (S)	109	%	34-163		1	03/22/21 11:39	03/23/21 16:27	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/22/21 11:39	03/23/21 16:27	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/22/21 11:39	03/23/21 16:27	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		1	03/22/21 11:39	03/23/21 16:27	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 15:34	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	67-170		1	03/23/21 11:16	03/23/21 15:34	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/23/21 11:16	03/23/21 15:34	321-60-8	
Terphenyl-d14 (S)	117	%	62-169		1	03/23/21 11:16	03/23/21 15:34	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	125	25.6	5		03/24/21 19:39	67-64-1	
Benzene	**9.6**	ug/L	5.0	1.7	5		03/24/21 19:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		03/24/21 19:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:39	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		03/24/21 19:39	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		03/24/21 19:39	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		03/24/21 19:39	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		03/24/21 19:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:39	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		03/24/21 19:39	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FD-03_WG_20210317 **Lab ID: 92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	25.0	7.8	5		03/24/21 19:39	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		03/24/21 19:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		03/24/21 19:39	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		03/24/21 19:39	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		03/24/21 19:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		03/24/21 19:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		03/24/21 19:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		03/24/21 19:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		03/24/21 19:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		03/24/21 19:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		03/24/21 19:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		03/24/21 19:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:39	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		03/24/21 19:39	108-20-3	
Ethylbenzene	**17.8**	ug/L	5.0	1.5	5		03/24/21 19:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		03/24/21 19:39	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		03/24/21 19:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		03/24/21 19:39	99-87-6	
Methylene Chloride	ND	ug/L	25.0	9.8	5		03/24/21 19:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		03/24/21 19:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		03/24/21 19:39	1634-04-4	
Naphthalene	**675**	ug/L	5.0	3.2	5		03/24/21 19:39	91-20-3	
Styrene	**58.0**	ug/L	5.0	1.5	5		03/24/21 19:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		03/24/21 19:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		03/24/21 19:39	127-18-4	
Toluene	**97.7**	ug/L	5.0	2.4	5		03/24/21 19:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		03/24/21 19:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		03/24/21 19:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		03/24/21 19:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:39	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		03/24/21 19:39	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		03/24/21 19:39	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		03/24/21 19:39	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FD-03_WG_20210317 **Lab ID: 92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**78.9**	ug/L	5.0	1.7	5		03/24/21 19:39	1330-20-7	
m&p-Xylene	**55.6**	ug/L	10.0	3.5	5		03/24/21 19:39	179601-23-1	
o-Xylene	**23.3**	ug/L	5.0	1.7	5		03/24/21 19:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		5		03/24/21 19:39	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		5		03/24/21 19:39	17060-07-0	
Toluene-d8 (S)	102	%	70-130		5		03/24/21 19:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 16:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 16:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 16:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 16:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 16:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 16:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 16:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 16:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 16:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 16:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 16:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 16:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 16:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 16:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 16:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 16:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 16:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	88	%	10-144		1	03/22/21 11:39	03/23/21 16:52	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/22/21 11:39	03/23/21 16:52	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	03/22/21 11:39	03/23/21 16:52	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/22/21 11:39	03/23/21 16:52	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/22/21 11:39	03/23/21 16:52	367-12-4	
2,4,6-Tribromophenol (S)	104	%	10-144		1	03/22/21 11:39	03/23/21 16:52	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 16:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	03/23/21 11:16	03/23/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/23/21 11:16	03/23/21 16:17	321-60-8	
Terphenyl-d14 (S)	119	%	62-169		1	03/23/21 11:16	03/23/21 16:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 20:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 20:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 20:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 20:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 20:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 20:08	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 20:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 20:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 20:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 20:08	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 20:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 20:08	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 20:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 20:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 20:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 20:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 20:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 20:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 20:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 20:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 20:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 20:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 20:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 20:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 20:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 20:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 20:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 20:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 20:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 20:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 20:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 20:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 20:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 20:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 20:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 20:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 20:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 20:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 20:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 20:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 20:08	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 20:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 20:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/23/21 20:08	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/21 20:08	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		03/23/21 20:08	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 17:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 17:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:18	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 17:18	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 17:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 17:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 17:18	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 17:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:18	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 17:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 17:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 17:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 17:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 17:18	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:18	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 17:18	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:18	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 17:18	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:18	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 17:18	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 17:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 17:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:18	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:18	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-144		1	03/22/21 11:39	03/23/21 17:18	4165-60-0	
2-Fluorobiphenyl (S)	37	%	10-130		1	03/22/21 11:39	03/23/21 17:18	321-60-8	
Terphenyl-d14 (S)	99	%	34-163		1	03/22/21 11:39	03/23/21 17:18	1718-51-0	
Phenol-d6 (S)	24	%	10-130		1	03/22/21 11:39	03/23/21 17:18	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	03/22/21 11:39	03/23/21 17:18	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-144		1	03/22/21 11:39	03/23/21 17:18	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 16:39	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	123	%	67-170		1	03/23/21 11:16	03/23/21 16:39	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/23/21 11:16	03/23/21 16:39	321-60-8	
Terphenyl-d14 (S)	118	%	62-169		1	03/23/21 11:16	03/23/21 16:39	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 12:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 12:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 12:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 12:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 12:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 12:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 12:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 12:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 12:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 12:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 12:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 12:44	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 12:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 12:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 12:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 12:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 12:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 12:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 12:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 12:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 12:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 12:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 12:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 12:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 12:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 12:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 12:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 12:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 12:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 12:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 12:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 12:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 12:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 12:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 12:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 12:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 12:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 12:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 12:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 12:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 12:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 12:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 12:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 12:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 12:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 12:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 12:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 12:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 12:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 12:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 12:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 12:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 12:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 12:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 12:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 12:44	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		03/23/21 12:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/21 12:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21_WG_20210317 **Lab ID: 92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**2070**	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 01:54	7439-89-6	
Manganese	**104**	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 01:54	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**2040**	ug/L	250	208	5	03/22/21 16:29	03/24/21 21:43	7439-89-6	
Manganese, Dissolved	**98.0**	ug/L	25.0	17.2	5	03/22/21 16:29	03/24/21 21:43	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 17:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 17:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 17:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 17:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 17:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 17:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 17:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 17:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 17:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 17:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 17:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 17:43	117-81-7	
Fluoranthene	**4.0J**	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21_WG_20210317 **Lab ID: 92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 17:43	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:43	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 17:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 17:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 17:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 17:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:43	87-86-5	
Phenanthrene	**2.2J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	108-95-2	
Pyrene	**3.6J**	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		1	03/22/21 11:39	03/23/21 17:43	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/22/21 11:39	03/23/21 17:43	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	03/22/21 11:39	03/23/21 17:43	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	03/22/21 11:39	03/23/21 17:43	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/22/21 11:39	03/23/21 17:43	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-144		1	03/22/21 11:39	03/23/21 17:43	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 17:01	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	67-170		1	03/23/21 11:16	03/23/21 17:01	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	03/23/21 11:16	03/23/21 17:01	321-60-8	
Terphenyl-d14 (S)	111	%	62-169		1	03/23/21 11:16	03/23/21 17:01	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 16:49	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21_WG_20210317 **Lab ID: 92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	**0.62J**	ug/L	1.0	0.34	1		03/23/21 16:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:49	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:49	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:49	108-20-3	
Ethylbenzene	**0.40J**	ug/L	1.0	0.30	1		03/23/21 16:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:49	1634-04-4	
Naphthalene	**1.2**	ug/L	1.0	0.64	1		03/23/21 16:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 16:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:49	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21_WG_20210317 **Lab ID: 92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 16:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:49	75-01-4	
Xylene (Total)	**0.41J**	ug/L	1.0	0.34	1		03/23/21 16:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 16:49	179601-23-1	
o-Xylene	**0.41J**	ug/L	1.0	0.34	1		03/23/21 16:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 16:49	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/23/21 16:49	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		03/23/21 16:49	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:50	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**22.3**	mg/L	1.0	0.50	1		03/22/21 22:24	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**3.2**	mg/L	1.0	0.50	1		03/27/21 00:33	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BR_WG_20210317 **Lab ID: 92528627011** Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**1860**	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:07	7439-89-6	
Manganese	**114**	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:07	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**1690**	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:15	7439-89-6	
Manganese, Dissolved	**108**	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:15	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 18:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 18:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:09	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 18:09	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 18:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 18:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 18:09	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 18:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:09	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 18:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 18:09	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 18:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 18:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 18:09	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BR_WG_20210317 **Lab ID: 92528627011** Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:09	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 18:09	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:09	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 18:09	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:09	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 18:09	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 18:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 18:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:09	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:09	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		1	03/22/21 11:39	03/23/21 18:09	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/22/21 11:39	03/23/21 18:09	321-60-8	
Terphenyl-d14 (S)	130	%	34-163		1	03/22/21 11:39	03/23/21 18:09	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	03/22/21 11:39	03/23/21 18:09	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/22/21 11:39	03/23/21 18:09	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-144		1	03/22/21 11:39	03/23/21 18:09	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 17:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	118	%	67-170		1	03/23/21 11:16	03/23/21 17:22	4165-60-0	
2-Fluorobiphenyl (S)	124	%	61-163		1	03/23/21 11:16	03/23/21 17:22	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/23/21 11:16	03/23/21 17:22	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 16:31	67-64-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BR_WG_20210317 **Lab ID: 92528627011** Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 16:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:31	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:31	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:31	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:31	74-95-3	
1,2-Dichlorobenzene	**0.38J**	ug/L	1.0	0.34	1		03/23/21 16:31	95-50-1	
1,3-Dichlorobenzene	**0.56J**	ug/L	1.0	0.34	1		03/23/21 16:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 16:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:31	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BR_WG_20210317 **Lab ID: 92528627011** Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 16:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:31	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 16:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 16:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 16:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 16:31	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/23/21 16:31	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		03/23/21 16:31	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:51	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**35.7**	mg/L	1.0	0.50	1		03/22/21 22:38	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**0.62J**	mg/L	1.0	0.50	1		03/27/21 03:25	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 **Lab ID: 92528627012** Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**91.8**	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:10	7439-89-6	
Manganese	**4.8J**	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:10	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**52.2**	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:19	7439-89-6	
Manganese, Dissolved	**7.8**	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:19	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 18:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 18:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:34	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 18:34	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 18:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 18:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 18:34	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 18:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:34	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 18:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 18:34	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 18:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 18:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 18:34	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 **Lab ID: 92528627012** Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:34	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 18:34	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:34	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 18:34	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 18:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 18:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 18:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:34	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:34	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-144		1	03/22/21 11:39	03/23/21 18:34	4165-60-0	
2-Fluorobiphenyl (S)	74	%	10-130		1	03/22/21 11:39	03/23/21 18:34	321-60-8	
Terphenyl-d14 (S)	132	%	34-163		1	03/22/21 11:39	03/23/21 18:34	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	03/22/21 11:39	03/23/21 18:34	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		1	03/22/21 11:39	03/23/21 18:34	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-144		1	03/22/21 11:39	03/23/21 18:34	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 17:44	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	03/23/21 11:16	03/23/21 17:44	4165-60-0	
2-Fluorobiphenyl (S)	124	%	61-163		1	03/23/21 11:16	03/23/21 17:44	321-60-8	
Terphenyl-d14 (S)	108	%	62-169		1	03/23/21 11:16	03/23/21 17:44	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 16:13	67-64-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 **Lab ID: 92528627012** Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:13	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:13	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:13	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 16:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 16:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 16:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:13	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 **Lab ID: 92528627012** Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 16:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:13	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 16:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 16:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		03/23/21 16:13	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/23/21 16:13	17060-07-0	
Toluene-d8 (S)	124	%	70-130		1		03/23/21 16:13	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.54**	mg/L	0.10	0.050	1		03/23/21 05:51	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**586**	mg/L	12.0	6.0	12		03/23/21 11:58	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**51.7**	mg/L	2.0	1.0	2		03/27/21 19:17	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**64.3**	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:14	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:14	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**10900**	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:22	7439-89-6	
Manganese, Dissolved	**83.9**	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:22	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**2.3J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 18:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 18:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:59	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 18:59	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 18:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 18:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 18:59	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 18:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:59	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 18:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 18:59	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 18:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 18:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 18:59	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	206-44-0	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:59	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 18:59	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	78-59-1	
1-Methylnaphthalene	**6.8J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	90-12-0	
2-Methylnaphthalene	**8.3J**	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:59	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 18:59	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:59	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 18:59	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 18:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 18:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:59	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:59	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	85-01-8	
Phenol	**2.8J**	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-144		1	03/22/21 11:39	03/23/21 18:59	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/22/21 11:39	03/23/21 18:59	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/22/21 11:39	03/23/21 18:59	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/22/21 11:39	03/23/21 18:59	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/22/21 11:39	03/23/21 18:59	367-12-4	
2,4,6-Tribromophenol (S)	130	%	10-144		1	03/22/21 11:39	03/23/21 18:59	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 18:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	121	%	67-170		1	03/23/21 11:16	03/23/21 18:05	4165-60-0	
2-Fluorobiphenyl (S)	141	%	61-163		1	03/23/21 11:16	03/23/21 18:05	321-60-8	
Terphenyl-d14 (S)	116	%	62-169		1	03/23/21 11:16	03/23/21 18:05	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**260**	ug/L	25.0	5.1	1		03/23/21 16:06	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	**142**	ug/L	1.0	0.34	1		03/23/21 16:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:06	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:06	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:06	108-20-3	IK
Ethylbenzene	**16.6**	ug/L	1.0	0.30	1		03/23/21 16:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:06	1634-04-4	
Naphthalene	**172**	ug/L	1.0	0.64	1		03/23/21 16:06	91-20-3	
Styrene	**6.9**	ug/L	1.0	0.29	1		03/23/21 16:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:06	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	**40.7**	ug/L	1.0	0.48	1		03/23/21 16:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:06	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:06	75-01-4	
Xylene (Total)	**23.3**	ug/L	1.0	0.34	1		03/23/21 16:06	1330-20-7	
m&p-Xylene	**13.7**	ug/L	2.0	0.71	1		03/23/21 16:06	179601-23-1	
o-Xylene	**9.6**	ug/L	1.0	0.34	1		03/23/21 16:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 16:06	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/23/21 16:06	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/21 16:06	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.10**	mg/L	0.10	0.050	1		03/23/21 05:43	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**118**	mg/L	3.0	1.5	3		03/23/21 12:13	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**22.8**	mg/L	1.0	0.50	1		03/27/21 04:00	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 **Lab ID: 92528627014** Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**348**	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:17	7439-89-6	
Manganese	**7.4**	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:17	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**260**	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:25	7439-89-6	
Manganese, Dissolved	**6.3**	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:25	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 19:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:25	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 19:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:25	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 19:25	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 19:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 19:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 19:25	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 19:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:25	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 19:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 19:25	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 19:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 19:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 19:25	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 **Lab ID: 92528627014** Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:25	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 19:25	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:25	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 19:25	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:25	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 19:25	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 19:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 19:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:25	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:25	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	43	%	10-144		1	03/22/21 11:39	03/23/21 19:25	4165-60-0	
2-Fluorobiphenyl (S)	38	%	10-130		1	03/22/21 11:39	03/23/21 19:25	321-60-8	
Terphenyl-d14 (S)	90	%	34-163		1	03/22/21 11:39	03/23/21 19:25	1718-51-0	
Phenol-d6 (S)	23	%	10-130		1	03/22/21 11:39	03/23/21 19:25	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	03/22/21 11:39	03/23/21 19:25	367-12-4	
2,4,6-Tribromophenol (S)	44	%	10-144		1	03/22/21 11:39	03/23/21 19:25	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 18:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/23/21 11:16	03/23/21 18:27	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/23/21 11:16	03/23/21 18:27	321-60-8	
Terphenyl-d14 (S)	110	%	62-169		1	03/23/21 11:16	03/23/21 18:27	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 17:07	67-64-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 **Lab ID: 92528627014** Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 17:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 17:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 17:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 17:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 17:07	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 17:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 17:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 17:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 17:07	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 17:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 17:07	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 17:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 17:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 17:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 17:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 17:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 17:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 17:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 17:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 17:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 17:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 17:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 17:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 17:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 17:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 17:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 17:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 17:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 17:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 17:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 17:07	1634-04-4	
Naphthalene	**11.4**	ug/L	1.0	0.64	1		03/23/21 17:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 17:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 17:07	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 **Lab ID: 92528627014** Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	**0.82J**	ug/L	1.0	0.48	1		03/23/21 17:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 17:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 17:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 17:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 17:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 17:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 17:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 17:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 17:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 17:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 17:07	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/21 17:07	17060-07-0	
Toluene-d8 (S)	88	%	70-130		1		03/23/21 17:07	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.51**	mg/L	0.10	0.050	1		03/23/21 05:44	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**4.2**	mg/L	1.0	0.50	1		03/22/21 23:18	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**4.1**	mg/L	1.0	0.50	1		03/27/21 04:20	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 **Lab ID: 92528627015** Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**159**	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:20	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:20	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**79.7**	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 21:46	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:42	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**3.1J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	83-32-9	
Acenaphthylene	**40.8**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 19:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 19:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:50	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 19:50	65-85-0	
Benzyl alcohol	**5.3J**	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 19:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 19:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 19:50	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 19:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:50	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 19:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	84-66-2	
2,4-Dimethylphenol	**15.2**	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 19:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 19:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 19:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 19:50	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	206-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 **Lab ID: 92528627015** Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	**6.7J**	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:50	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 19:50	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	78-59-1	
1-Methylnaphthalene	**63.9**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	90-12-0	
2-Methylnaphthalene	**97.9**	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	**7.1J**	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:50	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 19:50	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:50	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 19:50	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 19:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 19:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:50	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:50	87-86-5	
Phenanthrene	**6.7J**	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	85-01-8	
Phenol	**3.0J**	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	10-144		1	03/22/21 11:39	03/23/21 19:50	4165-60-0	
2-Fluorobiphenyl (S)	55	%	10-130		1	03/22/21 11:39	03/23/21 19:50	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	03/22/21 11:39	03/23/21 19:50	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	03/22/21 11:39	03/23/21 19:50	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/22/21 11:39	03/23/21 19:50	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-144		1	03/22/21 11:39	03/23/21 19:50	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 18:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	89	%	67-170		1	03/23/21 11:16	03/23/21 18:49	4165-60-0	
2-Fluorobiphenyl (S)	116	%	61-163		1	03/23/21 11:16	03/23/21 18:49	321-60-8	
Terphenyl-d14 (S)	104	%	62-169		1	03/23/21 11:16	03/23/21 18:49	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**253**	ug/L	250	51.1	10		03/23/21 02:23	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 **Lab ID: 92528627015** Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	**194**	ug/L	10.0	3.4	10		03/23/21 02:23	71-43-2	
Bromobenzene	ND	ug/L	10.0	2.9	10		03/23/21 02:23	108-86-1	
Bromochloromethane	ND	ug/L	10.0	4.7	10		03/23/21 02:23	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	3.1	10		03/23/21 02:23	75-27-4	
Bromoform	ND	ug/L	10.0	3.4	10		03/23/21 02:23	75-25-2	IK
Bromomethane	ND	ug/L	20.0	16.6	10		03/23/21 02:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		03/23/21 02:23	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		03/23/21 02:23	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.8	10		03/23/21 02:23	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		03/23/21 02:23	75-00-3	
Chloroform	ND	ug/L	50.0	15.6	10		03/23/21 02:23	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		03/23/21 02:23	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/23/21 02:23	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/23/21 02:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	3.4	10		03/23/21 02:23	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	3.6	10		03/23/21 02:23	124-48-1	
Dibromomethane	ND	ug/L	10.0	3.9	10		03/23/21 02:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/23/21 02:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/23/21 02:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		03/23/21 02:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	3.5	10		03/23/21 02:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.7	10		03/23/21 02:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	3.2	10		03/23/21 02:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	3.5	10		03/23/21 02:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	3.8	10		03/23/21 02:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.0	10		03/23/21 02:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	3.6	10		03/23/21 02:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		03/23/21 02:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	3.9	10		03/23/21 02:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.3	10		03/23/21 02:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/23/21 02:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/23/21 02:23	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	3.1	10		03/23/21 02:23	108-20-3	IK
Ethylbenzene	**263**	ug/L	10.0	3.0	10		03/23/21 02:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		03/23/21 02:23	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.8	10		03/23/21 02:23	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	4.1	10		03/23/21 02:23	99-87-6	
Methylene Chloride	ND	ug/L	50.0	19.5	10		03/23/21 02:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	27.1	10		03/23/21 02:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	4.2	10		03/23/21 02:23	1634-04-4	
Naphthalene	**1630**	ug/L	10.0	6.4	10		03/23/21 02:23	91-20-3	
Styrene	**73.6**	ug/L	10.0	2.9	10		03/23/21 02:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.1	10		03/23/21 02:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	2.2	10		03/23/21 02:23	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	2.9	10		03/23/21 02:23	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 **Lab ID: 92528627015** Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	**1770**	ug/L	10.0	4.8	10		03/23/21 02:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	8.1	10		03/23/21 02:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	6.4	10		03/23/21 02:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	3.3	10		03/23/21 02:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	3.2	10		03/23/21 02:23	79-00-5	
Trichloroethene	ND	ug/L	10.0	3.8	10		03/23/21 02:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		03/23/21 02:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	2.6	10		03/23/21 02:23	96-18-4	
Vinyl acetate	ND	ug/L	20.0	13.1	10		03/23/21 02:23	108-05-4	IK
Vinyl chloride	ND	ug/L	10.0	3.9	10		03/23/21 02:23	75-01-4	
Xylene (Total)	**1380**	ug/L	10.0	3.4	10		03/23/21 02:23	1330-20-7	
m&p-Xylene	**881**	ug/L	20.0	7.1	10		03/23/21 02:23	179601-23-1	
o-Xylene	**499**	ug/L	10.0	3.4	10		03/23/21 02:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		10		03/23/21 02:23	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		10		03/23/21 02:23	17060-07-0	
Toluene-d8 (S)	109	%	70-130		10		03/23/21 02:23	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:45	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**24.1**	mg/L	1.0	0.50	1		03/22/21 23:32	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**35.2**	mg/L	1.0	0.50	1		03/27/21 04:36	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 21:39	7439-89-6	
Manganese	**12.6**	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:37	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 21:49	7439-89-6	
Manganese, Dissolved	**11.9**	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:45	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 20:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 20:16	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 20:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 20:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 20:16	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 20:16	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 20:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 20:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 20:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 20:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 20:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 20:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 20:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 20:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 20:16	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 20:16	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 20:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 20:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 20:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 20:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 20:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 20:16	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 20:16	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 20:16	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 20:16	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 20:16	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 20:16	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 20:16	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 20:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 20:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 20:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 20:16	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 20:16	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/22/21 11:39	03/23/21 20:16	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/22/21 11:39	03/23/21 20:16	321-60-8	
Terphenyl-d14 (S)	135	%	34-163		1	03/22/21 11:39	03/23/21 20:16	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/22/21 11:39	03/23/21 20:16	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/22/21 11:39	03/23/21 20:16	367-12-4	
2,4,6-Tribromophenol (S)	117	%	10-144		1	03/22/21 11:39	03/23/21 20:16	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 19:10	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	67-170		1	03/23/21 11:16	03/23/21 19:10	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/23/21 11:16	03/23/21 19:10	321-60-8	
Terphenyl-d14 (S)	115	%	62-169		1	03/23/21 11:16	03/23/21 19:10	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 15:55	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 15:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 15:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 15:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 15:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 15:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 15:55	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 15:55	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 15:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 15:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 15:55	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 15:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 15:55	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 15:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 15:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 15:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 15:55	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 15:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 15:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 15:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 15:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 15:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 15:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 15:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 15:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 15:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 15:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 15:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 15:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 15:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 15:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 15:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 15:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 15:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 15:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 15:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 15:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 15:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 15:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 15:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 15:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 15:55	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 15:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 15:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 15:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 15:55	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 15:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 15:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 15:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 15:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 15:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 15:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 15:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 15:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 15:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 15:55	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 15:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 15:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 15:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/21 15:55	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/23/21 15:55	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/23/21 15:55	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:46	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**10.3**	mg/L	1.0	0.50	1		03/22/21 23:45	14808-79-8	
5310B TOC	Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville								
Total Organic Carbon	**2.7**	mg/L	1.0	0.50	1		03/27/21 04:56	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-08_WG_20210317 **Lab ID: 92528627017** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 13:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 13:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 13:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 13:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 13:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 13:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 13:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 13:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 13:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 13:02	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 13:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 13:02	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 13:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 13:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 13:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 13:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 13:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 13:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 13:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 13:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 13:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 13:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 13:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 13:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 13:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 13:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 13:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 13:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 13:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 13:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 13:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 13:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 13:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 13:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 13:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 13:02	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-08_WG_20210317 **Lab ID: 92528627017** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 13:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 13:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 13:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 13:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 13:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 13:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 13:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 13:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 13:02	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 13:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 13:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 13:02	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/23/21 13:02	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/23/21 13:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-09_WG_20210317 **Lab ID: 92528627018** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 13:20	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 13:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 13:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 13:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 13:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 13:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 13:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 13:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 13:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 13:20	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 13:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 13:20	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 13:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 13:20	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 13:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 13:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 13:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 13:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 13:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 13:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 13:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 13:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 13:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 13:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 13:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 13:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 13:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 13:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 13:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 13:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 13:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 13:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 13:20	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 13:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 13:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 13:20	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-09_WG_20210317 **Lab ID: 92528627018** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 13:20	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 13:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 13:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 13:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 13:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 13:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 13:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 13:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 13:20	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 13:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 13:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/21 13:20	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/23/21 13:20	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/23/21 13:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-10_WG_20210317 **Lab ID: 92528627019** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 13:38	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 13:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 13:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 13:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 13:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 13:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 13:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 13:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 13:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 13:38	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 13:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 13:38	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 13:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 13:38	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 13:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 13:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 13:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 13:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 13:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 13:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 13:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 13:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 13:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 13:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 13:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 13:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 13:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 13:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 13:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 13:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 13:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 13:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 13:38	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 13:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 13:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 13:38	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-10_WG_20210317 **Lab ID: 92528627019** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 13:38	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 13:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 13:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 13:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 13:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 13:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 13:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 13:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 13:38	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 13:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 13:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 13:38	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/23/21 13:38	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/21 13:38	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608377
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204821 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/24/21 01:41	
Manganese	ug/L	ND	5.0	3.4	03/24/21 01:41	

LABORATORY CONTROL SAMPLE: 3204822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4610	92	80-120	
Manganese	ug/L	500	507	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204823 3204824

Parameter	Units	92528627010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	2070	5000	5000	6600	6670	91	92	75-125	1	20	
Manganese	ug/L	104	500	500	596	605	98	100	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608250
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204265 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/24/21 03:56	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/24/21 03:56	

LABORATORY CONTROL SAMPLE: 3204266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4230	85	80-120	
Manganese, Dissolved	ug/L	500	462	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204267 3204268

Parameter	Units	92528627010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	2040	5000	5000	6200	6080	83	81	75-125	2	20	
Manganese, Dissolved	ug/L	98.0	500	500	565	552	93	91	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608257
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528627009, 92528627017, 92528627018, 92528627019

METHOD BLANK: 3204305 Matrix: Water
Associated Lab Samples: 92528627009, 92528627017, 92528627018, 92528627019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 10:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 10:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 10:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 10:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 10:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 10:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 10:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 10:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 10:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 10:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 10:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 10:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 10:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 10:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 10:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 10:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 10:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 10:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 10:55	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 10:55	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 10:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 10:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 10:55	
Acetone	ug/L	ND	25.0	5.1	03/23/21 10:55	
Benzene	ug/L	ND	1.0	0.34	03/23/21 10:55	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 10:55	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 10:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 10:55	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 10:55	
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 10:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 10:55	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 10:55	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 10:55	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 10:55	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 10:55	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 10:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 10:55	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 10:55	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 10:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 10:55	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

METHOD BLANK: 3204305 Matrix: Water
Associated Lab Samples: 92528627009, 92528627017, 92528627018, 92528627019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 10:55	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 10:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 10:55	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 10:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 10:55	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 10:55	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 10:55	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 10:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 10:55	
Styrene	ug/L	ND	1.0	0.29	03/23/21 10:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 10:55	
Toluene	ug/L	ND	1.0	0.48	03/23/21 10:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 10:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 10:55	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 10:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 10:55	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 10:55	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 10:55	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 10:55	
1,2-Dichloroethane-d4 (S)	%	109	70-130		03/23/21 10:55	
4-Bromofluorobenzene (S)	%	96	70-130		03/23/21 10:55	
Toluene-d8 (S)	%	101	70-130		03/23/21 10:55	

LABORATORY CONTROL SAMPLE: 3204306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	70-130	
1,1,1-Trichloroethane	ug/L	50	46.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.6	97	70-130	
1,1,2-Trichloroethane	ug/L	50	46.9	94	70-130	
1,1-Dichloroethane	ug/L	50	48.4	97	70-130	
1,1-Dichloroethene	ug/L	50	45.2	90	70-130	
1,1-Dichloropropene	ug/L	50	47.8	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	70-130	
1,2,3-Trichloropropane	ug/L	50	49.1	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.2	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.6	95	70-130	
1,2-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,2-Dichloroethane	ug/L	50	46.9	94	70-130	
1,2-Dichloropropane	ug/L	50	48.9	98	70-130	
1,3-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,3-Dichloropropane	ug/L	50	48.8	98	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
2,2-Dichloropropane	ug/L	50	47.6	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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3204306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	104	104	70-130	
2-Chlorotoluene	ug/L	50	48.2	96	70-130	
2-Hexanone	ug/L	100	101	101	70-130	
4-Chlorotoluene	ug/L	50	46.1	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.3	98	70-130	
Acetone	ug/L	100	104	104	70-130	
Benzene	ug/L	50	47.8	96	70-130	
Bromobenzene	ug/L	50	46.0	92	70-130	
Bromochloromethane	ug/L	50	46.8	94	70-130	
Bromodichloromethane	ug/L	50	43.3	87	70-130	
Bromoform	ug/L	50	49.7	99	70-130	
Bromomethane	ug/L	50	41.7	83	70-130	
Carbon tetrachloride	ug/L	50	46.0	92	70-130	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	43.7	87	70-130	
Chloroform	ug/L	50	46.8	94	70-130	
Chloromethane	ug/L	50	39.8	80	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.6	95	70-130	
Dibromochloromethane	ug/L	50	49.3	99	70-130	
Dibromomethane	ug/L	50	46.6	93	70-130	
Dichlorodifluoromethane	ug/L	50	39.8	80	70-130	
Diisopropyl ether	ug/L	50	49.1	98	70-130	
Ethylbenzene	ug/L	50	48.5	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.7	105	70-130	
m&p-Xylene	ug/L	100	97.9	98	70-130	
Methyl-tert-butyl ether	ug/L	50	47.1	94	70-130	
Methylene Chloride	ug/L	50	47.1	94	70-130	
Naphthalene	ug/L	50	49.5	99	70-130	
o-Xylene	ug/L	50	48.0	96	70-130	
p-Isopropyltoluene	ug/L	50	48.7	97	70-130	
Styrene	ug/L	50	50.8	102	70-130	
Tetrachloroethene	ug/L	50	46.7	93	70-130	
Toluene	ug/L	50	46.7	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.8	96	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	70-130	
Trichloroethene	ug/L	50	48.0	96	70-130	
Trichlorofluoromethane	ug/L	50	41.8	84	70-130	
Vinyl acetate	ug/L	100	113	113	70-130	
Vinyl chloride	ug/L	50	41.0	82	70-130	
Xylene (Total)	ug/L	150	146	97	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204307 3204308

Parameter	Units	92528308001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.6	19.8	103	99	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	20.6	108	103	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	20.0	104	100	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.7	19.4	104	97	70-135	7	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.4	21.0	112	105	70-139	7	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.0	20.3	105	101	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.3	20.7	112	104	70-149	7	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.7	20.3	104	101	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.8	18.8	99	94	71-137	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	20.3	106	101	73-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.1	18.8	96	94	65-134	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	19.7	102	99	70-133	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.4	20.5	107	102	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.2	20.9	106	105	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	19.0	102	95	70-135	7	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.3	20.3	106	102	70-143	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.7	20.6	108	103	70-133	5	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.6	21.1	113	106	61-148	7	30	
2-Butanone (MEK)	ug/L	ND	40	40	44.4	41.3	111	103	60-139	7	30	
2-Chlorotoluene	ug/L	ND	20	20	20.5	20.2	103	101	70-144	1	30	
2-Hexanone	ug/L	ND	40	40	40.8	39.4	102	99	65-138	4	30	
4-Chlorotoluene	ug/L	ND	20	20	20.4	19.4	102	97	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	41.7	39.4	104	98	65-135	6	30	
Acetone	ug/L	ND	40	40	45.1	40.9	113	102	60-148	10	30	
Benzene	ug/L	ND	20	20	21.5	20.5	108	103	70-151	5	30	
Bromobenzene	ug/L	ND	20	20	20.0	19.1	100	96	70-136	4	30	
Bromochloromethane	ug/L	ND	20	20	21.1	19.6	106	98	70-141	8	30	
Bromodichloromethane	ug/L	ND	20	20	19.5	18.2	97	91	70-138	7	30	
Bromoform	ug/L	ND	20	20	20.0	18.5	100	92	63-130	8	30	
Bromomethane	ug/L	ND	20	20	15.0	16.8	75	84	15-152	12	30	
Carbon tetrachloride	ug/L	ND	20	20	21.8	20.3	109	101	70-143	7	30	
Chlorobenzene	ug/L	ND	20	20	21.0	20.6	105	103	70-138	2	30	
Chloroethane	ug/L	ND	20	20	21.1	19.5	105	98	52-163	8	30	
Chloroform	ug/L	ND	20	20	21.3	20.0	106	100	70-139	6	30	
Chloromethane	ug/L	ND	20	20	18.0	17.4	90	87	41-139	3	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	20.2	106	101	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	19.0	99	95	70-137	4	30	
Dibromochloromethane	ug/L	ND	20	20	20.6	20.0	103	100	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	20.7	19.6	103	98	70-138	5	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.8	18.7	94	94	47-155	0	30	
Diisopropyl ether	ug/L	ND	20	20	21.3	20.5	107	102	63-144	4	30	
Ethylbenzene	ug/L	ND	20	20	21.5	20.2	107	101	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.3	23.0	116	115	65-149	1	30	
m&p-Xylene	ug/L	ND	40	40	43.2	41.3	108	103	69-152	4	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204307 3204308

Parameter	Units	92528308001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.4	19.0	102	95	54-156	7	30	
Methylene Chloride	ug/L	ND	20	20	21.7	20.7	109	103	42-159	5	30	
Naphthalene	ug/L	ND	20	20	19.2	19.1	96	96	61-148	0	30	
o-Xylene	ug/L	ND	20	20	20.5	19.8	103	99	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.2	20.3	106	102	70-146	4	30	
Styrene	ug/L	ND	20	20	21.6	20.7	108	104	70-135	4	30	
Tetrachloroethene	ug/L	ND	20	20	21.2	20.0	106	100	59-143	6	30	
Toluene	ug/L	ND	20	20	20.7	19.7	104	98	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.9	20.5	109	103	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.1	19.0	101	95	70-135	6	30	
Trichloroethene	ug/L	ND	20	20	21.9	20.5	110	102	70-147	7	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.8	19.1	104	96	70-148	8	30	
Vinyl acetate	ug/L	ND	40	40	48.5	45.1	121	113	49-151	7	30	
Vinyl chloride	ug/L	ND	20	20	18.3	17.9	92	89	70-156	2	30	
Xylene (Total)	ug/L	ND	60	60	63.8	61.2	106	102	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						106	105	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						99	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608267
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528627002, 92528627005, 92528627006, 92528627008, 92528627010, 92528627011, 92528627012, 92528627014, 92528627016

METHOD BLANK: 3204394
Matrix: Water
Associated Lab Samples: 92528627002, 92528627005, 92528627006, 92528627008, 92528627010, 92528627011, 92528627012, 92528627014, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 11:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 11:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 11:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:24	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 11:24	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 11:24	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 11:24	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 11:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 11:24	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 11:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 11:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:24	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:24	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 11:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:24	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 11:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 11:24	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 11:24	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 11:24	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:24	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 11:24	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 11:24	
Acetone	ug/L	ND	25.0	5.1	03/23/21 11:24	
Benzene	ug/L	ND	1.0	0.34	03/23/21 11:24	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 11:24	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 11:24	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 11:24	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 11:24	
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 11:24	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 11:24	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 11:24	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 11:24	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 11:24	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 11:24	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:24	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 11:24	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 11:24	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

METHOD BLANK: 3204394 Matrix: Water
Associated Lab Samples: 92528627002, 92528627005, 92528627006, 92528627008, 92528627010, 92528627011, 92528627012, 92528627014, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 11:24	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 11:24	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 11:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 11:24	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 11:24	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 11:24	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 11:24	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 11:24	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 11:24	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 11:24	
Styrene	ug/L	ND	1.0	0.29	03/23/21 11:24	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 11:24	
Toluene	ug/L	ND	1.0	0.48	03/23/21 11:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 11:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:24	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 11:24	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 11:24	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 11:24	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 11:24	
1,2-Dichloroethane-d4 (S)	%	95	70-130		03/23/21 11:24	
4-Bromofluorobenzene (S)	%	93	70-130		03/23/21 11:24	
Toluene-d8 (S)	%	99	70-130		03/23/21 11:24	

LABORATORY CONTROL SAMPLE: 3204395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	38.6	77	70-130	
1,1,2-Trichloroethane	ug/L	50	60.4	121	70-130	
1,1-Dichloroethane	ug/L	50	44.2	88	70-130	
1,1-Dichloroethene	ug/L	50	53.7	107	70-130	
1,1-Dichloropropene	ug/L	50	45.3	91	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	70-130	
1,2,3-Trichloropropane	ug/L	50	39.1	78	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	70-130	
1,2-Dichlorobenzene	ug/L	50	46.2	92	70-130	
1,2-Dichloroethane	ug/L	50	46.5	93	70-130	
1,2-Dichloropropane	ug/L	50	46.7	93	70-130	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,3-Dichloropropane	ug/L	50	49.7	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3204395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	45.2	90	70-130	
2,2-Dichloropropane	ug/L	50	46.6	93	70-130	
2-Butanone (MEK)	ug/L	100	90.0	90	70-130	
2-Chlorotoluene	ug/L	50	46.4	93	70-130	
2-Hexanone	ug/L	100	96.6	97	70-130	
4-Chlorotoluene	ug/L	50	45.5	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-130	
Acetone	ug/L	100	108	108	70-130	
Benzene	ug/L	50	46.4	93	70-130	
Bromobenzene	ug/L	50	45.9	92	70-130	
Bromochloromethane	ug/L	50	45.5	91	70-130	
Bromodichloromethane	ug/L	50	45.4	91	70-130	
Bromoform	ug/L	50	48.7	97	70-130	
Bromomethane	ug/L	50	40.3	81	70-130	v3
Carbon tetrachloride	ug/L	50	50.0	100	70-130	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	44.7	89	70-130	
Chloroform	ug/L	50	46.0	92	70-130	
Chloromethane	ug/L	50	38.8	78	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	44.0	88	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.3	109	70-130	
Dibromochloromethane	ug/L	50	51.3	103	70-130	
Dibromomethane	ug/L	50	51.4	103	70-130	
Dichlorodifluoromethane	ug/L	50	41.4	83	70-130	
Diisopropyl ether	ug/L	50	41.8	84	70-130	
Ethylbenzene	ug/L	50	47.0	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.5	97	70-130	
m&p-Xylene	ug/L	100	94.1	94	70-130	
Methyl-tert-butyl ether	ug/L	50	44.9	90	70-130	
Methylene Chloride	ug/L	50	48.4	97	70-130	
Naphthalene	ug/L	50	47.1	94	70-130	
o-Xylene	ug/L	50	48.2	96	70-130	
p-Isopropyltoluene	ug/L	50	46.0	92	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	46.8	94	70-130	
Toluene	ug/L	50	56.4	113	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.8	110	70-130	
Trichloroethene	ug/L	50	48.5	97	70-130	
Trichlorofluoromethane	ug/L	50	50.8	102	70-130	
Vinyl acetate	ug/L	100	97.6	98	70-130	
Vinyl chloride	ug/L	50	43.0	86	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			89	70-130	
Toluene-d8 (S)	%			118	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204396 3204397

Parameter	Units	92528627005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	17.7	19.8	89	99	73-134	11	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	17.8	19.3	89	96	82-143	8	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.9	19.7	89	98	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.5	19.3	87	96	70-135	10	30	
1,1-Dichloroethane	ug/L	ND	20	20	17.0	18.0	85	90	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.7	21.8	103	109	70-154	6	30	
1,1-Dichloropropene	ug/L	ND	20	20	17.6	19.1	88	95	70-149	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	16.0	18.5	80	93	70-135	15	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.2	19.3	96	96	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.5	19.4	88	97	73-140	10	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.7	18.5	89	92	65-134	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.7	18.4	88	92	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	17.1	18.2	85	91	70-137	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	17.6	19.1	88	95	70-140	8	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.5	19.6	86	96	70-135	11	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.7	17.6	88	88	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.3	18.6	86	93	70-133	8	30	
2,2-Dichloropropane	ug/L	ND	20	20	18.2	19.7	91	98	61-148	8	30	
2-Butanone (MEK)	ug/L	ND	40	40	32.8	33.8	82	84	60-139	3	30	
2-Chlorotoluene	ug/L	ND	20	20	17.5	19.3	88	97	70-144	10	30	
2-Hexanone	ug/L	ND	40	40	33.7	34.5	84	86	65-138	2	30	
4-Chlorotoluene	ug/L	ND	20	20	16.9	18.7	85	93	70-137	10	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	32.8	34.9	82	87	65-135	6	30	
Acetone	ug/L	ND	40	40	32.6	34.2	81	86	60-148	5	30	
Benzene	ug/L	ND	20	20	17.6	19.5	88	97	70-151	10	30	
Bromobenzene	ug/L	ND	20	20	17.1	18.9	85	95	70-136	10	30	
Bromochloromethane	ug/L	ND	20	20	17.1	19.0	86	95	70-141	10	30	
Bromodichloromethane	ug/L	ND	20	20	16.3	17.4	81	87	70-138	7	30	
Bromoform	ug/L	ND	20	20	18.3	18.1	91	91	63-130	1	30	
Bromomethane	ug/L	ND	20	20	17.6	18.7	88	93	15-152	6	30	
Carbon tetrachloride	ug/L	ND	20	20	18.5	20.1	93	100	70-143	8	30	
Chlorobenzene	ug/L	ND	20	20	18.6	19.6	93	98	70-138	5	30	
Chloroethane	ug/L	ND	20	20	17.2	18.7	86	94	52-163	8	30	
Chloroform	ug/L	ND	20	20	17.2	18.7	86	93	70-139	8	30	
Chloromethane	ug/L	ND	20	20	14.0	15.5	70	77	41-139	10	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	16.9	17.8	84	89	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.5	18.8	87	94	70-137	7	30	
Dibromochloromethane	ug/L	ND	20	20	17.5	17.9	87	90	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	18.6	20.3	93	101	70-138	9	30	
Dichlorodifluoromethane	ug/L	ND	20	20	16.3	17.4	81	87	47-155	7	30	
Diisopropyl ether	ug/L	ND	20	20	15.4	16.7	77	84	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	18.5	19.6	92	98	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.5	21.2	93	106	65-149	14	30	
m&p-Xylene	ug/L	ND	40	40	36.3	38.8	91	97	69-152	6	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204396 3204397

Parameter	Units	92528627005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	16.8	18.1	84	90	54-156	7	30	
Methylene Chloride	ug/L	ND	20	20	16.0	17.1	80	86	42-159	7	30	
Naphthalene	ug/L	ND	20	20	15.6	18.5	78	93	61-148	17	30	
o-Xylene	ug/L	ND	20	20	18.5	19.2	92	96	70-148	4	30	
p-Isopropyltoluene	ug/L	ND	20	20	17.5	18.8	87	94	70-146	8	30	
Styrene	ug/L	ND	20	20	19.6	19.6	98	98	70-135	0	30	
Tetrachloroethene	ug/L	ND	20	20	19.0	18.7	95	93	59-143	2	30	
Toluene	ug/L	ND	20	20	17.8	19.4	89	97	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.3	18.8	87	94	70-146	8	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.8	18.8	89	94	70-135	5	30	
Trichloroethene	ug/L	ND	20	20	18.5	20.3	92	102	70-147	9	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.0	19.1	90	95	70-148	6	30	
Vinyl acetate	ug/L	ND	40	40	35.1	37.8	88	94	49-151	7	30	
Vinyl chloride	ug/L	ND	20	20	16.2	17.3	81	86	70-156	6	30	
Xylene (Total)	ug/L	ND	60	60	54.8	57.9	91	97	63-158	6	30	
1,2-Dichloroethane-d4 (S)	%						99	97	70-130			
4-Bromofluorobenzene (S)	%						103	97	70-130			
Toluene-d8 (S)	%						99	100	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608279
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627015

METHOD BLANK: 3204477 Matrix: Water
Associated Lab Samples: 92528627015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 22:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 22:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 22:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 22:53	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 22:53	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 22:53	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 22:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 22:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 22:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 22:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 22:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 22:53	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 22:53	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 22:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 22:53	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 22:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 22:53	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 22:53	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 22:53	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 22:53	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 22:53	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 22:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 22:53	
Acetone	ug/L	ND	25.0	5.1	03/22/21 22:53	
Benzene	ug/L	ND	1.0	0.34	03/22/21 22:53	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 22:53	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 22:53	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 22:53	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 22:53	IK
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 22:53	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 22:53	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 22:53	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 22:53	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 22:53	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 22:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 22:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 22:53	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 22:53	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 22:53	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 22:53	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

METHOD BLANK: 3204477 Matrix: Water
Associated Lab Samples: 92528627015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 22:53	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 22:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 22:53	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 22:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 22:53	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 22:53	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 22:53	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 22:53	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 22:53	
Styrene	ug/L	ND	1.0	0.29	03/22/21 22:53	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 22:53	
Toluene	ug/L	ND	1.0	0.48	03/22/21 22:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 22:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 22:53	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 22:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 22:53	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 22:53	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 22:53	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 22:53	
1,2-Dichloroethane-d4 (S)	%	89	70-130		03/22/21 22:53	
4-Bromofluorobenzene (S)	%	99	70-130		03/22/21 22:53	
Toluene-d8 (S)	%	109	70-130		03/22/21 22:53	

LABORATORY CONTROL SAMPLE: 3204478

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,1-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.8	106	70-130	
1,1,2-Trichloroethane	ug/L	50	52.4	105	70-130	
1,1-Dichloroethane	ug/L	50	53.5	107	70-130	
1,1-Dichloroethene	ug/L	50	49.2	98	70-130	
1,1-Dichloropropene	ug/L	50	48.3	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	57.1	114	70-130	
1,2,3-Trichloropropane	ug/L	50	51.4	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	59.3	119	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.0	116	70-130	
1,2-Dichlorobenzene	ug/L	50	56.9	114	70-130	
1,2-Dichloroethane	ug/L	50	52.0	104	70-130	
1,2-Dichloropropane	ug/L	50	52.0	104	70-130	
1,3-Dichlorobenzene	ug/L	50	58.3	117	70-130	
1,3-Dichloropropane	ug/L	50	48.8	98	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
2,2-Dichloropropane	ug/L	50	52.8	106	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3204478

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	103	103	70-130	
2-Chlorotoluene	ug/L	50	57.8	116	70-130	
2-Hexanone	ug/L	100	106	106	70-130	
4-Chlorotoluene	ug/L	50	55.4	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.8	96	70-130	
Acetone	ug/L	100	107	107	70-130	
Benzene	ug/L	50	53.8	108	70-130	
Bromobenzene	ug/L	50	55.1	110	70-130	
Bromochloromethane	ug/L	50	54.2	108	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	44.1	88	70-130	IK
Bromomethane	ug/L	50	48.6	97	70-130	
Carbon tetrachloride	ug/L	50	49.8	100	70-130	
Chlorobenzene	ug/L	50	53.7	107	70-130	
Chloroethane	ug/L	50	58.3	117	70-130	
Chloroform	ug/L	50	54.6	109	70-130	
Chloromethane	ug/L	50	48.7	97	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	55.1	110	70-130	
Dibromochloromethane	ug/L	50	47.7	95	70-130	
Dibromomethane	ug/L	50	49.4	99	70-130	
Dichlorodifluoromethane	ug/L	50	48.1	96	70-130	
Diisopropyl ether	ug/L	50	52.9	106	70-130	IK
Ethylbenzene	ug/L	50	52.5	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	59.8	120	70-130	
Methylene Chloride	ug/L	50	48.4	97	70-130	
Naphthalene	ug/L	50	54.6	109	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
p-Isopropyltoluene	ug/L	50	58.6	117	70-130	
Styrene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-130	
Toluene	ug/L	50	48.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.9	112	70-130	
Trichloroethene	ug/L	50	54.7	109	70-130	
Trichlorofluoromethane	ug/L	50	48.0	96	70-130	
Vinyl acetate	ug/L	100	102	102	70-130	IK
Vinyl chloride	ug/L	50	47.3	95	70-130	
Xylene (Total)	ug/L	150	155	103	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			93	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204479 3204480

Parameter	Units	92528874001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.5	22.3	103	112	73-134	8	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	21.0	100	105	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.1	24.0	116	120	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.5	20.5	103	103	70-135	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.4	19.0	97	95	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	20	20	19.6	19.6	98	98	70-154	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	19.0	18.5	95	93	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	29.9	28.8	150	144	70-135	4	30	M1
1,2,3-Trichloropropane	ug/L	ND	20	20	21.4	22.7	107	113	71-137	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	28.3	27.0	142	135	73-140	5	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.9	24.1	124	121	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	24.2	26.1	121	131	70-133	8	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.5	20.1	97	100	70-137	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	19.9	21.0	100	105	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	25.4	25.7	127	128	70-135	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.2	19.7	96	99	70-143	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	23.1	24.3	116	122	70-133	5	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.8	21.9	104	110	61-148	5	30	
2-Butanone (MEK)	ug/L	ND	40	40	33.6	34.1	84	85	60-139	1	30	
2-Chlorotoluene	ug/L	ND	20	20	25.7	25.5	129	127	70-144	1	30	
2-Hexanone	ug/L	ND	40	40	48.6	47.8	121	119	65-138	2	30	
4-Chlorotoluene	ug/L	ND	20	20	24.5	25.8	122	129	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.8	40.0	99	100	65-135	1	30	
Acetone	ug/L	ND	40	40	43.0	40.6	107	101	60-148	6	30	
Benzene	ug/L	ND	20	20	21.0	21.8	105	109	70-151	3	30	
Bromobenzene	ug/L	ND	20	20	24.1	24.5	120	123	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	22.1	21.0	111	105	70-141	5	30	
Bromodichloromethane	ug/L	ND	20	20	20.3	20.8	102	104	70-138	2	30	
Bromoform	ug/L	ND	20	20	19.2	19.7	96	99	63-130	3	30	IK
Bromomethane	ug/L	ND	20	20	18.8	18.1	94	91	15-152	3	30	v3
Carbon tetrachloride	ug/L	ND	20	20	22.5	22.9	112	115	70-143	2	30	
Chlorobenzene	ug/L	ND	20	20	23.8	24.5	119	123	70-138	3	30	
Chloroethane	ug/L	ND	20	20	20.4	18.4	102	92	52-163	11	30	
Chloroform	ug/L	ND	20	20	20.2	21.1	101	105	70-139	4	30	
Chloromethane	ug/L	ND	20	20	16.1	14.4	80	72	41-139	11	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.1	100	96	70-141	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.6	103	108	70-137	5	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	17.6	95	88	70-134	7	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.3	106	107	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	9.8	9.8	49	49	47-155	0	30	
Diisopropyl ether	ug/L	ND	20	20	18.3	19.4	92	97	63-144	6	30	IK
Ethylbenzene	ug/L	ND	20	20	24.4	24.8	122	124	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.7	27.7	139	138	65-149	0	30	
m&p-Xylene	ug/L	ND	40	40	47.2	47.7	118	119	69-152	1	30	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204479 3204480

Parameter	Units	92528874001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	19.0	19.4	95	97	54-156	2	30	
Methylene Chloride	ug/L	ND	20	20	18.5	19.3	93	97	42-159	4	30	
Naphthalene	ug/L	ND	20	20	27.7	24.2	139	121	61-148	13	30	
o-Xylene	ug/L	ND	20	20	23.8	24.4	119	122	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	27.6	27.6	138	138	70-146	0	30	
Styrene	ug/L	ND	20	20	23.4	23.9	117	120	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	23.0	25.1	115	125	59-143	9	30	
Toluene	ug/L	ND	20	20	21.1	22.2	105	111	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.6	19.2	103	96	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.3	21.1	102	105	70-135	4	30	
Trichloroethene	ug/L	ND	20	20	21.1	23.5	105	118	70-147	11	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.4	19.1	92	96	70-148	4	30	
Vinyl acetate	ug/L	ND	40	40	38.8	40.7	97	102	49-151	5	30	IK
Vinyl chloride	ug/L	ND	20	20	15.9	15.1	80	75	70-156	6	30	
Xylene (Total)	ug/L	ND	60	60	71.0	72.0	118	120	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						100	95	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						99	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608458
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528627001, 92528627013

METHOD BLANK: 3205005 Matrix: Water
Associated Lab Samples: 92528627001, 92528627013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 11:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 11:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 11:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 11:09	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 11:09	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 11:09	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 11:09	
Acetone	ug/L	ND	25.0	5.1	03/23/21 11:09	
Benzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 11:09	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 11:09	IK
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 11:09	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 11:09	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 11:09	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 11:09	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 11:09	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

METHOD BLANK: 3205005 Matrix: Water
Associated Lab Samples: 92528627001, 92528627013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 11:09	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 11:09	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 11:09	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 11:09	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 11:09	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 11:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 11:09	
Styrene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Toluene	ug/L	ND	1.0	0.48	03/23/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 11:09	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 11:09	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 11:09	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/23/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		03/23/21 11:09	
Toluene-d8 (S)	%	105	70-130		03/23/21 11:09	

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.1	114	70-130	
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.3	109	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethene	ug/L	50	48.9	98	70-130	
1,1-Dichloropropene	ug/L	50	46.6	93	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.9	124	70-130	
1,2,3-Trichloropropane	ug/L	50	54.7	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.7	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.2	116	70-130	
1,2-Dichlorobenzene	ug/L	50	57.5	115	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-130	
1,2-Dichloropropane	ug/L	50	54.7	109	70-130	
1,3-Dichlorobenzene	ug/L	50	61.0	122	70-130	
1,3-Dichloropropane	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	56.4	113	70-130	
2,2-Dichloropropane	ug/L	50	54.0	108	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	58.2	116	70-130	
2-Hexanone	ug/L	100	111	111	70-130	
4-Chlorotoluene	ug/L	50	57.4	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.8	99	70-130	
Acetone	ug/L	100	102	102	70-130	
Benzene	ug/L	50	54.9	110	70-130	
Bromobenzene	ug/L	50	57.9	116	70-130	
Bromochloromethane	ug/L	50	53.2	106	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	49.0	98	70-130	IK
Bromomethane	ug/L	50	49.1	98	70-130	v3
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	57.2	114	70-130	
Chloroethane	ug/L	50	55.5	111	70-130	
Chloroform	ug/L	50	50.0	100	70-130	
Chloromethane	ug/L	50	43.3	87	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	56.9	114	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	50.4	101	70-130	IK
Ethylbenzene	ug/L	50	54.8	110	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	55.5	111	70-130	
Methylene Chloride	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	57.9	116	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
p-Isopropyltoluene	ug/L	50	59.8	120	70-130	
Styrene	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	54.8	110	70-130	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.2	112	70-130	
Trichloroethene	ug/L	50	56.8	114	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	70-130	
Vinyl acetate	ug/L	100	99.9	100	70-130	IK
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3205007 3205008

Parameter	Units	92527960015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	546	538	109	108	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	500	500	551	591	110	118	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	539	568	108	114	70-136	5	30	
1,1,2-Trichloroethane	ug/L	ND	500	500	543	561	109	112	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	500	500	540	552	108	110	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	500	500	564	557	113	111	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	500	500	494	486	99	97	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	500	500	578	652	116	130	70-135	12	30	
1,2,3-Trichloropropane	ug/L	ND	500	500	535	544	107	109	71-137	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	500	500	587	671	117	134	73-140	13	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	530	625	106	125	65-134	16	30	
1,2-Dichlorobenzene	ug/L	ND	500	500	596	644	119	129	70-133	8	30	
1,2-Dichloroethane	ug/L	ND	500	500	521	562	104	112	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	500	500	579	609	116	122	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	500	500	622	653	124	131	70-135	5	30	
1,3-Dichloropropane	ug/L	ND	500	500	479	476	96	95	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	500	500	570	634	114	127	70-133	11	30	
2,2-Dichloropropane	ug/L	ND	500	500	551	587	110	117	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	1000	1000	819	928	82	93	60-139	13	30	
2-Chlorotoluene	ug/L	ND	500	500	610	711	122	142	70-144	15	30	
2-Hexanone	ug/L	ND	1000	1000	981	1140	98	114	65-138	15	30	
4-Chlorotoluene	ug/L	ND	500	500	599	633	120	127	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1000	1000	990	1020	99	102	65-135	3	30	
Acetone	ug/L	ND	1000	1000	1100	1100	110	110	60-148	0	30	
Benzene	ug/L	1600	500	500	2270	2280	134	137	70-151	1	30	
Bromobenzene	ug/L	ND	500	500	596	639	119	128	70-136	7	30	
Bromochloromethane	ug/L	ND	500	500	561	566	112	113	70-141	1	30	
Bromodichloromethane	ug/L	ND	500	500	570	561	114	112	70-138	2	30	
Bromoform	ug/L	ND	500	500	432	448	86	90	63-130	4	30	IK
Bromomethane	ug/L	ND	500	500	501	517	100	103	15-152	3	30	v3
Carbon tetrachloride	ug/L	ND	500	500	626	598	125	120	70-143	5	30	
Chlorobenzene	ug/L	ND	500	500	596	600	119	120	70-138	1	30	
Chloroethane	ug/L	ND	500	500	577	579	115	116	52-163	0	30	
Chloroform	ug/L	ND	500	500	568	532	114	106	70-139	7	30	
Chloromethane	ug/L	ND	500	500	464	521	93	104	41-139	12	30	
cis-1,2-Dichloroethene	ug/L	ND	500	500	512	546	102	109	70-141	6	30	
cis-1,3-Dichloropropene	ug/L	ND	500	500	572	590	114	118	70-137	3	30	
Dibromochloromethane	ug/L	ND	500	500	453	492	91	98	70-134	8	30	
Dibromomethane	ug/L	ND	500	500	565	593	113	119	70-138	5	30	
Dichlorodifluoromethane	ug/L	ND	500	500	556	574	111	115	47-155	3	30	
Diisopropyl ether	ug/L	ND	500	500	498	498	100	100	63-144	0	30	IK
Ethylbenzene	ug/L	209	500	500	790	789	116	116	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	571	625	114	125	65-149	9	30	
m&p-Xylene	ug/L	62.1	1000	1000	1230	1260	117	119	69-152	2	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3205007 3205008

Parameter	Units	92527960015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	500	500	494	529	99	106	54-156	7	30	
Methylene Chloride	ug/L	ND	500	500	530	524	106	105	42-159	1	30	
Naphthalene	ug/L	1750	500	500	2400	2630	130	175	61-148	9	30	M1
o-Xylene	ug/L	54.4	500	500	630	629	115	115	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	500	500	623	673	125	135	70-146	8	30	
Styrene	ug/L	ND	500	500	569	579	114	116	70-135	2	30	
Tetrachloroethene	ug/L	ND	500	500	547	580	109	116	59-143	6	30	
Toluene	ug/L	23.5J	500	500	604	605	116	116	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	500	500	556	577	111	115	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	500	500	545	555	109	111	70-135	2	30	
Trichloroethene	ug/L	ND	500	500	620	619	124	124	70-147	0	30	
Trichlorofluoromethane	ug/L	ND	500	500	537	571	107	114	70-148	6	30	
Vinyl acetate	ug/L	ND	1000	1000	987	1030	99	103	49-151	5	30	IK
Vinyl chloride	ug/L	ND	500	500	470	551	94	110	70-156	16	30	
Xylene (Total)	ug/L	116	1500	1500	1870	1890	117	118	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						101	104	70-130			
4-Bromofluorobenzene (S)	%						98	95	70-130			
Toluene-d8 (S)	%						103	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608862
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528627003, 92528627004, 92528627007

METHOD BLANK: 3206865 Matrix: Water
Associated Lab Samples: 92528627003, 92528627004, 92528627007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/24/21 11:48	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/24/21 11:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/24/21 11:48	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/24/21 11:48	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/24/21 11:48	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/24/21 11:48	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/24/21 11:48	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/24/21 11:48	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/24/21 11:48	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/24/21 11:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/24/21 11:48	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/24/21 11:48	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/24/21 11:48	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/24/21 11:48	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/24/21 11:48	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/24/21 11:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/24/21 11:48	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/24/21 11:48	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/24/21 11:48	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/24/21 11:48	
2-Hexanone	ug/L	ND	5.0	0.48	03/24/21 11:48	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/24/21 11:48	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/24/21 11:48	
Acetone	ug/L	ND	25.0	5.1	03/24/21 11:48	
Benzene	ug/L	ND	1.0	0.34	03/24/21 11:48	
Bromobenzene	ug/L	ND	1.0	0.29	03/24/21 11:48	
Bromochloromethane	ug/L	ND	1.0	0.47	03/24/21 11:48	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/24/21 11:48	
Bromoform	ug/L	ND	1.0	0.34	03/24/21 11:48	
Bromomethane	ug/L	ND	2.0	1.7	03/24/21 11:48	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/24/21 11:48	
Chlorobenzene	ug/L	ND	1.0	0.28	03/24/21 11:48	
Chloroethane	ug/L	ND	1.0	0.65	03/24/21 11:48	
Chloroform	ug/L	ND	5.0	1.6	03/24/21 11:48	
Chloromethane	ug/L	ND	1.0	0.54	03/24/21 11:48	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/24/21 11:48	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/24/21 11:48	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/24/21 11:48	
Dibromomethane	ug/L	ND	1.0	0.39	03/24/21 11:48	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/24/21 11:48	

Results presented on this page are in 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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

METHOD BLANK: 3206865 Matrix: Water
Associated Lab Samples: 92528627003, 92528627004, 92528627007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/24/21 11:48	
Ethylbenzene	ug/L	ND	1.0	0.30	03/24/21 11:48	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/24/21 11:48	
m&p-Xylene	ug/L	ND	2.0	0.71	03/24/21 11:48	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/24/21 11:48	
Methylene Chloride	ug/L	ND	5.0	2.0	03/24/21 11:48	
Naphthalene	ug/L	ND	1.0	0.64	03/24/21 11:48	
o-Xylene	ug/L	ND	1.0	0.34	03/24/21 11:48	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/24/21 11:48	
Styrene	ug/L	ND	1.0	0.29	03/24/21 11:48	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/24/21 11:48	
Toluene	ug/L	ND	1.0	0.48	03/24/21 11:48	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/24/21 11:48	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/24/21 11:48	
Trichloroethene	ug/L	ND	1.0	0.38	03/24/21 11:48	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/24/21 11:48	
Vinyl acetate	ug/L	ND	2.0	1.3	03/24/21 11:48	
Vinyl chloride	ug/L	ND	1.0	0.39	03/24/21 11:48	
Xylene (Total)	ug/L	ND	1.0	0.34	03/24/21 11:48	
1,2-Dichloroethane-d4 (S)	%	106	70-130		03/24/21 11:48	
4-Bromofluorobenzene (S)	%	98	70-130		03/24/21 11:48	
Toluene-d8 (S)	%	102	70-130		03/24/21 11:48	

LABORATORY CONTROL SAMPLE: 3206866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,2-Trichloroethane	ug/L	50	48.3	97	70-130	
1,1-Dichloroethane	ug/L	50	49.3	99	70-130	
1,1-Dichloroethene	ug/L	50	46.0	92	70-130	
1,1-Dichloropropene	ug/L	50	48.7	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.1	102	70-130	
1,2,3-Trichloropropane	ug/L	50	49.0	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	50.6	101	70-130	
1,3-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,3-Dichloropropane	ug/L	50	50.7	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	49.2	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3206866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	112	112	70-130	
2-Chlorotoluene	ug/L	50	47.9	96	70-130	
2-Hexanone	ug/L	100	108	108	70-130	
4-Chlorotoluene	ug/L	50	46.7	93	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	109	109	70-130	
Benzene	ug/L	50	48.2	96	70-130	
Bromobenzene	ug/L	50	46.3	93	70-130	
Bromochloromethane	ug/L	50	47.9	96	70-130	
Bromodichloromethane	ug/L	50	43.7	87	70-130	
Bromoform	ug/L	50	50.7	101	70-130	
Bromomethane	ug/L	50	38.0	76	70-130	v3
Carbon tetrachloride	ug/L	50	46.0	92	70-130	
Chlorobenzene	ug/L	50	49.1	98	70-130	
Chloroethane	ug/L	50	43.8	88	70-130	
Chloroform	ug/L	50	47.7	95	70-130	
Chloromethane	ug/L	50	42.7	85	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Dibromochloromethane	ug/L	50	51.1	102	70-130	
Dibromomethane	ug/L	50	47.4	95	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	52.0	104	70-130	
Ethylbenzene	ug/L	50	49.0	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.3	103	70-130	
m&p-Xylene	ug/L	100	98.1	98	70-130	
Methyl-tert-butyl ether	ug/L	50	48.1	96	70-130	
Methylene Chloride	ug/L	50	49.0	98	70-130	
Naphthalene	ug/L	50	51.1	102	70-130	
o-Xylene	ug/L	50	48.8	98	70-130	
p-Isopropyltoluene	ug/L	50	48.5	97	70-130	
Styrene	ug/L	50	51.6	103	70-130	
Tetrachloroethene	ug/L	50	47.1	94	70-130	
Toluene	ug/L	50	46.9	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	70-130	
Trichloroethene	ug/L	50	47.4	95	70-130	
Trichlorofluoromethane	ug/L	50	41.1	82	70-130	
Vinyl acetate	ug/L	100	120	120	70-130	
Vinyl chloride	ug/L	50	41.6	83	70-130	
Xylene (Total)	ug/L	150	147	98	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206867 3206868

Parameter	Units	92528627007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	103	101	103	101	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	109	108	109	108	82-143	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	104	102	104	102	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	102	103	102	103	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	100	100	111	114	111	114	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	100	100	105	109	105	109	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	100	100	111	112	111	112	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	102	110	102	110	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	97.4	97.2	97	97	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	101	106	101	106	73-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	93.2	98.3	93	98	65-134	5	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	102	102	102	102	70-133	0	30	
1,2-Dichloroethane	ug/L	ND	100	100	108	108	108	108	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	100	100	110	111	110	111	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	98.0	100	98	100	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	100	100	106	105	106	105	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	105	105	105	105	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	100	100	106	106	106	106	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	200	200	219	231	109	115	60-139	5	30	
2-Chlorotoluene	ug/L	ND	100	100	101	103	101	103	70-144	3	30	
2-Hexanone	ug/L	ND	200	200	204	216	102	108	65-138	6	30	
4-Chlorotoluene	ug/L	ND	100	100	98.7	101	99	101	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	200	200	200	215	100	108	65-135	8	30	
Acetone	ug/L	ND	200	200	221	237	110	118	60-148	7	30	
Benzene	ug/L	9.6	100	100	117	118	108	108	70-151	1	30	
Bromobenzene	ug/L	ND	100	100	96.0	98.2	96	98	70-136	2	30	
Bromochloromethane	ug/L	ND	100	100	106	107	106	107	70-141	1	30	
Bromodichloromethane	ug/L	ND	100	100	96.4	96.0	96	96	70-138	0	30	
Bromoform	ug/L	ND	100	100	96.9	98.3	97	98	63-130	1	30	
Bromomethane	ug/L	ND	100	100	71.6	76.0	72	76	15-152	6	30	v3
Carbon tetrachloride	ug/L	ND	100	100	107	106	107	106	70-143	1	30	
Chlorobenzene	ug/L	ND	100	100	105	105	105	105	70-138	1	30	
Chloroethane	ug/L	ND	100	100	125	103	125	103	52-163	20	30	
Chloroform	ug/L	ND	100	100	107	107	107	107	70-139	0	30	
Chloromethane	ug/L	ND	100	100	86.4	93.9	86	94	41-139	8	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	107	109	107	109	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	97.3	96.7	97	97	70-137	1	30	
Dibromochloromethane	ug/L	ND	100	100	102	101	102	101	70-134	1	30	
Dibromomethane	ug/L	ND	100	100	102	104	102	104	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	100	100	97.4	98.6	97	99	47-155	1	30	
Diisopropyl ether	ug/L	ND	100	100	107	111	107	111	63-144	3	30	
Ethylbenzene	ug/L	17.8	100	100	125	123	107	105	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	111	117	111	117	65-149	5	30	
m&p-Xylene	ug/L	55.6	200	200	278	273	111	109	69-152	2	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206867 3206868

Parameter	Units	92528627007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	100	100	99.6	103	100	103	54-156	3	30	
Methylene Chloride	ug/L	ND	100	100	116	117	107	108	42-159	1	30	
Naphthalene	ug/L	675	100	100	750	799	75	123	61-148	6	30	
o-Xylene	ug/L	23.3	100	100	131	130	108	106	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	100	100	103	106	103	106	70-146	3	30	
Styrene	ug/L	58.0	100	100	175	174	117	116	70-135	1	30	
Tetrachloroethene	ug/L	ND	100	100	102	103	102	103	59-143	1	30	
Toluene	ug/L	97.7	100	100	198	202	101	104	59-148	2	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	110	111	110	111	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	98.9	100	99	100	70-135	1	30	
Trichloroethene	ug/L	ND	100	100	106	107	106	107	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	100	100	101	99.9	101	100	70-148	1	30	
Vinyl acetate	ug/L	ND	200	200	241	246	121	123	49-151	2	30	
Vinyl chloride	ug/L	ND	100	100	93.3	99.6	93	100	70-156	7	30	
Xylene (Total)	ug/L	78.9	300	300	409	403	110	108	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						106	105	70-130			
4-Bromofluorobenzene (S)	%						101	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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608184
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3203914
Matrix: Water
Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/23/21 08:51	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/23/21 08:51	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/23/21 08:51	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/23/21 08:51	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/23/21 08:51	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/23/21 08:51	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/23/21 08:51	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/23/21 08:51	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/23/21 08:51	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/23/21 08:51	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/23/21 08:51	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/23/21 08:51	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/23/21 08:51	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/23/21 08:51	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/23/21 08:51	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/23/21 08:51	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/23/21 08:51	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/23/21 08:51	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/23/21 08:51	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/23/21 08:51	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/23/21 08:51	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/23/21 08:51	
Acenaphthene	ug/L	ND	10.0	2.0	03/23/21 08:51	
Acenaphthylene	ug/L	ND	10.0	2.0	03/23/21 08:51	
Aniline	ug/L	ND	10.0	1.6	03/23/21 08:51	
Anthracene	ug/L	ND	10.0	2.3	03/23/21 08:51	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/23/21 08:51	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/23/21 08:51	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/23/21 08:51	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/23/21 08:51	
Benzoic Acid	ug/L	ND	50.0	3.4	03/23/21 08:51	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/23/21 08:51	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/23/21 08:51	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/23/21 08:51	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

METHOD BLANK: 3203914 Matrix: Water

Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/23/21 08:51	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/23/21 08:51	
Chrysene	ug/L	ND	10.0	2.8	03/23/21 08:51	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/23/21 08:51	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/23/21 08:51	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/23/21 08:51	
Dibenzofuran	ug/L	ND	10.0	2.1	03/23/21 08:51	
Diethylphthalate	ug/L	ND	10.0	2.0	03/23/21 08:51	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/23/21 08:51	
Fluoranthene	ug/L	ND	10.0	2.2	03/23/21 08:51	
Fluorene	ug/L	ND	10.0	2.1	03/23/21 08:51	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/23/21 08:51	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/23/21 08:51	
Hexachloroethane	ug/L	ND	10.0	1.4	03/23/21 08:51	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/23/21 08:51	
Isophorone	ug/L	ND	10.0	1.7	03/23/21 08:51	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/23/21 08:51	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/23/21 08:51	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/23/21 08:51	
Nitrobenzene	ug/L	ND	10.0	1.9	03/23/21 08:51	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/23/21 08:51	
Phenanthrene	ug/L	ND	10.0	2.0	03/23/21 08:51	
Phenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
Pyrene	ug/L	ND	10.0	2.2	03/23/21 08:51	
2,4,6-Tribromophenol (S)	%	78	10-144		03/23/21 08:51	
2-Fluorobiphenyl (S)	%	68	10-130		03/23/21 08:51	
2-Fluorophenol (S)	%	53	10-130		03/23/21 08:51	
Nitrobenzene-d5 (S)	%	69	10-144		03/23/21 08:51	
Phenol-d6 (S)	%	42	10-130		03/23/21 08:51	
Terphenyl-d14 (S)	%	102	34-163		03/23/21 08:51	

LABORATORY CONTROL SAMPLE: 3203915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	21.1	42	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	24.2	48	28-130	
2,4,5-Trichlorophenol	ug/L	50	28.7	57	35-130	
2,4,6-Trichlorophenol	ug/L	50	26.1	52	31-130	
2,4-Dichlorophenol	ug/L	50	25.9	52	35-130	
2,4-Dimethylphenol	ug/L	50	26.8	54	34-130	
2,4-Dinitrophenol	ug/L	250	174	70	10-153	
2,4-Dinitrotoluene	ug/L	50	37.0	74	37-136	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3203915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	31.4	63	33-136	
2-Chloronaphthalene	ug/L	50	21.9	44	26-130	
2-Chlorophenol	ug/L	50	24.5	49	37-130	
2-Methylnaphthalene	ug/L	50	20.4	41	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	24.3	49	35-130	
2-Nitroaniline	ug/L	100	61.0	61	37-130	
2-Nitrophenol	ug/L	50	25.1	50	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	23.5	47	34-130	
3,3'-Dichlorobenzidine	ug/L	100	80.2	80	34-136	
3-Nitroaniline	ug/L	100	69.0	69	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	76.6	77	21-157	
4-Bromophenylphenyl ether	ug/L	50	34.9	70	38-130	
4-Chloro-3-methylphenol	ug/L	100	53.1	53	37-130	
4-Chloroaniline	ug/L	100	49.2	49	38-130	
4-Chlorophenylphenyl ether	ug/L	50	27.8	56	33-130	
4-Nitroaniline	ug/L	100	78.5	79	42-137	
4-Nitrophenol	ug/L	250	118	47	10-130	
Acenaphthene	ug/L	50	25.9	52	33-130	
Acenaphthylene	ug/L	50	25.5	51	35-130	
Aniline	ug/L	50	21.0	42	22-130	
Anthracene	ug/L	50	36.6	73	48-130	
Benzo(a)anthracene	ug/L	50	42.3	85	48-137	
Benzo(b)fluoranthene	ug/L	50	44.4	89	52-138	
Benzo(g,h,i)perylene	ug/L	50	42.7	85	48-140	
Benzo(k)fluoranthene	ug/L	50	45.9	92	48-139	
Benzoic Acid	ug/L	250	84.6	34	10-130	
Benzyl alcohol	ug/L	100	50.0	50	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	26.9	54	34-130	
bis(2-Chloroethyl) ether	ug/L	50	27.9	56	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	46.0	92	32-165	
Butylbenzylphthalate	ug/L	50	44.4	89	34-161	
Chrysene	ug/L	50	40.7	81	47-131	
Di-n-butylphthalate	ug/L	50	42.5	85	39-144	
Di-n-octylphthalate	ug/L	50	40.0	80	30-170	
Dibenz(a,h)anthracene	ug/L	50	41.9	84	49-138	
Dibenzofuran	ug/L	50	27.8	56	33-130	
Diethylphthalate	ug/L	50	36.8	74	38-131	
Dimethylphthalate	ug/L	50	32.3	65	37-130	
Fluoranthene	ug/L	50	41.3	83	46-137	
Fluorene	ug/L	50	30.8	62	37-130	
Hexachlorobenzene	ug/L	50	32.6	65	38-130	
Hexachlorocyclopentadiene	ug/L	50	14.1	28	10-130	
Hexachloroethane	ug/L	50	15.7	31	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.6	85	41-130	
Isophorone	ug/L	50	25.8	52	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	26.7	53	36-130	
N-Nitrosodimethylamine	ug/L	50	22.5	45	34-130	

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3203915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	32.6	65	37-130	
Nitrobenzene	ug/L	50	25.1	50	36-130	
Pentachlorophenol	ug/L	100	79.2	79	23-149	
Phenanthrene	ug/L	50	36.9	74	44-130	
Phenol	ug/L	50	16.5	33	18-130	
Pyrene	ug/L	50	42.8	86	47-134	
2,4,6-Tribromophenol (S)	%			74	10-144	
2-Fluorobiphenyl (S)	%			46	10-130	
2-Fluorophenol (S)	%			37	10-130	
Nitrobenzene-d5 (S)	%			50	10-144	
Phenol-d6 (S)	%			30	10-130	
Terphenyl-d14 (S)	%			93	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3203916 3203917

Parameter	Units	92528627005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	50	50	35.0	23.9	70	48	10-130	38	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	40.4	27.4	81	55	12-142	38	30	R1
2,4,5-Trichlorophenol	ug/L	ND	50	50	48.8	32.1	98	64	10-143	41	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	43.1	28.6	86	57	10-147	40	30	R1
2,4-Dichlorophenol	ug/L	ND	50	50	42.3	29.3	85	59	10-138	36	30	R1
2,4-Dimethylphenol	ug/L	ND	50	50	43.2	30.9	86	62	25-130	33	30	R1
2,4-Dinitrophenol	ug/L	ND	250	250	196	192	78	77	10-165	2	30	
2,4-Dinitrotoluene	ug/L	ND	50	50	65.6	46.1	131	92	29-148	35	30	R1
2,6-Dinitrotoluene	ug/L	ND	50	50	59.6	39.9	119	80	26-146	40	30	R1
2-Chloronaphthalene	ug/L	ND	50	50	37.7	25.1	75	50	11-130	40	30	R1
2-Chlorophenol	ug/L	ND	50	50	40.1	29.1	80	58	10-133	32	30	R1
2-Methylnaphthalene	ug/L	ND	50	50	35.0	24.1	70	48	13-130	37	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	39.1	28.1	78	56	20-130	33	30	R1
2-Nitroaniline	ug/L	ND	100	100	112	72.6	112	73	24-136	43	30	R1
2-Nitrophenol	ug/L	ND	50	50	42.5	29.7	85	59	10-153	35	30	R1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	36.8	27.2	74	54	16-130	30	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	122	94.4	122	94	10-153	25	30	
3-Nitroaniline	ug/L	ND	100	100	123	85.5	123	85	22-151	36	30	R1
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	119	92.0	119	92	10-180	25	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	61.6	42.0	123	84	25-130	38	30	R1
4-Chloro-3-methylphenol	ug/L	ND	100	100	89.5	59.8	90	60	25-133	40	30	R1
4-Chloroaniline	ug/L	ND	100	100	83.7	59.0	84	59	14-132	35	30	R1
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50.8	32.7	102	65	19-130	43	30	R1
4-Nitroaniline	ug/L	ND	100	100	136	98.1	136	98	29-150	33	30	R1
4-Nitrophenol	ug/L	ND	250	250	175	145	70	58	10-130	19	30	
Acenaphthene	ug/L	ND	50	50	45.9	29.8	92	60	16-130	43	30	R1
Acenaphthylene	ug/L	ND	50	50	46.0	29.7	92	59	15-137	43	30	R1

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3203916 3203917

Parameter	Units	92528627005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	50	50	36.1	26.5	72	53	10-130	31	30	R1
Anthracene	ug/L	ND	50	50	62.0	44.9	124	90	37-136	32	30	R1
Benzo(a)anthracene	ug/L	ND	50	50	64.4	51.2	129	102	40-145	23	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	66.6	50.2	133	100	39-151	28	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	68.1	52.4	136	105	40-147	26	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	69.2	54.5	138	109	40-146	24	30	
Benzoic Acid	ug/L	ND	250	250	14.5J	36.1J	6	14	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	84.8	60.4	85	60	25-130	34	30	R1
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	43.3	30.1	87	60	23-130	36	30	R1
bis(2-Chloroethyl) ether	ug/L	ND	50	50	46.3	32.3	93	65	25-130	36	30	R1
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	65.2	52.5	130	105	28-166	22	30	
Butylbenzylphthalate	ug/L	ND	50	50	67.9	53.1	136	106	33-165	24	30	
Chrysene	ug/L	ND	50	50	62.0	50.9	124	102	38-141	20	30	
Di-n-butylphthalate	ug/L	ND	50	50	65.2	49.5	130	99	32-153	27	30	
Di-n-octylphthalate	ug/L	ND	50	50	61.9	48.7	124	97	30-175	24	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.5	51.7	135	103	39-148	27	30	
Dibenzofuran	ug/L	ND	50	50	48.8	32.1	98	64	20-130	41	30	R1
Diethylphthalate	ug/L	ND	50	50	62.3	44.2	125	88	28-142	34	30	R1
Dimethylphthalate	ug/L	ND	50	50	57.2	39.1	114	78	26-136	38	30	R1
Fluoranthene	ug/L	ND	50	50	65.3	50.6	131	101	39-143	25	30	
Fluorene	ug/L	ND	50	50	54.6	35.7	109	71	24-132	42	30	R1
Hexachlorobenzene	ug/L	ND	50	50	55.8	39.2	112	78	29-130	35	30	R1
Hexachlorocyclopentadiene	ug/L	ND	50	50	24.9	16.5	50	33	10-130	41	30	R1
Hexachloroethane	ug/L	ND	50	50	28.1	18.9	56	38	10-130	39	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	67.4	52.5	135	105	39-148	25	30	
Isophorone	ug/L	ND	50	50	43.0	29.5	86	59	23-130	37	30	R1
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	46.0	32.1	92	64	25-130	36	30	R1
N-Nitrosodimethylamine	ug/L	ND	50	50	37.4	28.5	75	57	22-130	27	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	56.3	38.5	113	77	26-134	38	30	R1
Nitrobenzene	ug/L	ND	50	50	41.7	29.6	83	59	25-130	34	30	R1
Pentachlorophenol	ug/L	ND	100	100	121	94.0	121	94	10-175	25	30	
Phenanthrene	ug/L	ND	50	50	60.8	44.8	122	90	36-133	30	30	
Phenol	ug/L	ND	50	50	24.7	18.9	49	38	10-130	27	30	
Pyrene	ug/L	ND	50	50	63.4	52.0	127	104	40-143	20	30	
2,4,6-Tribromophenol (S)	%						123	89	10-144			
2-Fluorobiphenyl (S)	%						77	54	10-130			
2-Fluorophenol (S)	%						59	45	10-130			
Nitrobenzene-d5 (S)	%						83	60	10-144			
Phenol-d6 (S)	%						45	36	10-130			
Terphenyl-d14 (S)	%						136	117	34-163			

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608418
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204878 Matrix: Water
Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/23/21 11:58	
2-Fluorobiphenyl (S)	%	115	61-163		03/23/21 11:58	
Nitrobenzene-d5 (S)	%	110	67-170		03/23/21 11:58	
Terphenyl-d14 (S)	%	110	62-169		03/23/21 11:58	

LABORATORY CONTROL SAMPLE: 3204879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.1	84	70-130	
2-Fluorobiphenyl (S)	%			113	61-163	
Nitrobenzene-d5 (S)	%			111	67-170	
Terphenyl-d14 (S)	%			102	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204880 3204881

Parameter	Units	92528627005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.5	2.5	99	98	50-165	1	30	
2-Fluorobiphenyl (S)	%						134	130	61-163			
Nitrobenzene-d5 (S)	%						116	117	67-170			
Terphenyl-d14 (S)	%						117	118	62-169			

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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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608386 | Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 | Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204846 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/23/21 05:42	

LABORATORY CONTROL SAMPLE: 3204847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204848 3204849

Parameter	Units	92528627013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	0.10	0.5	0.5	0.65	0.66	110	112	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204850 3204851

Parameter	Units	92528681002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.55	0.56	110	113	80-120	3	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608283 | Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993 | Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204500 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/22/21 20:49	

LABORATORY CONTROL SAMPLE: 3204501

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	52.9	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204502 3204503

Parameter	Units	92528546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	1220	50	50	1340	1340	237	231	90-110	0	10	M6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204504 3204505

Parameter	Units	92528730001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	10.4	50	50	62.6	60.5	104	100	90-110	3	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 609655 | Analysis Method: SM 5310B-2011
QC Batch Method: SM 5310B-2011 | Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3211135 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	03/26/21 23:53	

LABORATORY CONTROL SAMPLE: 3211136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	23.6	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211137 3211138

Parameter	Units	92528627010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	3.2	25	25	28.2	28.6	100	102	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211139 3211140

Parameter	Units	92528627016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.7	25	25	27.6	28.0	100	101	90-110	1	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528627010	MW-21_WG_20210317	EPA 3010A	608377	EPA 6010D	608407
92528627011	MW-39BR_WG_20210317	EPA 3010A	608377	EPA 6010D	608407
92528627012	MW-39BRL_WG_20210317	EPA 3010A	608377	EPA 6010D	608407
92528627013	MW-45BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627014	MW-46BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627015	MW-47BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627016	MW-38BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627010	MW-21_WG_20210317	EPA 3010A	608250	EPA 6010D	608352
92528627011	MW-39BR_WG_20210317	EPA 3010A	608250	EPA 6010D	608352
92528627012	MW-39BRL_WG_20210317	EPA 3010A	608250	EPA 6010D	608352
92528627013	MW-45BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627014	MW-46BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627015	MW-47BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627016	MW-38BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627001	MW-3BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627002	MW-3BRL_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627003	MW-21BR_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627004	MW-21BRL_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627005	MW-39S_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627006	MW-38S_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627007	FD-03_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627008	MW-18_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627009	FB-05_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627010	MW-21_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627011	MW-39BR_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627012	MW-39BRL_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627013	MW-45BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627014	MW-46BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627015	MW-47BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627016	MW-38BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627001	MW-3BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627002	MW-3BRL_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627003	MW-21BR_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627004	MW-21BRL_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627005	MW-39S_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627006	MW-38S_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627007	FD-03_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627008	MW-18_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627009	FB-05_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627010	MW-21_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627011	MW-39BR_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627012	MW-39BRL_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627013	MW-45BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627014	MW-46BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627015	MW-47BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627016	MW-38BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627001	MW-3BR_WG_20210316	EPA 8260D	608458		

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: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528627002	**MW-3BRL_WG_20210316**	EPA 8260D	608267		
92528627003	**MW-21BR_WG_20210317**	EPA 8260D	608862		
92528627004	**MW-21BRL_WG_20210317**	EPA 8260D	608862		
92528627005	**MW-39S_WG_20210317**	EPA 8260D	608267		
92528627006	**MW-38S_WG_20210316**	EPA 8260D	608267		
92528627007	**FD-03_WG_20210317**	EPA 8260D	608862		
92528627008	**MW-18_WG_20210316**	EPA 8260D	608267		
92528627009	**FB-05_WG_20210317**	EPA 8260D	608257		
92528627010	**MW-21_WG_20210317**	EPA 8260D	608267		
92528627011	**MW-39BR_WG_20210317**	EPA 8260D	608267		
92528627012	**MW-39BRL_WG_20210317**	EPA 8260D	608267		
92528627013	**MW-45BR_WG_20210316**	EPA 8260D	608458		
92528627014	**MW-46BR_WG_20210316**	EPA 8260D	608267		
92528627015	**MW-47BR_WG_20210316**	EPA 8260D	608279		
92528627016	**MW-38BR_WG_20210316**	EPA 8260D	608267		
92528627017	**TB-08_WG_20210317**	EPA 8260D	608257		
92528627018	**TB-09_WG_20210317**	EPA 8260D	608257		
92528627019	**TB-10_WG_20210317**	EPA 8260D	608257		
92528627010	**MW-21_WG_20210317**	SM 4500-S2D-2011	608386		
92528627011	**MW-39BR_WG_20210317**	SM 4500-S2D-2011	608386		
92528627012	**MW-39BRL_WG_20210317**	SM 4500-S2D-2011	608386		
92528627013	**MW-45BR_WG_20210316**	SM 4500-S2D-2011	608386		
92528627014	**MW-46BR_WG_20210316**	SM 4500-S2D-2011	608386		
92528627015	**MW-47BR_WG_20210316**	SM 4500-S2D-2011	608386		
92528627016	**MW-38BR_WG_20210316**	SM 4500-S2D-2011	608386		
92528627010	**MW-21_WG_20210317**	EPA 300.0 Rev 2.1 1993	608283		
92528627011	**MW-39BR_WG_20210317**	EPA 300.0 Rev 2.1 1993	608283		
92528627012	**MW-39BRL_WG_20210317**	EPA 300.0 Rev 2.1 1993	608283		
92528627013	**MW-45BR_WG_20210316**	EPA 300.0 Rev 2.1 1993	608283		
92528627014	**MW-46BR_WG_20210316**	EPA 300.0 Rev 2.1 1993	608283		
92528627015	**MW-47BR_WG_20210316**	EPA 300.0 Rev 2.1 1993	608283		
92528627016	**MW-38BR_WG_20210316**	EPA 300.0 Rev 2.1 1993	608283		
92528627010	**MW-21_WG_20210317**	SM 5310B-2011	609655		
92528627011	**MW-39BR_WG_20210317**	SM 5310B-2011	609655		
92528627012	**MW-39BRL_WG_20210317**	SM 5310B-2011	609655		
92528627013	**MW-45BR_WG_20210316**	SM 5310B-2011	609655		
92528627014	**MW-46BR_WG_20210316**	SM 5310B-2011	609655		
92528627015	**MW-47BR_WG_20210316**	SM 5310B-2011	609655		
92528627016	**MW-38BR_WG_20210316**	SM 5310B-2011	609655		

REPORT OF LABORATORY ANALYSIS

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

Sample Condition Upon Receipt

Client Name: Synterra

Project #: WO# : 92528627

92528627

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

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

Date/Initials Person Examining Contents: 3-19-21 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: 1.3/0.6/0.1 **Correction Factor:** Add/Subtract (°C) 0.0°C

Cooler Temp Corrected (°C): 1.3/0.6/0.1

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

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? -Includes Date/Time/ID/Analysis Matrix: WT	☑ Yes	☐ No	☐ N/A	9.
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# : 92528627**

pg 1

PM: KLH1 Due Date: 03/25/21

CLIENT: 92-Duke Ener

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
2																3											2		3
3																3											2		3
4																3											2		3
5																3											2		3
6																9											6		9
7																3											2		3
8																3											2		3
9																3											2		3
10																3											2		3
11																3											2		3
12																3											2		3

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project # WO#: 92528627

pg 2

PM: KLH1 Due Date: 03/25/21

CLIENT: 92-Duke Ener

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
2																3											2		3
3																3											2		3
4																3											2		3
5																2													
6																2													
7																2													
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 3

Section A — Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	tking@synterracorp.com
Phone:	(803)429-3668 Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754

Regulatory Agency

State / Location: SC

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

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	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)	
25	MW-35TZ_WG_	WT																	X	X	X							
26	MW-35BR_WG_	WT																	X	X	X							
27	MW-43S_WG_	WT																	X	X	X							
28	MW-43TZ_WG_	WT																	X	X	X							
29	MW-43BR_WG_	WT																	X	X	X	X	X	X	X	X		
30	MW-1_WG_	WT																	X	X	X							
31	MW-2TZ_WG_	WT																	X	X	X							
32	MW-2BR_WG_	WT																	X	X	X							
33	MW-3BR_WG_ 20210316	WT			3/16/21	1109			8	5			3						X	X	X							001
34	MW-3BRL_WG_ 20210316	WT			3/16/21	1150			8	5			3						X	X	X							002
35	MW-21_WG_ 20210317	WT			3/17/21	0907			15	6		2	3				4		X	X	X	X	X	X	X	X		010
36	MW-21BR_WG_ 20210317	WT			3/17/21	1131			8	5			3						X	X	X							003

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Level 4 data report required		3/17/21	1235		3-17-21	1235
		3.17.21	1400	/Pace	3.17.21	1400
	/Pace	3.18.21	1410	/PACE/AVL	3-18-21	1410
				PACE HVL	3-19-21	8:00

SAMPLE CONDITIONS			
2.3	Y	N	Y
TEMP in C: 0.6, 0.1	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

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 3

Section A — Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	tking@synterracorp.com
Phone: (803)429-3668	Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754

Regulatory Agency:

State / Location: SC

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	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	MS/MSD	Residual Chlorine (Y/N)	92524627
37	MW-21BRL_WG_20210317	WT				3/17/21	1051		8	5			3						x	x	x								004
38	MW-39S_WG_20210317	WT				3/17/21	1049		2	1			9						x	x	x							X		MS/MSD 005
39	MW-39BR_WG_20210317	WT				3/17/21	0957		15	6		2	3				4		x	x	x	x	x	x	x					011
40	MW-39BRL_WG_20210317	WT				3/17/21	0903		15	6		2	3				4		x	x	x	x	x	x	x					012
41	MW-45BR_WG_20210316	WT				3/16/21	0923		15	6		2	3				4		x	x	x	x	x	x	x					013
42	MW-46BR_WG_20210316	WT				3/16/21	1427		15	6		2	3				4		x	x	x	x	x	x	x					014
43	MW-47BR_WG_20210316	WT				3/16/21	1353		15	6		2	3				4		x	x	x	x	x	x	x					015
44	MW-5_WG_	WT																	x	x	x									
45	MW-22_WG_	WT																	x	x	x									
46	MW-40BR_WG_	WT																	x	x	x									
47	MW-38S_WG_20210316	WT				3/16/21	1200		8	5			3						x	x	x									006
48	MW-38BR_WG_20210316	WT				3/16/21	1058		15	6		2	3				4		x	x	x	x	x	x	x					016

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required		3/17/21	1235	Chelsea Smith	3-17-21	1235	
	Chelsea Smith	3.17.21	1400	Pace	3.17.21	1400	
	Pace	3.18.21	1410	APPLE/AVL	3-18-21	1410	
				PACE GNL	3-19-21	8:00	L3 / Y / N / Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.6 / 0.1	Y	N	Y

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 : 3 Of 3

Section A — Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	tking@synterracorp.com
Phone:	(803)429-3668 Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754

Regulatory Agency:

State / Location: SC

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

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	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS	Residual Chlorine (Y/N)	
																													Q2526627
61	MW-44TZ_WG_	WT																	X	X	X								
62	MW-44BR_WG_	WT																	X	X	X	X	X	X	X	X			
63	FD-01_WG_	WT																	X	X	X	X	X	X	X	X			
64	FD-02_WG_	WT																	X	X	X	X	X	X	X	X			
65	FD-03_WG_20210317	WT			3/17/21	—			8	5		3						X	X	X	X	GSD	X	X	X	3/17/21			007
66	MW-18-WG-20210316	WT			3/16/21	1002			8	5		3						X	X	X									006
67	FB-05-WG-20210317	WT			3/17/21	1125			8	5		3						X	X	X									009
68	TB-08-WG-20210317	WT			—	—			2			2						X	X	X							X		017
69	TB-09-WG-20210317	WT			—	—			2			2						X	X	X							X		018
70	TB-10-WG-20210317	WT			—	—			2			2						X	X	X							X		019
71																													
72																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Level 4 data report required		3/17/21	1235		3-17-21	1235
		3.17.21	1240	/Pace	3.17.21	1400
	/Pace	3.18.21	1410	/PACE/MVL	3-18-21	1410
				PACE HR	3-19-21	8:00

SAMPLE CONDITIONS

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed:

ATTACHMENT B

GEOPHYSICAL LOGS

821 Livingston Court, Suite E
Marietta, GA 30067

P 770.980.1002

Geophysical Logging Report

MW – 49 BR

Former Bramlette MGP Plant, Greenville, South Carolina

Performed for:

SynTerra

February 17, 2021

Geophysical Logging Report: MW – 49 BR Former Bramlette MGP Plant, Greenville, South Carolina

TABLE OF CONTENTS

SIGNATURE PAGE

This report, entitled "Geophysical Logging Report: MW – 49 BR, Former Bramlette MGP Plant, Greenville, South Carolina" has been prepared for SynTerra located in Greenville, South Carolina. It has been prepared under the supervision of Mr. Jorgen Bergstrom at the request of and the exclusive use of SynTerra. This report has been prepared in accordance with accepted quality control practices and has been reviewed by the undersigned.

GEL Solutions, LLC
A Member of the GEL Group, Inc.

Jorgen Bergstrom, P.Gp.
Senior Geophysicist

Eric Armstrong
Geophysical Specialist

February 17, 2021

Date

EXECUTIVE SUMMARY

GEL Solutions performed geophysical borehole logging services in one boring located at a Former Bramlette MGP Plant in Greenville, South Carolina. The field investigations were performed on February 15, 2021. This investigation was conducted to aid SynTerra in evaluating potential pathways for groundwater migration through fractured bedrock at the site. The geophysical logs consisted of acoustic televiewer, optical televiewer, caliper, fluid conductivity, fluid temperature, single point resistance (SPR), spontaneous potential (SP), and heat pulse flowmeter (HPF). HPF logging was conducted under both ambient and pumping conditions throughout the logging intervals.

The logging data was analyzed to determine the location and orientation of fractures; and other features. In addition to these data sets, synthetic caliper logs were calculated from the acoustic televiewer travel time data to aid in the interpretation. The logs were analyzed for fractures and other features. Dip and azimuth (dip direction) were calculated for each detected fracture based on the televiewer dataset. HPF data was analyzed to detect water producing fractures.

1.0 INTRODUCTION

GEL Solutions performed geophysical borehole logging services in one boring located at a Former Duke Energy MGP Plant in Greenville, South Carolina. The geophysical logs consisted of acoustic and optical televiewer, 3-arm caliper, fluid conductivity, fluid temperature, single point resistance (SPR), spontaneous potential (SP), and heat pulse flowmeter (HPF). The field investigation was performed on February 15, 2021. The logging data was analyzed to determine the location and orientation of fractures; and other features. In addition to these data sets, synthetic caliper logs were calculated from the acoustic televiewer travel time data to aid in the interpretation.

2.0 EQUIPMENT AND METHODOLOGY

The information below is an overview of the geophysical methodologies used for this investigation. The intent of this overview is to give the reader a better understanding of each method, and background information as to what is actually measured, the resolution of the method, and the limitations imposed by site-specific subsurface conditions.

2.1 Acoustic Televiewer

Acoustic televiewer (ATV) logging produces a high resolution, magnetically oriented digital image of the borehole wall to map the location and orientation of intersecting fractures, foliations, and lithologic contacts. The Acoustic televiewer tool emits a rotating, narrow, acoustic beam that is reflected off the borehole wall. The travel time and amplitude of the reflected wave are recorded by the tool and used to create borehole images. Both datasets are useful for identifying the location and orientation of fractures. The amplitude of the reflected signal will decrease at the location of fractures and the travel time will increase. The travel time data can also be used for developing a high resolution caliper log for a more comprehensive analysis of fractures. Acoustic televiewers can only be used in fluid filled boreholes. However, the fluid does not have to be optically clear for the method to work.

When operating the ATV, a “time window” is set based on the borehole diameter. The time window is the time interval in which the ATV instrument searches for an echo from the borehole wall. For smaller increases in borehole diameter around fractures and sections of weaker rock, the ATV typically records an accurate borehole diameter (correlates well with three-arm caliper data). However, if borehole openings are

much larger than the borehole diameter, the echo from the borehole wall may fall outside the time window, or be too weak to be detected. In these situations, borehole diameters recorded with ATV may be inaccurate. Since ATV only records the reflection from the borehole wall, the data cannot be used to determine how far a fracture extends from the borehole. The acoustic televiewer has a vertical resolution of 2 millimeters.

2.2 Optical Televiewer

Optical televiewer (OTV) logging is used to record and digitize a 360-degree color image of the borehole wall. Planar features such as fractures, foliation, and lithologic contacts can be identified directly on the images. The tool is magnetically oriented in order to determine the strike and dip of features. Televiewers have a vertical resolution of 2mm. As a result, it is able to see features other tools may not resolve. Optical images can be collected above or below the water surface, provided the water is sufficiently clear for viewing the borehole wall**.**

2.3 3-Arm Caliper

Caliper logging is used to generate a profile of the borehole diameter with depth. The tool measures the borehole diameter using three spring-loaded arms. Narrow enlargements in the borehole diameter can, in most cases, be attributed to fractures. Caliper logging can be conducted above and below the water surface.

2.4 Fluid Temperature

Fluid temperature logging is used to identify where water enters or exits the borehole. In the absence of fluid flow, a gradual increase on water temperature of approximately 1^{o}F per 100 feet of depth is expected. Rapid changes in the fluid temperature indicate water-producing or water-receiving zones. Little or no temperature gradient indicates intervals of vertical flow.

2.5 Fluid Conductivity

Fluid conductivity logging is used to measure the electrical conductivity of the fluid in the borehole. Variations in fluid conductivity can be contributed to concentration variations of dissolved solids. These differences can occur when sources of water have contrasting chemistry and have come from different transmissive zones. Fluid temperature and conductivity are measured concurrently using the same logging tool.

2.6 Single Point Resistance (SPR)

Single point resistance logging involves passing an alternate current between a surface electrode and a probe electrode and measuring the voltage difference created by the current. SPR is then calculated using Ohm's law. SPR is the sum of cable resistance, and the resistance based on the composition of the medium, the cross sectional area and length of the path through the medium. Therefore, the single point resistance log does not provide quantitative data. In general, SPR increases with increasing grain size and decreases with increasing borehole diameter, fracture density, and the concentration of dissolved solids in the water. Single-point resistance logs are useful in the determination of lithology, water quality, and location of fracture zones

2.7 Spontaneous Potential (SP)

SP logging is conducted to measure naturally occurring voltage differences along a borehole. The method has been found useful for delineating sandstone/shale layering and other boundaries between permeable and impermeable beds. The measurements are made with reference to an electrode at ground level. Therefore, SP logging does not provide quantitative data.

2.8 Heat Pulse Flowmeter (HPF)

HPF logging measures the direction and rate of vertical fluid flow in a borehole by heating up a small volume of water and monitoring temperature variations as the heated water moves with the fluid flow in the borehole. Under ambient conditions, differences in hydraulic head between two transmissive fractures produce vertical flow in the borehole. However, if the hydraulic head is the same, no flow will occur under ambient conditions. Therefore, HPF logging is also conducted under low-rate pumping conditions. HPF readings are point readings at the location of fractures. The location and number of these readings can be determined after analyzing the other geophysical logs for fractures. HPF can be used for measuring vertical flows between 0.005 gallons per minute (gpm) and approximately 1.5 gpm. In HPF data, upward flow is shown as positive flow, and downward flow is shown as negative flow.

3.0 FIELD PROCEDURES

All GEL Solutions activities on-site were supervised by a senior geophysicist. For this investigation, GEL Solutions used a Mount Sopris Matrix logging system. Pumping tests during HPF testing were conducted using a Grundfos Redi-Flow-2 water pump with variable speed control box and an in-situ Mini-Troll pressure transducer with logging capabilities. The pump is placed above the interval to be analyzed and preferably in the casing

(unless the water level is too low). HPF logging under pumping conditions commenced after the borehole water level had stabilized. HPF logging was conducted at every 5 feet throughout the logging intervals under ambient and pumping conditions. More closely spaced readings were then conducted at sections with abrupt changes in flow. A summary of the configuration of the boreholes, pumping rates, and water levels is provided below. All depth measurements are referenced from top of inner (5.7 inch) casing (approximately 1.1 feet above ground level and the outer casing). All borings are surface cased and open hole below the casing.

Logging Configuration Summary

Well ID:	MW - 49 BR
Casing Material:	PVC
Casing Diameter (in):	5.7
Open Hole (ft):	49.0-114.6
Open Hole Diameter (in):	5.6
Pumping Rate (gpm):	0.9
Pump Depth (ft)	30
Water Level Before Pumping (ft):	9.55
Water Level at Equilibrium (ft):	10.47

4.0 DATA PROCESSING AND RESULTS

The logs were analyzed for fractures and other features using WellCAD software, manufactured by Advanced Logic Technology. The travel time data from the acoustic televiewer log was used to develop a maximum caliper log. Fractures were interpreted through a complete data analysis of all logs. Dip and azimuth (dip direction) were calculated for each detected fracture. The fracture data was corrected from apparent to true dip and azimuth using deviation logs included with the televiewer dataset, and from magnetic north to true north by rotating the fracture azimuths 6.8° counterclockwise. Magnetic north is 6.8° west of true north at the site (according to National Oceanic and Atmospheric Administration). The reported azimuth is measured clockwise from true north (Figure 1). A fracture summary table including fracture attributes is provided in

Appendix 1. Dominating water producing fractures based on flow logging or other evidence are highlighted and shown in bold and italics text. Minor water producing fractures based on flow logging are shown in bold.

Schmidt stereonets (lower hemisphere) with fracture characteristics and fracture rose diagrams are presented on Appendix 2. HPF logs and fracture characteristics are shown on Appendix 3. All logs are presented on Appendix 4. All depth measurements are referenced from top of inner (5.7 inch) casing (approximately 1.1 feet above ground level and the outer casing).

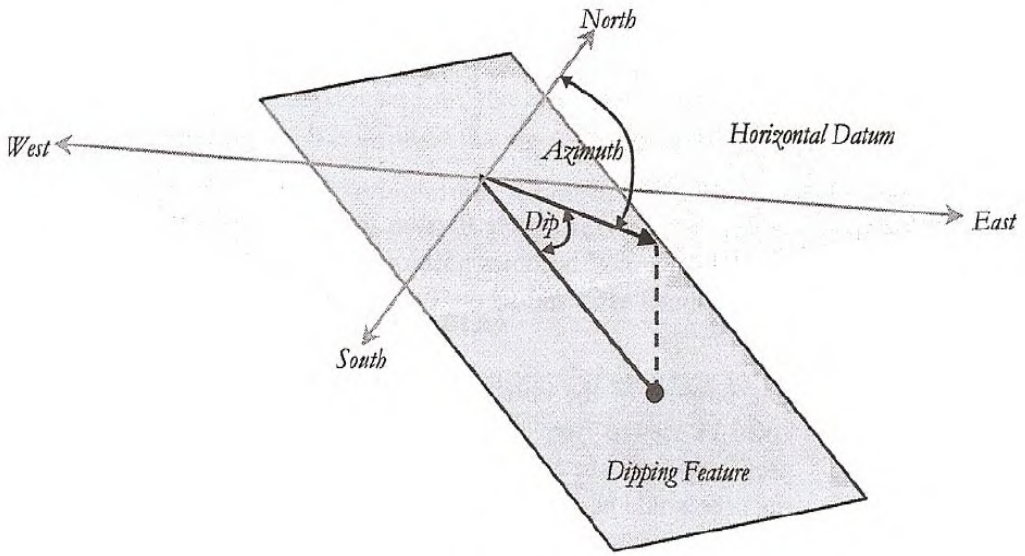


Figure 1 Explanation of azimuth and dip for fractures

APPENDIX 1

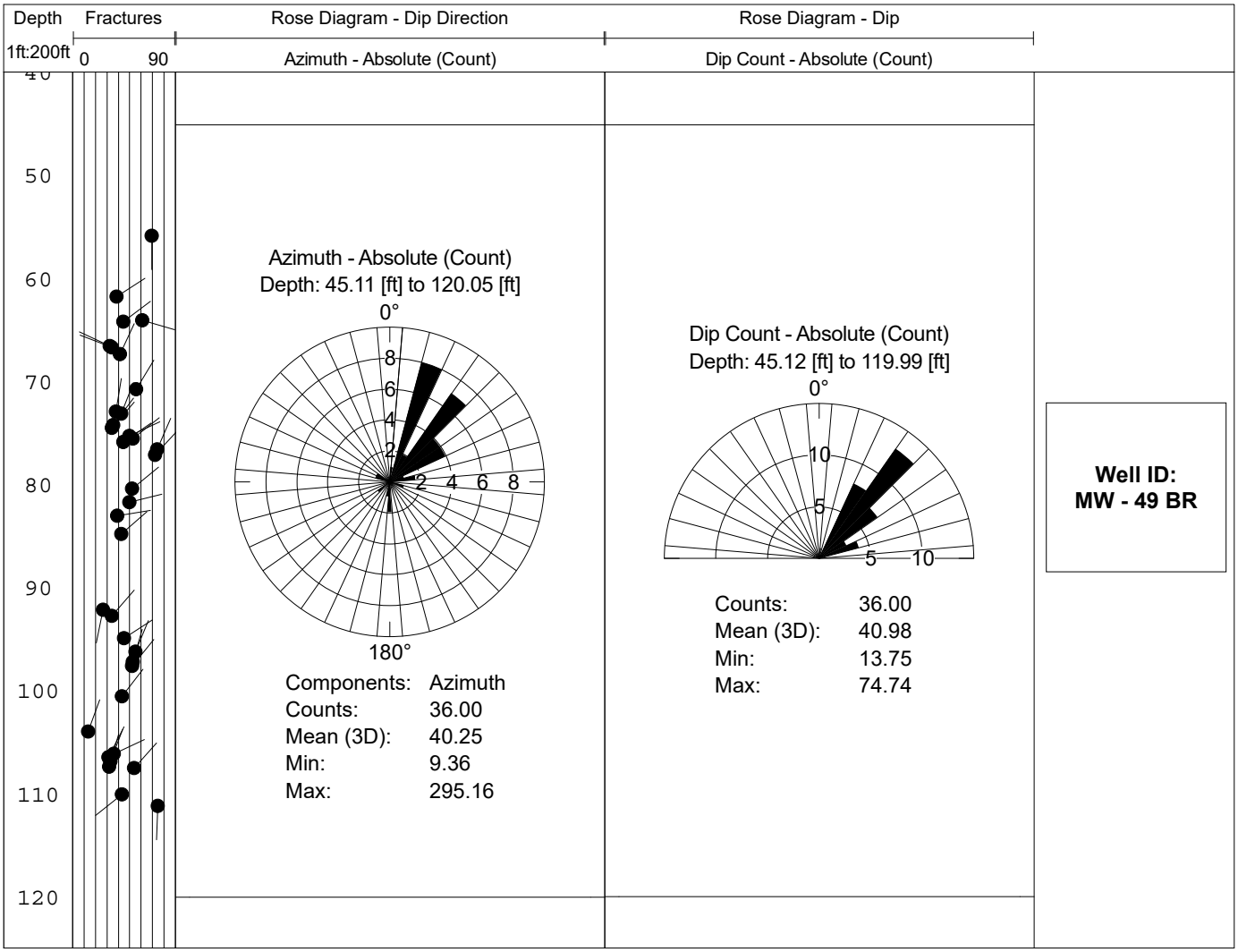
Fracture Summary Table
Former Bramlette MGP Plant

MW-49 BR

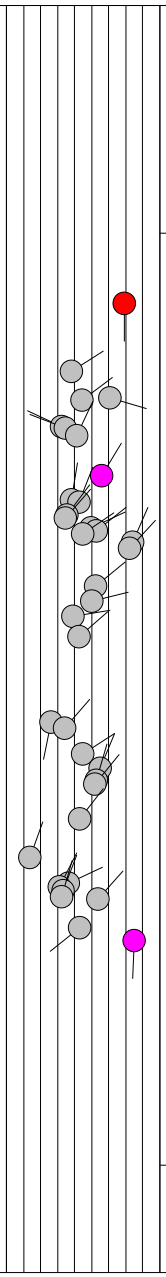
Depth ft	Azimuth deg	Dip deg	Aperture mm
55.9	***180***	***69***	***28***
61.8	57	38	1
64.1	106	61	1
64.2	54	44	1
66.6	295	32	1
66.7	291	34	1
67.4	25	41	1
70.8	**31**	**56**	**69**
72.9	9	38	1
73.1	22	42	1
74.2	37	35	1
74.5	41	35	1
75.3	65	50	1
75.6	51	53	1
75.9	56	45	1
76.6	24	74	1
77.1	43	72	1
80.4	51	52	1
81.7	76	50	1
83.0	81	39	1
84.8	49	43	1
92.2	191	26	1
92.8	41	34	1
95.0	58	45	1
96.2	22	55	7
97.2	16	53	1
97.6	39	52	1
100.6	38	43	1
104.0	20	14	1
106.2	65	36	1
106.5	27	31	1
106.8	21	33	1
107.4	17	32	1
107.6	42	54	1
110.1	231	43	16
111.2	**182**	**75**	**11**

Dominating water producing fractures are highlighted and shown in bold italicized text. Minor water producing fractures are shown in bold text. Closed fractures are shown in plain text.

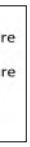
APPENDIX 2


Depth
Fractures
Rose Diagram - Dip Direction
Rose Diagram - Dip
1ft:200ft
0
90
Azimuth - Absolute (Count)
Dip Count - Absolute (Count)
40
50
60
70
80
90
100
110
120
Azimuth - Absolute (Count)
Depth: 45.11 [ft] to 120.05 [ft]
0°
2
4
6
8
2
4
6
8
180°
Components: Azimuth
Counts: 36.00
Mean (3D): 40.25
Min: 9.36
Max: 295.16
Dip Count - Absolute (Count)
Depth: 45.12 [ft] to 119.99 [ft]
0°
5
10
5
10
Counts: 36.00
Mean (3D): 40.98
Min: 13.75
Max: 74.74
Well ID:
MW - 49 BR

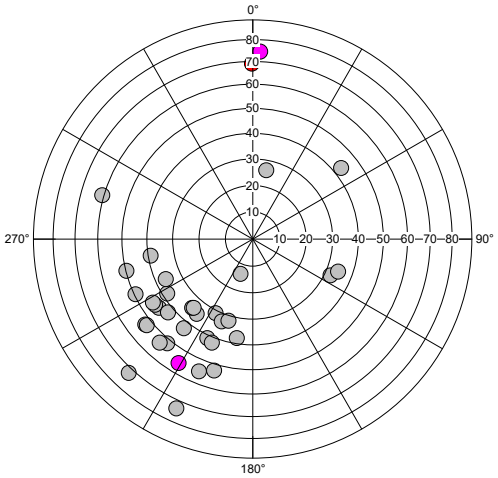
Depth	Fractures	Poles - Dip - Lower Hemisphere	Great Circles - Strike - Lower Hemisphere
1ft:200ft	0 90	Schmidt Plot - LH - Type	Schmidt Plot (Strike) - LH - Type



Well ID:
MW - 49 BR

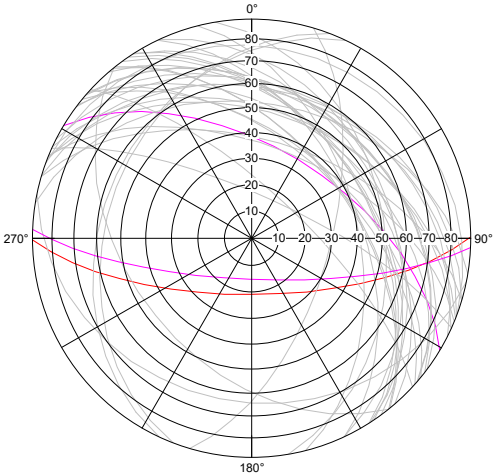


Schmidt Plot - LH - Type
Depth: 49.72 [ft] to 130.63 [ft]



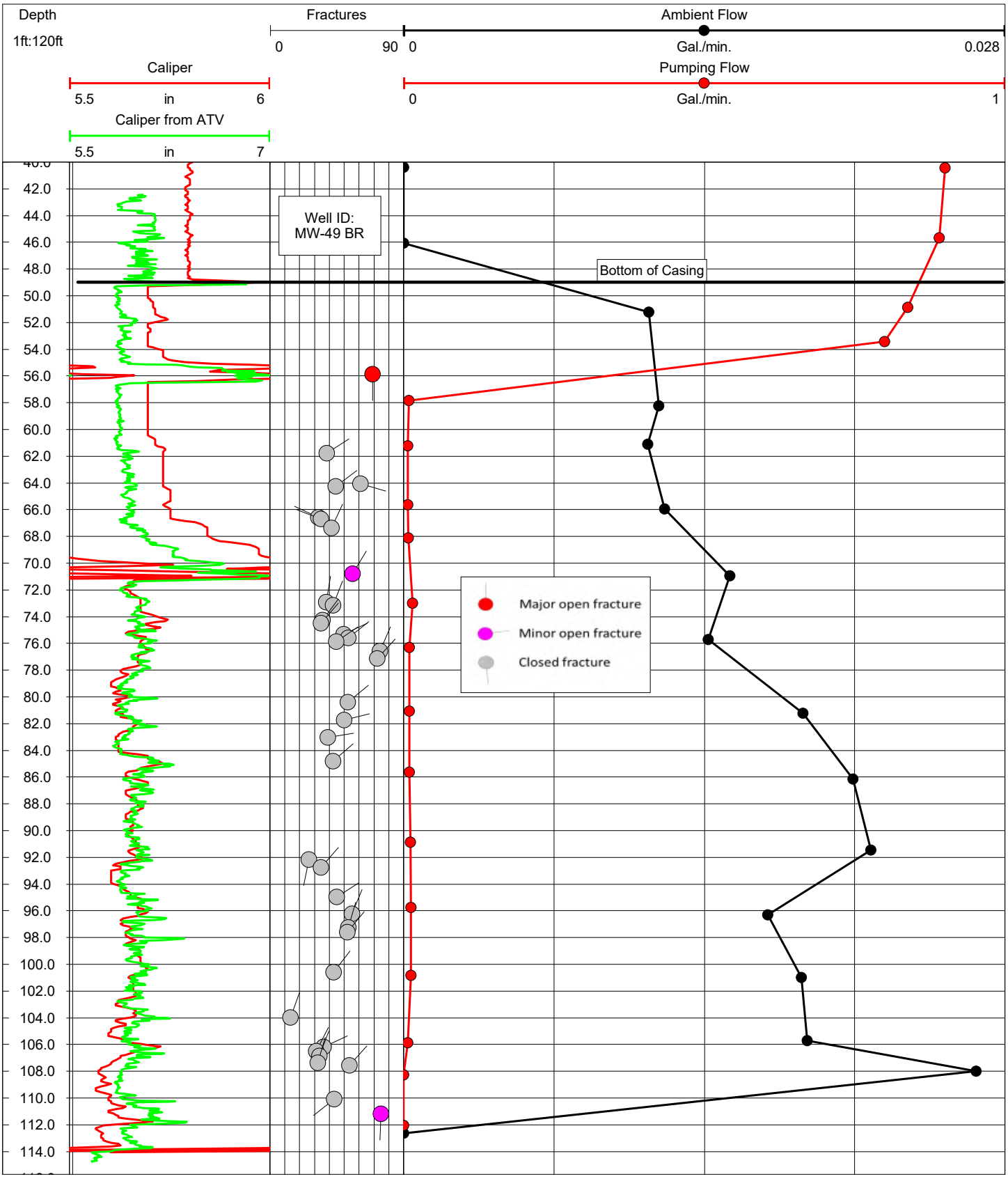
	Counts	Dip[deg]	Azi[deg]
Mean	36	40.98	40.25
●	1	69.11	179.69
●	33	39.48	41.78
●	2	80.22	15.55

Schmidt Plot (Strike) - LH - Type
Depth: 49.72 [ft] to 130.50 [ft]



	Counts	Dip[deg]	Strike[deg]
Mean	36	40.98	310.25
●	1	69.11	89.69
●	33	39.48	311.78
●	2	80.22	285.55

APPENDIX 3


Depth
1ft:120ft
Fractures
0
90
Ambient Flow
0
Gal./min.
0.028
Caliper
5.5
in
6
Pumping Flow
0
Gal./min.
1
Caliper from ATV
5.5
in
7
Well ID:
MW-49 BR
Bottom of Casing
Major open fracture
Minor open fracture
Closed fracture
42.0
44.0
46.0
48.0
50.0
52.0
54.0
56.0
58.0
60.0
62.0
64.0
66.0
68.0
70.0
72.0
74.0
76.0
78.0
80.0
82.0
84.0
86.0
88.0
90.0
92.0
94.0
96.0
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100.0
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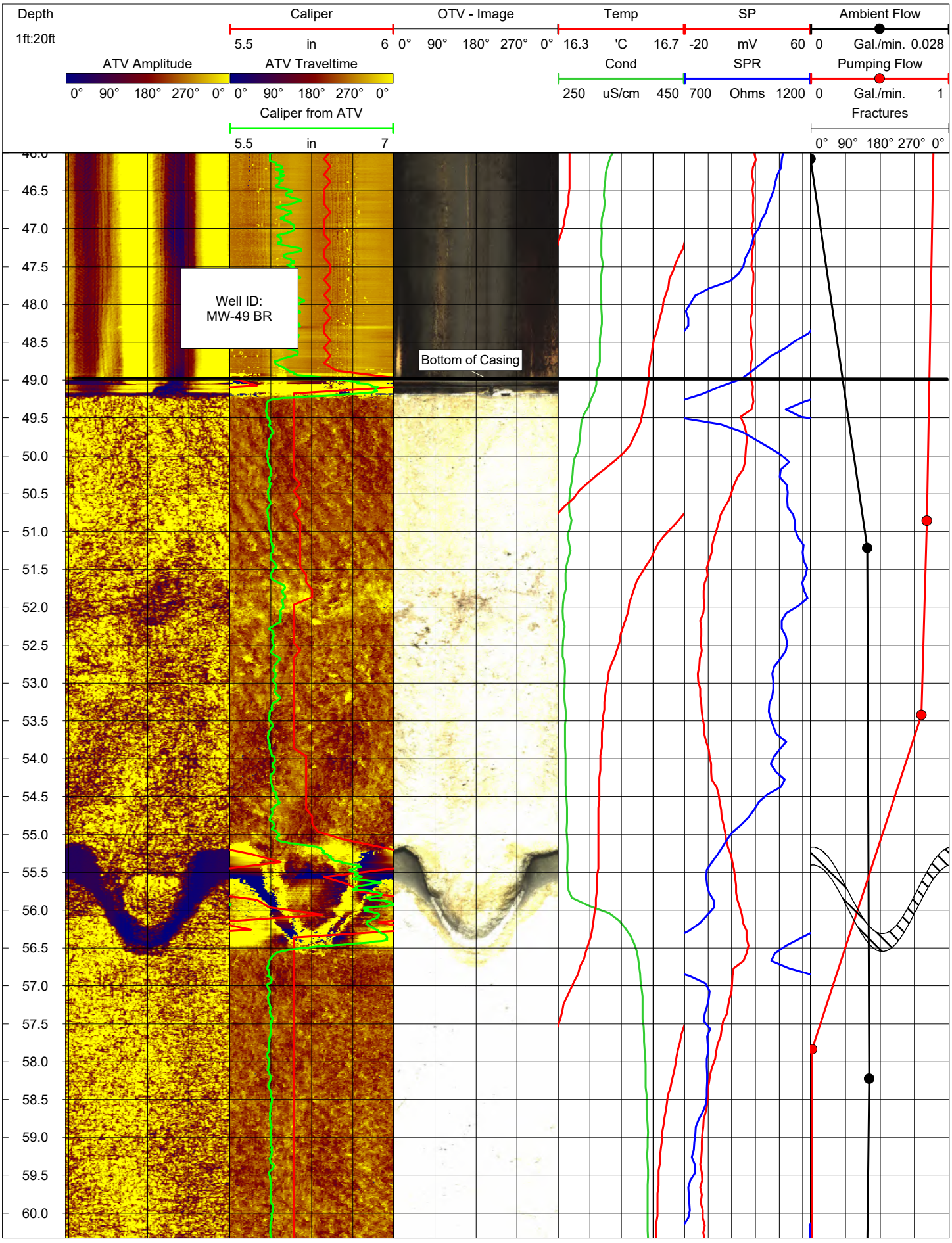
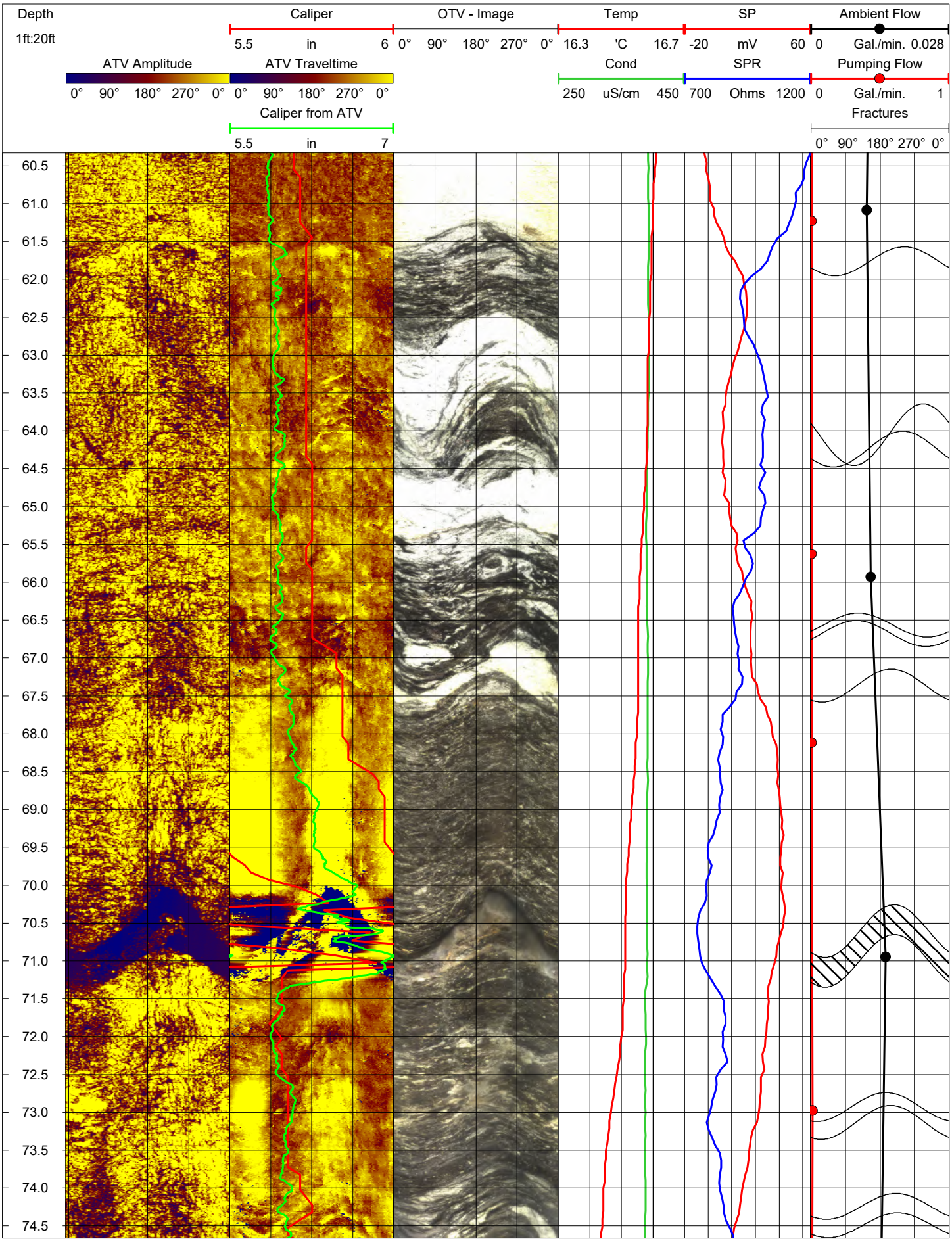
104.0
106.0
108.0
110.0
112.0
114.0

APPENDIX 4


Depth
1ft:20ft
Caliper
5.5 in 6
OTV - Image
0° 90° 180° 270° 0°
Temp
16.3 'C 16.7
SP
-20 mV 60
Ambient Flow
0 Gal./min. 0.028
ATV Amplitude
0° 90° 180° 270° 0°
ATV Traveltime
0° 90° 180° 270° 0°
Cond
250 uS/cm 450
SPR
700 Ohms 1200
Pumping Flow
0 Gal./min. 1
Caliper from ATV
5.5 in 7
Fractures
0° 90° 180° 270° 0°
46.5
47.0
47.5
48.0
48.5
49.0
49.5
50.0
50.5
51.0
51.5
52.0
52.5
53.0
53.5
54.0
54.5
55.0
55.5
56.0
56.5
57.0
57.5
58.0
58.5
59.0
59.5
60.0
Well ID:
MW-49 BR
Bottom of Casing


Depth
1ft:20ft
Caliper
5.5 in 6
OTV - Image
0° 90° 180° 270° 0°
Temp
16.3 'C 16.7
SP
-20 mV 60
Ambient Flow
0 Gal./min. 0.028
ATV Amplitude
0° 90° 180° 270° 0°
ATV Traveltime
0° 90° 180° 270° 0°
Cond
250 uS/cm 450
SPR
700 Ohms 1200
Pumping Flow
0 Gal./min. 1
Caliper from ATV
5.5 in 7
Fractures
0° 90° 180° 270° 0°
60.5
61.0
61.5
62.0
62.5
63.0
63.5
64.0
64.5
65.0
65.5
66.0
66.5
67.0
67.5
68.0
68.5
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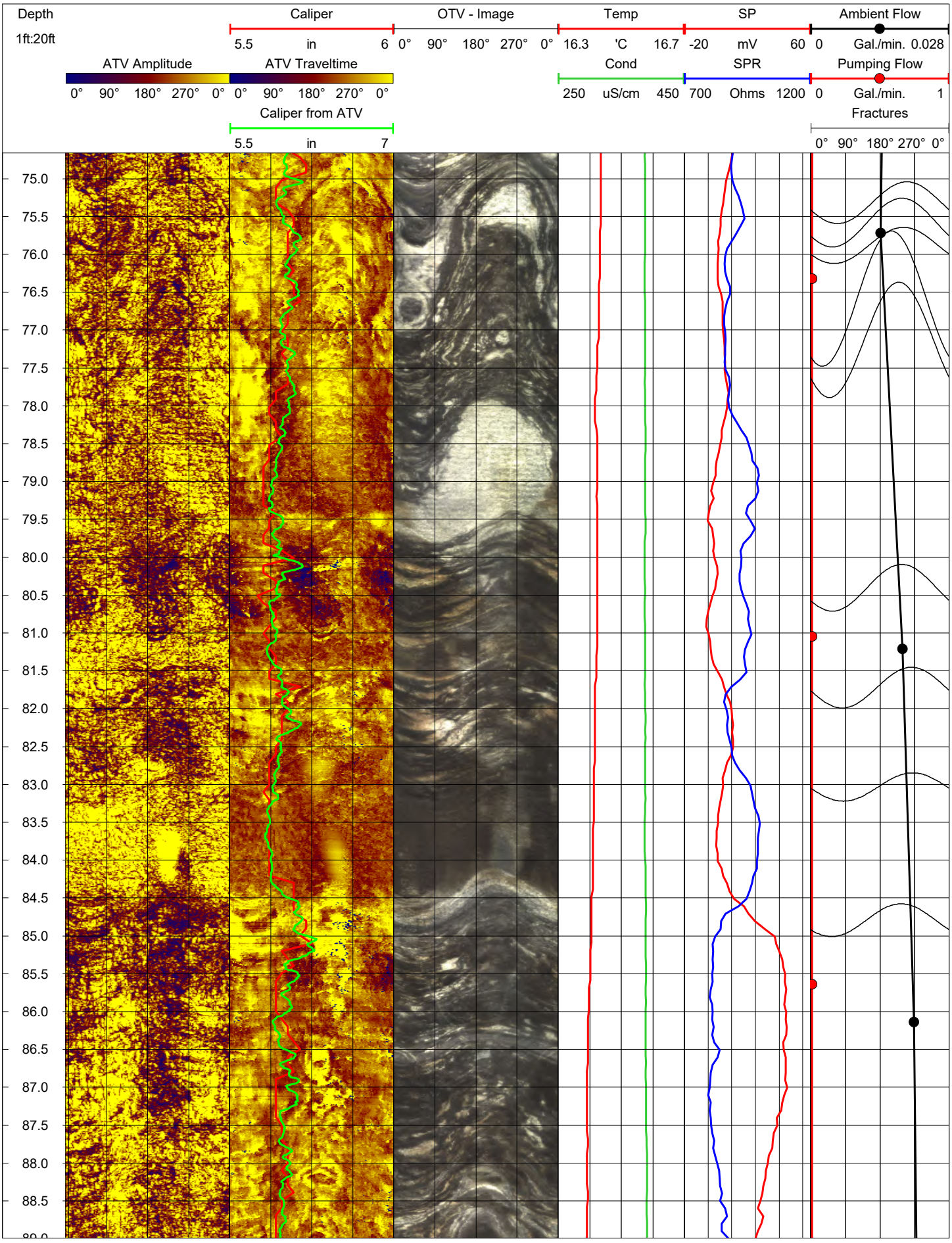
72.5
73.0
73.5
74.0
74.5


Depth
1ft:20ft
Caliper
5.5 in 6
OTV - Image
0° 90° 180° 270° 0°
Temp
16.3 'C 16.7
SP
-20 mV 60
Ambient Flow
0 Gal./min. 0.028
ATV Amplitude
0° 90° 180° 270° 0°
ATV Traveltime
0° 90° 180° 270° 0°
Cond
250 uS/cm 450
SPR
700 Ohms 1200
Pumping Flow
0 Gal./min. 1
Caliper from ATV
5.5 in 7
Fractures
0° 90° 180° 270° 0°
75.0
75.5
76.0
76.5
77.0
77.5
78.0
78.5
79.0
79.5
80.0
80.5
81.0
81.5
82.0
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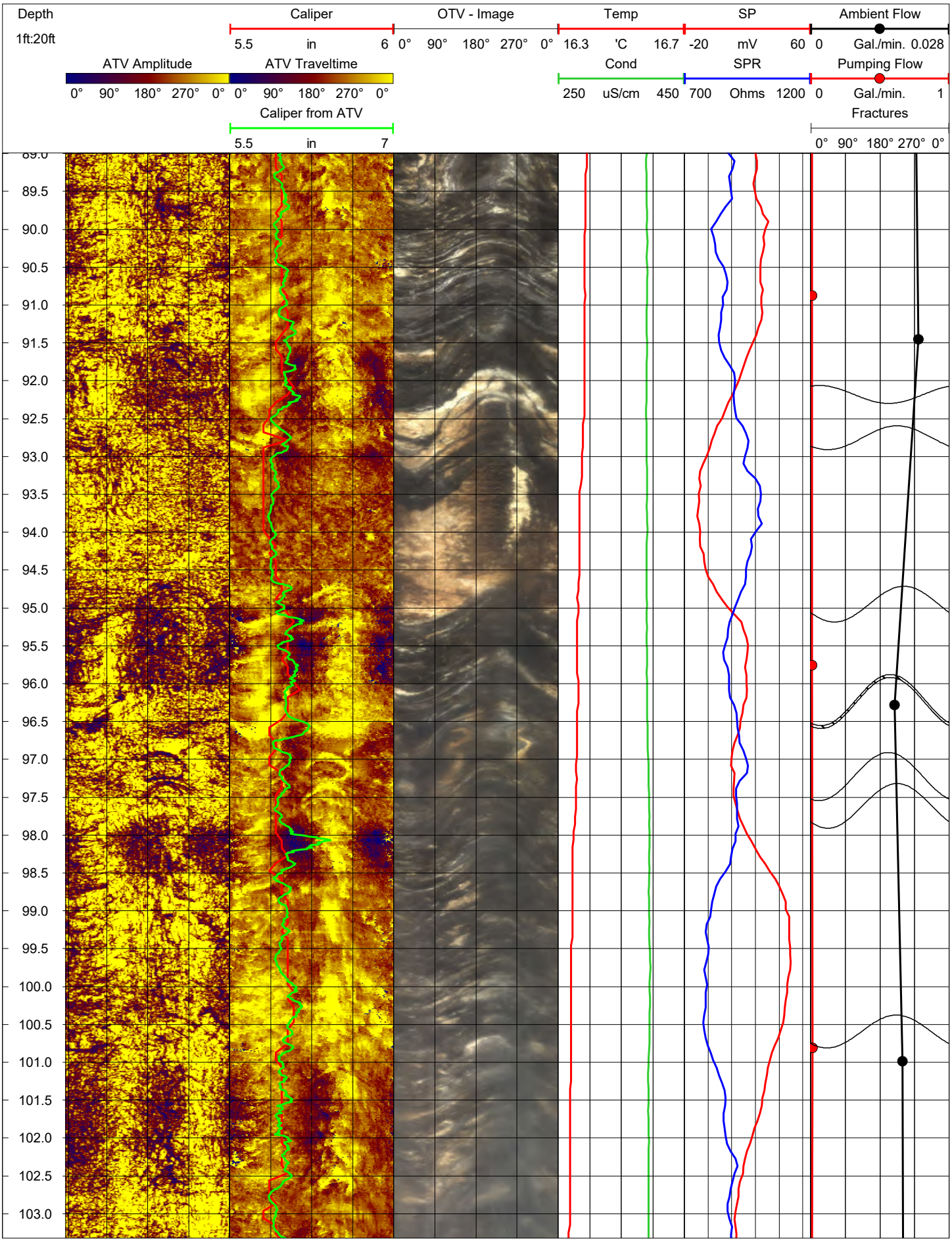
88.0
88.5


Depth
1ft:20ft
Caliper
5.5 in 6
OTV - Image
0° 90° 180° 270° 0°
Temp
16.3 'C 16.7
SP
-20 mV 60
Ambient Flow
0 Gal./min. 0.028
ATV Amplitude
0° 90° 180° 270° 0°
ATV Traveltime
0° 90° 180° 270° 0°
Cond
250 uS/cm 450
SPR
700 Ohms 1200
Pumping Flow
0 Gal./min. 1
Caliper from ATV
5.5 in 7
Fractures
0° 90° 180° 270° 0°
89.0
89.5
90.0
90.5
91.0
91.5
92.0
92.5
93.0
93.5
94.0
94.5
95.0
95.5
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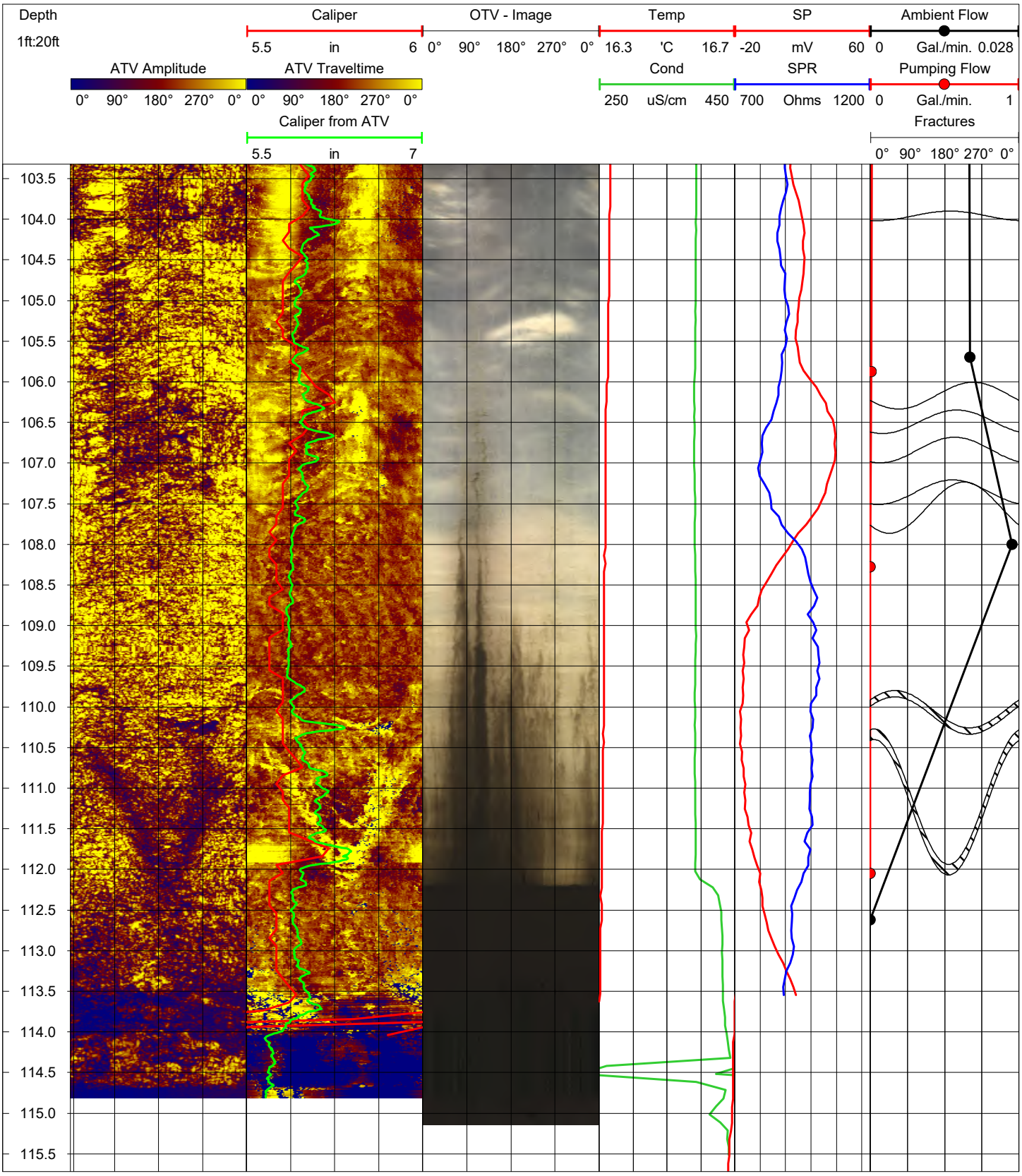
103.0


Depth
1ft:20ft
Caliper
5.5 in 6
OTV - Image
0° 90° 180° 270° 0°
Temp
16.3 'C 16.7
SP
-20 mV 60
Ambient Flow
0 Gal./min. 0.028
ATV Amplitude
0° 90° 180° 270° 0°
ATV Traveltime
0° 90° 180° 270° 0°
Cond
250 uS/cm 450
SPR
700 Ohms 1200
Pumping Flow
0 Gal./min. 1
Caliper from ATV
5.5 in 7
Fractures
0° 90° 180° 270° 0°
103.5
104.0
104.5
105.0
105.5
106.0
106.5
107.0
107.5
108.0
108.5
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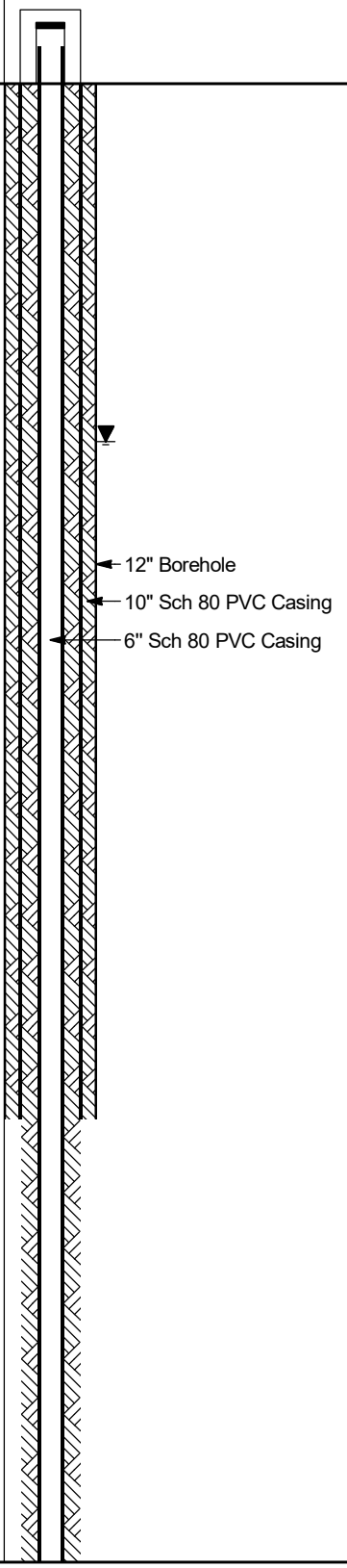
110.5
111.0
111.5
112.0
112.5
113.0
113.5
114.0
114.5
115.0
115.5

ATTACHMENT C

DHEC 1903 FORMS AND BORING LOG

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-49BR**
PROJECT NO:	00.2731.00	STARTED: 2/9/21	COMPLETED: 2/12/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	HSA/Air Rotary	G.S. ELEV: Not Available ft	M.P. ELEV: Not Available ft
BOREHOLE DIAMETER:	12, 10, 5 IN	DEPTH TO WATER: 9.6 ft TOC	TOTAL DEPTH: 200.0 ft BGS
NOTES:		LOGGED BY: T. King	CHECKED BY: T. Plating

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)
5			FILL; Silty clay, light brown to orange. Brick, asphalt, rebar, and concrete block encountered.				
			CLAY; Silty, light brown with orange mottling, moist.				0.0
10			CLAY; Silty, dark grey Groundwater at approximately 9.6 feet bgs.				0.0
15			SILT; Clayey, dark grey, cohesive, low plasticity, trace organics, wet.				
			CLAY; Lean, trace silt, light grey to tan, wet.				1.0
			NO RECOVERY; Soft zone, presumably sand.				1.8
20							
			SAPROLITE; Sand and silt, light grey to tan, saturated.				2.9 0.0
25							
							N/A
30							
35			PARTIALLY WEATHERED ROCK; Light to grey material, highly felsic. Trace gravel (consistent with medium grey granite/granodiorite). Fracture at 43' bgs - Strong odor; NAPL.				

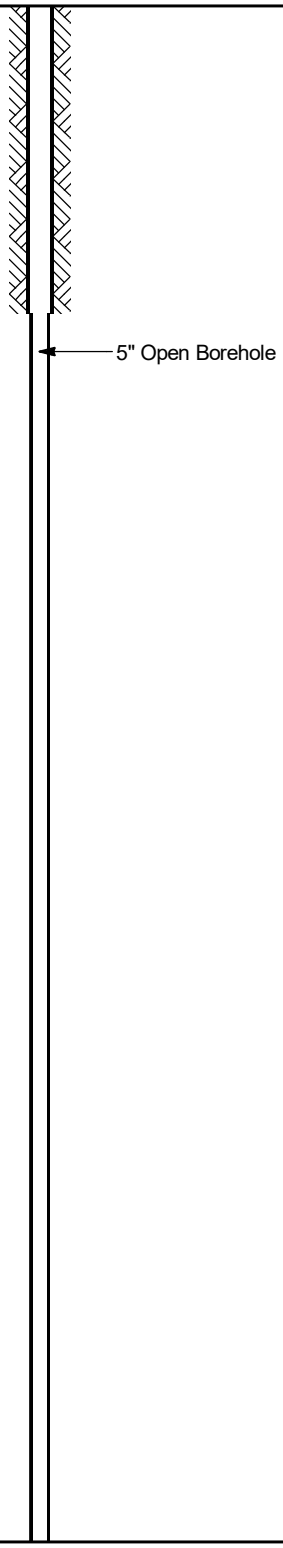


SynTerra
148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-49BR-ABM**
PROJECT NO:	00.2731.00	STARTED: 2/9/21	COMPLETED: 2/12/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	HSA/Air Rotary	G.S. ELEV: Not Available ft	M.P. ELEV: Not Available ft
BOREHOLE DIAMETER:	12, 10, 5 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 200.0 ft BGS
NOTES:		LOGGED BY: T. King	CHECKED BY: T. Plating

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)
45			PARTIALLY WEATHERED ROCK; Light to grey material, highly felsic. Trace gravel (consistent with medium grey granite/granodiorite). Fracture at 43' bgs - Strong odor; NAPL. *(continued)*				
			Same as above; Color change light grey to tan (potentiall due to NAPL).				
50							
55							
60			Same as above; Color change tan to dark grey. Fracture at 51-55 feet bgs				
65							
70							
75			SCHIST; Based on boring logs of nearby wells (MW-45BR/46BR/47BR), sillimanite mica schist. Garnets present near bottom of run with schist material.				



SynTerra
148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-49BR-ABM**
PROJECT NO:	00.2731.00	STARTED: 2/9/21	COMPLETED: 2/12/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	HSA/Air Rotary	G.S. ELEV: Not Available ft	M.P. ELEV: Not Available ft
BOREHOLE DIAMETER:	12, 10, 5 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 200.0 ft BGS
NOTES:		LOGGED BY: T. King	CHECKED BY: T. Plating

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)
85			SCHIST; Based on boring logs of nearby wells (MW-45BR/46BR/47BR), sillimanite mica schist. Garnets present near bottom of run with schist material. *(continued)*				
90			GRANITE/GRANODIORITE; Quartz grains; light to medium grey, soft felsic material, trace garnets in cuttings.				
100							
105							
110			Same as above, Primarily quartz, trace garnet, light to medium grey. Fracture at 110 feet with NAPL Fracture at 119-120 feet with NAPL				
115							

5" Open Borehole

Bentonite Backfill

SynTerra
148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-49BR-ABM**
PROJECT NO:	00.2731.00	STARTED: 2/9/21	COMPLETED: 2/12/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	HSA/Air Rotary	G.S. ELEV: Not Available ft	M.P. ELEV: Not Available ft
BOREHOLE DIAMETER:	12, 10, 5 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 200.0 ft BGS
NOTES:		LOGGED BY: T. King	CHECKED BY: T. Plating

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)	
125								
130								
135								
140			Same as above, Primarily quartz, trace garnet, light to medium grey. Fracture at 110 feet with NAPL Fracture at 119-120 feet with NAPL *(continued)*					← Bentonite Backfill
145								
150								
155								

SynTerra
148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-49BR-ABM**
PROJECT NO:	00.2731.00	STARTED: 2/9/21	COMPLETED: 2/12/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	HSA/Air Rotary	G.S. ELEV: Not Available ft	M.P. ELEV: Not Available ft
BOREHOLE DIAMETER:	12, 10, 5 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 200.0 ft BGS
NOTES:		LOGGED BY: T. King	CHECKED BY: T. Plating

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)	
165								
170								
175								
180			Same as above, Primarily quartz, trace garnet, light to medium grey. Fracture at 110 feet with NAPL Fracture at 119-120 feet with NAPL *(continued)*					← Bentonite Backfill
185								
190								
195			Bottom of boring at 200 feet bgs					

SynTerra
148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: CSXT BRAMLETT
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 31.03" Longitude: 82° 25' 04.64"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-49BR

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BRICK/CONCRETE	7.0	7.0
BROWN SANDY SILTY CLAY	9.0	16.0
COARSE SAND	2.0	18.0
PWR	8.0	26.0
ROCK	174.0	200.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
OPEN HOLE
BENTONITE PELLETS BACKFILLED ~ 116' - 200'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 114.0 ft. Date Started: 02/09/21 Date Completed: 02/12/21

10. CASING: ☑ Threaded ☐ Welded
Diam.: 6.0/10.0 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
6.0 in. to 48.0 ft. depth
10.0 in. to 28.0 ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 80 PVC Diam.: _____
Slot/Gauge: .010 Length: _____
Set Between: _____ ft. and _____ ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 10.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
24.0 ft. after 72 hrs. Pumping 12.0 G.P.M.
Pumping Test: ☑ Yes (please enclose) ☐ No
Yield: 52,000 GALLONS (PUMPING TEST REPORT WILL BE PROVIDED IN FULL ONCE FINAL)

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0/0.0 ft. to 28.0/48.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: NICHOLAS HAYES **CERT. NO.:** 01983
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 03/08/21
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: CSXT BRAMLETT
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 31.03" Longitude: 82° 25' 04.64"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-50S

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
SILTY SANDY CLAY	15.0	15.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
BENTONITE SEAL ~ 3.0 - 4.0 FEET

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 15.0 ft. Date Started: 03/24/21 Date Completed: 03/24/21

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 5.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2.0
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 5.0 ft. and 15.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 4.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 4.0 ft. to 15.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 3.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL CERT. NO.: 02301
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 04/05/21

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: CSXT BRAMLETT
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 31.03" Longitude: 82° 25' 04.64"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** MW-50TZ

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ORANGE SANDY CLAY	4.0	4.0
GRAY SANDY CLAY	25.0	29.0
GRAY ROCK	5.0	34.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
BENTONITE SEAL ~ 24.0 - 27.0 FEET

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☑ Other AUGER

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 34.0 ft. Date Started: 03/29/21 Date Completed: 03/30/21

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2 INCH
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 29.0 ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: SCH 40 PVC Diam.: 2.0
Slot/Gauge: .010 Length: 10.0 FEET
Set Between: 29.0 ft. and 34.0 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 6.0 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 27.0 ft. to 34.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.0 ft. to 24.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY BURR **CERT. NO.:** 01740
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Johnny Burr (Well Driller) Date: 04/05/21

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**