Geosyntec consultants
engineers | scientists | innovators

201 East McBee Avenue, Suite 201
Greenville, South Carolina 29601
PH 864.438.4900
engineering license C-3500
geology license C-295
www.geosyntec.com

May 17, 2023

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: Semiannual Monitoring Report – Semiannual Monitoring Event #7
Former Bramlette Manufactured Gas Plant
400 East Bramlett Road
Greenville, South Carolina VCC 16-5857-RP

Dear Mr. Cassidy:

On behalf of Duke Energy, please find enclosed two hard copies and one electronic copy on compact disk of the referenced report. The report is being submitted to support remedial efforts associated with the referenced voluntary clean-up contract.

If you have any questions, please contact Rick Powell with Duke Energy at (980) 373-2663 or at Richard.powell2@duke-energy.com.

Sincerely,

Michael Martin

Michael L. Martin, P.E. (SC - 36383)
Senior Engineer

Copies to: Kevin Boland, CSXT
Daniel Schmitt, Esq., CSXT
Ty Houck, Greenville County
William W. Brown, Legacy School Properties, LLC

Geosyntec consultants

engineers | scientists | innovators

DUKE ENERGY CAROLINAS

SEMIANNUAL MONITORING REPORT

Semiannual Monitoring Event #7
March 2023

FORMER BRAMLETTE MGP SITE
400 East Bramlett Road, Greenville, South Carolina
VCC 16-5857-RP

Prepared for

Duke Energy Carolinas, LLC
526 South Church St.
Charlotte, North Carolina 28202

Prepared by

Geosyntec Consultants, Inc.
201 East McBee Ave., Suite 201
Greenville, South Carolina 29601

Project FR7559C

May 2023

Michael Martin, P.E. (SC, NC, GA)
Senior Engineer
South Carolina P.E. No. 36383

Geosyntec COA Seal

Andrew Brey, P.G., Project Manager

Geosyntec consultants

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

ACRONYMS AND ABBREVIATIONS

µg/L	microgram per liter
COC	constituent of concern
CSXT	CSX Transportation
DO	dissolved oxygen
DTW	depth-to-water
FS	feasibility study
LECE	Legacy Early College Elementary
MCL	maximum contaminant level
MDL	method detection limit
MGP	manufactured gas plant
MNA	monitored natural attenuation
NAPL	non-aqueous phase liquid
NTU	nephelometric turbidity units
ORP	oxidation-reduction potential
PAHs	polycyclic aromatic hydrocarbons
QAPP	Quality Assurance Project Plan
QC	Quality Control
RI	remedial investigation
RIR	remedial investigation report
RIR-A	remedial investigation report addendum
ROD	Record of Decision
SCDHEC	South Carolina Department of Health and Environmental Control
SIM	Selective Ion Monitoring
TOC	total organic carbon
USEPA	United State Environmental Protection Agency
VOC	volatile organic compound
VCC	Voluntary Cleanup Contract

1. INTRODUCTION

This Semiannual Monitoring Report was prepared for the former Bramlette Manufactured Gas Plant (MGP or Site) on behalf of Duke Energy Carolinas, LLC (Duke Energy). The Site collectively refers to the location of the former MGP (400 East Bramlett Road in Greenville, South Carolina) in addition to four other contiguous parcels and the western portion of the parcel owned by Legacy School Properties, LLC (**Figure 1-1**). The Site is comprised of five parcels (Parcels 1 through 5) and a portion of the Legacy Early College Elementary (LECE) School property that collectively total approximately 35 acres in area. The Site boundary includes the western edge of the LECE School parking lot based on the results of the remedial investigation activities (SynTerra, 2021). The Site is bounded by the CSX Transportation (CSXT) railroad corridor to the north, west, and south, and by West Washington Street and the Greater Greenville Sanitation Department to the east. In addition to the railroad corridor, the Reedy River and Swamp Rabbit Trail also define the western boundary.

1.1 Objectives

This monitoring report has been prepared on behalf of Duke Energy by Geosyntec Consultants (Geosyntec) to document the Site's environmental and physical conditions of surface water and groundwater. Duke Energy recommended semiannual Site-wide groundwater and surface water monitoring in the Remedial Investigation Report Addendum (RIR-A) (SynTerra, 2021), which was approved by the South Carolina Department of Environmental Control (SCDHEC) on January 27, 2022. Site-wide semiannual monitoring is planned until a Record of Decision (ROD) has been issued or evaluation of analytical results and/or Site physical conditions indicate a change in monitoring strategy would be appropriate. At a minimum, routine semiannual sampling activities will continue through calendar year 2023.

While routine monitoring is not a required component of the Voluntary Cleanup Contract (VCC) 16-5857-RP, Duke Energy has performed these activities to develop and evaluate concentration trends and to help inform the feasibility study (FS). These data will also be used to help establish a long-term monitoring plan to be included in the ROD.

The preceding semiannual groundwater and surface water sampling was conducted in September/October 2022 by Geosyntec and a report was prepared and submitted to SCDHEC dated January 3, 2023 (Geosyntec, 2023). That report recommended continued semiannual groundwater and surface water monitoring. The report was approved by SCDHEC in a letter dated January 11, 2023.

1.2 Report Content and Organization

This report presents monitoring activities and results pertaining to the seventh semiannual Site-wide groundwater and surface water monitoring event that occurred from March 20 to 30, 2023. A comprehensive evaluation of groundwater and surface water analytical results is planned to be included with the end of year semiannual monitoring report and will include analysis of water level

elevations, constituent trends, and the extent of impacted groundwater. A schedule of planned monitoring events and report submittals is presented in **Section 4**.

2. MONITORING ACTIVITIES

Geosyntec completed groundwater and surface water monitoring activities between March 20 and 30, 2023. Field activities consisted of recording depth-to-water (DTW) measurements and collecting groundwater samples from Site-specific monitoring wells screened using low-flow purging protocols. Surface water samples were collected from established locations (**Figure 2-1**) where surface water was flowing and present. Field activities were conducted in accordance with the United States Environmental Protection Agency (USEPA) Region 4 Science and Ecosystem Support Division *Field Branches Quality System and Technical Procedures*, Groundwater Sampling document, SESDPROC-301-R4.

Groundwater and surface water monitoring activities were performed in accordance with procedures presented in the *Remedial Investigation Work Plan Addendum* approved by SCDHEC (SynTerra, 2019), and the *Quality Assurance Project Plan (QAPP)* for the Site (SynTerra, 2018). All media samples (groundwater and surface water) were collected into laboratory-supplied containers, labeled, preserved on ice, and kept under chain-of-custody protocol until delivery to the laboratory.

2.1 Water Level Measurement and NAPL Thickness Measurement

The current Site groundwater monitoring network consists of 70 monitoring wells screened within three flow zones (hydro-stratigraphic units). Monitoring well construction details are provided in **Table 2-1**. DTW measurements were recorded on March 20, 2023 using an electronic water level indicator to the nearest hundredth of a foot (0.01 feet). Monitoring wells were allowed to equilibrate to atmospheric conditions by removing the well caps and "venting" for a minimum of one-half hour prior to measuring the DTW. Additionally, each well was gauged for the presence or absence of non-aqueous phase liquid (NAPL) via oil-water interface probe. A thickness of 5.25 feet of NAPL was measured at the bottom of open-borehole monitoring well MW-49BR. Other wells did not contain any measurable thicknesses of NAPL. Measured water levels and observed NAPL thickness are listed in **Table 2-1**.

Data logging pressure transducers are currently deployed in twelve groundwater monitoring wells across the Site. Plots of groundwater elevation changes through March 2023 are included as **Figure 2-2** through **Figure 2-5**.

2.2 Groundwater Sample Collection Methodology

Geosyntec collected groundwater samples from 69 of the 70 monitoring wells. The existing Site monitoring well network includes the following:

- Shallow zone – 28 monitoring wells
- Transition zone – 18 monitoring wells
- Fractured bedrock – 24 monitoring wells (well MW-49BR was not sampled due to the presence of NAPL within the well)

All groundwater samples collected from monitoring wells during the groundwater sampling event were analyzed for the following parameters:

- Volatile Organic Compounds (VOCs) by USEPA Method 8260; and
- Polycyclic Aromatic Hydrocarbons (PAHs) by USEPA Method 8270D – Selective Ion Monitoring (SIM).

In addition to the analyses listed above, samples for specific geochemical parameters for the purpose of monitored natural attenuation (MNA) evaluation were collected from 16 monitoring wells. These wells include:

- Three (3) wells within the shallow flow zone (MW-13R, MW-29S, and MW-21).
- Three (3) wells within the transition/upper bedrock flow zone (MW-15, MW-29TZ, and MW-31TZ).
- Ten (10) wells within the fractured bedrock zone (MW-28, MW-29BR, MW-38BR, MW-39BR MW-39BRL, MW-43BR, MW-44BR, MW-45BR, MW-46BR, and MW-47BR).

The geochemical parameters are intended to provide additional data for the evaluation of MNA and biodegradation pathways that may be present within the Site aquifers. The specific geochemical parameters for MNA analyses included:

- Nitrate by USEPA Method 353.2;
- Sulfate by USEPA Method 300.0;
- Ammonia by USEPA Method 350.1;
- Sulfide by USEPA Method 4500;
- Alkalinity by USEPA Method 2320B;
- Total and dissolved iron and manganese by USEPA Method 6010D;
- Dissolved Gases (ethane, ethene, methane) by RSK 175;
- Total Organic Carbon (TOC) by USEPA Method 9060A; and
- Carbon Dioxide (CO_2) by USEPA Method 4500.

Groundwater samples were delivered to Pace Analytical Laboratory (Greenville, South Carolina). Field forms from the groundwater monitoring event are provided in **Appendix A**. Laboratory analytical reports and chain-of-custody forms are included in **Appendix B**.

2.3 Surface Water Sample Collection Methodology

Surface water samples were collected from 14 of the 17 locations (SW-1, SW-2, SW-3, SW-4, SW-6, SW-7, SW-8, SW-9, SW-10, SW-11, SW-12, SW-13, SW-15, and SW-16) identified in the RIR-A (locations depicted on **Figure 2-1**). Surface water was not present for sample collection at locations SW-5, SW-14, and SW-17. Consistent with the previous sampling efforts, the water samples were collected by dip sampling of containers directly into the water bodies. Readings of

water quality (temperature, pH, conductance, DO, ORP, and turbidity) were collected at each of the locations sampled. Observations regarding color, clarity, and presence of sheens (biological or other) were recorded in the field sampling logs. All surface water samples collected during the sampling event were analyzed for the following parameters:

- VOCs by USEPA Method 8260; and
- PAHs by USEPA Method 8270D – SIM.

Surface water samples were delivered to Pace Analytical Laboratory (Greenville, South Carolina). Field forms from the surface water monitoring event are provided in **Attachment A**. Laboratory analytical reports and chain-of-custody forms are included in **Appendix B**.

3. SAMPLING RESULTS

Groundwater and surface water samples were analyzed by Pace Analytical Services, LLC at their Charlotte and Asheville, North Carolina locations (SCDHEC Laboratory Certifications # 99006001 and 99030001, respectively). Data review, verification, and validation were performed to identify any deviations from the analytical methods and to review quality control (QC) results which may affect the analytical results. No deficiencies, errors, or rejected results in the final laboratory reports were identified following a review by Geosyntec practitioners.

3.1 Groundwater COC Evaluation

Groundwater analytical results are described below, and a summary of results and detections for select VOCs and PAHs is presented in **Table 3-1**.

3.1.1 Shallow Zone Groundwater

A total of 28 groundwater samples were collected during the March 2023 monitoring event. Within the shallow flow zone, benzene was present at concentrations above the SCDHEC MCL (5 micrograms per liter [µg/L]) in four of 28 groundwater samples. The groundwater exceedances for benzene are present on Parcel 1 (MW-36S and MW-7R), on Parcel-3 (MW-3), and on the LECE School property immediately adjacent to the northeast corner of Parcel 3 (MW-01). The benzene concentrations ranged between 6.7 µg/L (MW-7R) and 26.5 µg/L (MW-1). Naphthalene was greater than the SCDHEC MCL (25 µg/L) in groundwater samples collected from monitoring wells MW-1, MW-3, and MW-36S, at concentrations of 2,130 µg/L, 27.8 µg/L, and 82.8 µg/L, respectively. The presence of impacted groundwater within the monitored shallow flow zone is limited to these four locations based on current data.

3.1.2 Transition Zone Groundwater

A total of 18 groundwater samples were collected during the March 2023 monitoring event. Within the transition flow zone, benzene and naphthalene were present at concentrations above the SCDHEC MCL in three of 18 groundwater samples. The groundwater exceedances are present on the southernmost portion of Parcel 2 (MW-29TZ) and within the northern portion of Parcel 3 (MW-2TZ and MW-20). Detected benzene concentrations were greater than the SCDHEC MCL ranged from 202 µg/L (MW-20) to 1,330 µg/L (MW-29TZ). Within the same three transition zone wells, naphthalene was present at concentrations greater than the SCDHEC MCL ranging from 2,390 µg/L (MW-2TZ) to 4,420 µg/L (MW-20). The groundwater impacts present in this portion of the transition flow zone are most likely attributable to the former stormwater conveyance ditch system that was used during the operation of the MGP.

Groundwater sampled from monitoring wells to the west of the Site (e.g., MW-30TZ, MW-31TZ, MW-32TZ, MW-44TZ and MW-48TZ) did not contain any detection of benzene or naphthalene greater than their respective method detection limit (MDL), which were less than SCDHEC MCLs. These wells effectively delineate the extent of Site-related groundwater impacts hydraulically downgradient of the Site.

3.1.3 Bedrock Zone Groundwater

A total of 23 groundwater samples were collected during the March 2023 monitoring event. Monitoring well MW-49BR was not sampled due to the presence of NAPL at the base of the well bore (a thickness of 5.25 feet was measured on March 20, 2023; similar magnitude thickness as previous monitoring events since its installation).

Consistent with previous groundwater sampling events, the MGP-related groundwater impacts (benzene and naphthalene) within the bedrock zone are located on Parcel 2 and Parcel 3. Benzene and naphthalene were present at concentrations greater than the SCDHEC MCLs at seven monitoring wells, with the majority of the plume area residing on Parcel 3. Detected benzene concentrations ranged from 27.7 µg/L (MW-21BRL) to 770 µg/L (MW-2BR). Within the same seven bedrock zone wells, naphthalene was present at concentrations greater than the SCDHEC MCL, ranging from 347 µg/L (MW-45BR) to 4,450 µg/L (MW-3BRL). Additionally, styrene was detected above the SCDHEC MCL (100 µg/L) in MW-21BRL at a concentration of 195 µg/L.

Bedrock zone wells located on Parcel 1 (MW-26, MW-28, MW36BR, MW-37BR, and MW-42BR) and on the LECE School property (MW-41BR) did not contain any detections of benzene or naphthalene during the March 2023 monitoring event. Groundwater from wells MW-44BR and MW-40BR, which are located hydraulically downgradient of Parcel 2 and Parcel 3 within the bedrock zone, did not contain any detections of benzene or naphthalene; the MDLs reported by the laboratory were less than their respective SCDHEC MCLs.

3.2 Surface Water COC Evaluation

Surface water samples were collected from fourteen (14) locations during the March 2023 monitoring event. During the monitoring event, three of the locations were dry (SW-5, SW-15, and SW-17) and did not contain surface water for collection of samples. These dry locations were generally located on Parcel 3, Parcel 4, and Parcel 5. The surface water analytical results are presented on **Table 3-2**. The March 2023 surface water sampling results indicate that no MGP-related constituents were detected at concentrations above laboratory MDLs.

4. SCHEDULE

Duke Energy will continue semiannual groundwater and surface water monitoring, as was previously proposed in the RIR-A (SynTerra, 2021), through completion of the FS and ROD process. Monitoring is planned to occur in the first quarter (March) and third quarter (September) of each year until a ROD is issued, or evaluation of analytical results indicates that a revised monitoring strategy would be appropriate. During 2023, Duke Energy is anticipating completion of the FS Report. At this time, groundwater monitoring and surface water monitoring are being conducted outside of the VCC and, as such, the current monitoring strategy is deemed appropriate. The schedule below presents planned monitoring events and reporting deliverables through 2023.

Monitoring Event	Monitoring Period		Report	Report Submittal Date
8	Year 4	September 2023	Comprehensive Semiannual Monitoring Report	December 1, 2023

5. REFERENCES

SynTerra Corporation. 2018. “Quality Assurance Project Plan (QAPP)”. September 2018.

SynTerra Corporation. 2019. “Remedial Investigation Work Plan Addendum”. July 2019.

SynTerra Corporation. 2020. “Remedial Investigation Report”. June 2020.

SynTerra Corporation. 2021. “Remedial Investigation Report Addendum”. July 2021.

SynTerra Corporation. 2022. “Semiannual Monitoring Report, Semiannual Monitoring Event #5, March 2022”. June 2022.

Geosyntec Consultants. 2023. “Semiannual Monitoring Report, Semiannual Monitoring Event #6, September-October 2022”. January 2023.

TABLES

TABLE 2-1
WELL CONSTRUCTION DETAILS AND SPRING 2023 WATER LEVEL AND NAPL MEASUREMENTS
Former Bramlette MGP Site
Greenville, South Carolina

Well ID	Zone	Well Status	TOC Elevation (ft-NAVD 88)	Screen Interval (ft bls)		Screen Elevation (ft-NAVD 88)		Date	Depth to Water (ft BTOC)	Water Elevation (ft-NAVD 88)	NAPL Thickness (ft)
MW-1	Shallow	Active	934.31	5	15	926.47	916.47	3/20/2023	6.21	926.41	---
MW-2BR	Bedrock	Active	934.42	55	60	876.37	871.37	3/20/2023	10.45	922.97	---
MW-2TZ	Transition Zone	Active	934.90	27	32	904.61	899.61	3/20/2023	10.30	923.45	---
MW-3	Shallow	Active	935.53	9	14	923.90	918.90	3/20/2023	9.36	924.96	---
MW-3BR	Bedrock	Active	935.87	59.5	64.5	873.49	868.49	3/20/2023	10.60	924.34	---
MW-3BRL	Bedrock	Active	936.49	99	104	834.44	829.44	3/20/2023	11.44	924.21	---
MW-5	Shallow	Active	929.73	4	14	925.58	915.58	3/20/2023	9.31	918.76	---
MW-7R	Shallow	Active	936.01	5	15	927.93	917.93	3/20/2023	4.05	930.56	---
MW-9R	Shallow	Active	936.47	21	26	912.62	907.62	3/20/2023	4.48	930.65	---
MW-13R	Shallow	Active	940.94	10	20	927.93	917.93	3/20/2023	4.82	933.69	---
MW-15	Transition Zone	Active	939.09	50	55	886.39	881.39	3/20/2023	8.55	928.89	---
MW-16	Shallow	Active	938.61	5	15	931.73	921.73	3/20/2023	8.94	927.38	---
MW-18	Shallow	Active	933.34	9.5	24.5	921.58	906.58	3/20/2023	12.95	919.47	---
MW-20	Transition Zone	Active	935.71	20	25	913.23	908.23	3/20/2023	9.97	924.73	---
MW-21	Shallow	Active	934.53	5	18	925.68	912.68	3/20/2023	10.45	922.91	---
MW-21BR	Bedrock	Active	930.89	37	42	891.00	886.00	3/20/2023	9.10	920.91	---
MW-21BRL	Bedrock	Active	931.51	60	65	868.48	863.48	3/20/2023	9.51	921.08	---
MW-22	Shallow	Active	930.30	25	35	905.47	895.47	3/20/2023	9.41	919.69	---
MW-25R	Shallow	Active	930.75	1.6	16.6	929.19	914.19	3/20/2023	2.32	927.23	---
MW-26	Bedrock	Active	940.91	45	55	892.90	882.90	3/20/2023	4.92	933.38	---
MW-27	Shallow	Active	940.93	25	35	912.83	902.83	3/20/2023	4.65	933.83	---
MW-28	Bedrock	Active	936.69	35	45	898.88	888.88	3/20/2023	5.75	930.59	---
MW-29BR	Bedrock	Active	933.32	81	86	849.36	844.36	3/20/2023	7.79	924.58	---
MW-29S	Shallow	Active	932.86	5	15	925.25	915.25	3/20/2023	7.01	924.41	---
MW-29TZ	Transition Zone	Active	932.92	26	31	904.18	899.18	3/20/2023	7.62	924.44	---
MW-30S	Shallow	Active	932.80	5	20	927.60	912.60	3/20/2023	12.80	919.41	---
MW-30TZ	Transition Zone	Active	932.54	35	40	897.57	892.57	3/20/2023	13.38	918.75	---
MW-31S	Shallow	Active	932.11	5	20	927.51	912.51	3/20/2023	13.70	917.71	---
MW-31TZ	Transition Zone	Active	932.07	28	38	904.37	894.37	3/20/2023	13.84	917.47	---
MW-32S	Shallow	Active	931.73	20	35	911.98	896.98	3/20/2023	12.93	918.08	---
MW-32TZ	Transition Zone	Active	931.92	56	66	875.74	865.74	3/20/2023	13.10	917.92	---
MW-33S	Shallow	Active	932.06	5	20	927.12	912.12	3/20/2023	11.68	919.91	---
MW-33TZ	Transition Zone	Active	931.24	35	40	896.81	891.81	3/20/2023	10.97	919.56	---
MW-34BR	Bedrock	Active	937.92	103	108	832.11	827.11	3/20/2023	11.95	924.87	---
MW-34S	Shallow	Active	937.53	10	25	924.82	909.82	3/20/2023	8.89	925.83	---
MW-34TZ	Transition Zone	Active	937.91	40	50	895.14	885.14	3/20/2023	10.54	925.65	---
MW-35BR	Bedrock	Active	931.40	140	150	788.05	778.05	3/20/2023	3.02	927.14	---
MW-35S	Shallow	Active	933.26	5	15	925.06	915.06	3/20/2023	4.52	926.79	---

TABLE 2-1
WELL CONSTRUCTION DETAILS AND SPRING 2023 WATER LEVEL AND NAPL MEASUREMENTS
Former Bramlette MGP Site
Greenville, South Carolina

Well ID	Zone	Well Status	TOC Elevation (ft-NAVD 88)	Screen Interval (ft bls)		Screen Elevation (ft-NAVD 88)		Date	Depth to Water (ft BTOC)	Water Elevation (ft-NAVD 88)	NAPL Thickness (ft)
MW-35TZ	Transition Zone	Active	933.51	30	35	900.12	895.12	3/20/2023	4.75	927.11	---
MW-36BR	Bedrock	Active	940.04	63	68	873.72	868.72	3/20/2023	8.04	930.89	---
MW-36S	Shallow	Active	940.49	5	20	932.18	917.18	3/20/2023	8.24	931.02	---
MW-36TZ	Transition Zone	Active	940.07	40	45	896.89	891.89	3/20/2023	8.05	930.76	---
MW-37BR	Bedrock	Active	943.12	111	116	829.09	824.09	3/20/2023	9.85	932.08	---
MW-37S	Shallow	Active	943.05	5	20	935.16	920.16	3/20/2023	8.33	933.30	---
MW-37TZ	Transition Zone	Active	943.27	65	70	875.15	870.15	3/20/2023	9.07	933.07	---
MW-38BR	Bedrock	Active	929.72	42	47	884.50	879.50	3/20/2023	4.29	923.19	---
MW-38S	Shallow	Active	929.90	5	20	921.48	906.48	3/20/2023	4.33	923.25	---
MW-39BR	Bedrock	Active	937.92	45	50	890.25	885.25	3/20/2023	11.21	925.92	---
MW-39BRL	Bedrock	Active	937.91	75	80	860.17	855.17	3/20/2023	12.36	924.44	---
MW-39S	Shallow	Active	938.60	9	24	926.55	911.55	3/20/2023	11.86	926.26	---
MW-40BR	Bedrock	Active	929.85	65	75	865.17	855.17	3/20/2023	10.21	917.90	---
MW-41BR	Bedrock	Active	929.80	80	90	849.92	839.92	3/20/2023	1.42	927.20	---
MW-41S	Shallow	Active	929.93	5	20	925.13	910.13	3/20/2023	1.59	927.48	---
MW-41TZ	Transition Zone	Active	929.52	45	55	884.94	874.94	3/20/2023	1.22	927.11	---
MW-42BR	Bedrock	Active	939.52	72	77	864.84	859.84	3/20/2023	7.56	930.87	---
MW-42S	Shallow	Active	940.42	5	20	932.47	917.47	3/20/2023	8.58	931.01	---
MW-42TZ	Transition Zone	Active	940.18	50	55	887.04	882.04	3/20/2023	8.33	930.93	---
MW-43BR	Bedrock	Active	941.30	110	115	828.06	823.06	3/20/2023	7.83	931.42	---
MW-43S	Shallow	Active	941.26	5	20	933.17	918.17	3/20/2023	7.00	931.81	---
MW-43TZ	Transition Zone	Active	941.45	61	71	877.09	867.09	3/20/2023	7.30	931.75	---
MW-44BR	Bedrock	Active	937.38	50	60	887.74	877.74	3/20/2023	15.50	920.26	---
MW-44TZ	Transition Zone	Active	937.59	20	25	918.06	913.06	3/20/2023	15.80	919.92	---
MW-45BR	Bedrock	Active	936.14	80	90	852.83	842.83	3/20/2023	11.20	924.23	---
MW-46BR	Bedrock	Active	934.01	170	180	761.14	751.14	3/20/2023	5.26	927.99	---
MW-47BR	Bedrock	Active	935.96	110	120	822.73	812.73	3/20/2023	12.55	922.71	---
MW-48S	Shallow	Active	932.56	15	30	917.80	902.80	3/20/2023	12.03	919.89	---
MW-48TZ	Transition Zone	Active	932.66	45	55	887.72	877.72	3/20/2023	11.50	920.41	---
MW-49BR	Bedrock	Active	934.71	OB	OB	---	---	---	--	922.33	5.25
MW-50S	Shallow	Active	NA	5	15	921.99	911.99	3/20/2023	4.25	---	---
MW-50TZ	Transition Zone	Active	NA	29	34	896.81	891.81	3/20/2023	2.50	---	---

Notes:

1. --- indicates data is not available or not applicable"
2. NA indicates elevations not yet acquired
3. ft bls indicates feet below land surface
4. TOC indicates top of well casing
5. NAVD88 indicates North American Vertical Datum of 1988
6. BTOC indicates below top of casing
7. OB indicates open borehole (MW-49BR is open borehole to ~114.8 ft bls)
8. NAPL indicates non-aqueous phase liquid

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-1	MW-2BR	MW-2TZ	MW-3	MW-3BR	MW-3BRL	MW-5	MW-7R	MW-9R		MW-13R	MW-15	MW-16
	Well Screen Interval (ft bls):		5 - 15	55 - 60	27 - 32	9 - 14	60 - 64	99 - 104	4 - 14	5 - 15	21 - 26	21 - 26	10 - 20	50 - 55	5 - 15
	Sample Collection Date:		03/27/2023	03/21/2023	03/21/2023	03/23/2023	03/23/2023	03/24/2023	03/28/2023	03/22/2023	03/22/2023	03/22/2023	03/22/2023	03/21/2023	03/22/2023
	SCDHEC MCL (R.61-68)	Units										(DUP)			
Volatile Organic Compounds (USEPA Method 8260)															
Benzene	5	µg/l	**26.5**	**770.0**	**495.0**	**17.2**	**298.0**	**575.0**	1.0 U	**6.7**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	1.0 U	0.72 J	0.6 J	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethene	70	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.52 J	1.0 U
Dichloromethane	5	µg/l	62.5 U	**44.9 J**	**103.0 J**	5.0 U	62.5 U	200.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	700	µg/l	34.9	47.3	133.0	6.0	62.2	174.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	26.7	55.1	27.2 J	3.1	80.2	135.0	2.0 U	0.76 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl T-Butyl Ether (MTBE)	40 *	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	0.6 J	0.51 J	0.51 J	1.0 U	1.0 U	1.0 U
Naphthalene	25 *	µg/l	**2130.0**	**1440.0**	**2390.0**	**27.8**	**2050.0**	**4450.0**	1.0 U	14.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene	NE	µg/l	21.5	46.4	25.0 U	2.4	43.4	75.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	28.4	49.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	7.5 J	18.1	25.0 U	0.54 J	131.0	171.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10000	µg/l	48.2	101.0	27.2	5.5	124.0	210.0	1.0 U	0.76 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	12.5 U	12.5 U	25.0 U	1.0 U	12.5 U	40.0 U	1.0 U	1.0 U	0.72 J	0.6 J	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)															
2,4-Dimethylphenol	NE	µg/l	1.7 J	43.1	8.3 U	10.0 U	53.3	21.6	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
2-Methylphenol	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	2.4 J	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	1.4 J	2.2 J	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Benzoic Acid	NE	µg/l	50.0 U	45.5 U	41.7 U	50.0 U	41.7 U	41.7 U	50.0 U	45.5 U	50.0 U	50.0 U	45.5 U	50.0 U	41.7 U
Phenol	NE	µg/l	10.0 U	10.4	3.0 J	10.0 U	3.2 J	1.9 J	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)															
1-Methylnaphthalene	NE	µg/l	695.0	119.0	219.0	21.6	87.6	170.0	10.0 U	2.6 J	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
2-Methylnaphthalene	NE	µg/l	646.0	124.0	313.0	3.5 J	154.0	53.0	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Acenaphthene	NE	µg/l	269.0	96.5	113.0	17.1	19.7	22.0	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Acenaphthylene	NE	µg/l	10.0 U	4.3 J	8.3 U	10.0 U	65.7	85.5	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Anthracene	NE	µg/l	12.2	9.1 U	8.3 U	10.0 U	2.4 J	2.2 J	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Benzo(a)anthracene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Benzo(a)pyrene	0.2	µg/l	0.1 U	0.099 U	0.097 U	0.1 U	0.1 U	0.053 J	0.098 U	0.097 U	0.096 U	0.096 U	0.097 U	0.098 U	0.095 U
Benzo(b)fluoranthene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Benzo(g,h,i)perylene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Benzo(k)fluoranthene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Chrysene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Dibenzo(a,h)anthracene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Dibenzofuran	NE	µg/l	29.1	2.7 J	6.1 J	10.0 U	4.4 J	6.1 J	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Fluoranthene	NE	µg/l	3.4 J	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Fluorene	NE	µg/l	78.2	11.0	21.3	6.5 J	15.7	21.0	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	10.0 U	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Phenanthrene	NE	µg/l	77.8	5.3 J	11.1	7.8 J	12.6	17.3	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U
Pyrene	NE	µg/l	4.8 J	9.1 U	8.3 U	10.0 U	8.3 U	8.3 U	10.0 U	9.1 U	10.0 U	10.0 U	9.1 U	10.0 U	8.3 U

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-1	MW-2BR	MW-2TZ	MW-3	MW-3BR	MW-3BRL	MW-5	MW-7R	MW-9R		MW-13R	MW-15	MW-16
	Well Screen Interval (ft bls):		5 - 15	55 - 60	27 - 32	9 - 14	60 - 64	99 - 104	4 - 14	5 - 15	21 - 26	21 - 26	10 - 20	50 - 55	5 - 15
	Sample Collection Date:		03/27/2023	03/21/2023	03/21/2023	03/23/2023	03/23/2023	03/24/2023	03/28/2023	03/22/2023	03/22/2023	03/22/2023	03/22/2023	03/21/2023	03/22/2023
	SCDHEC MCL (R.61-68)	Units										(DUP)			
Natural Attenuation and Others															
Sulfate	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	30.6	2.3 H	NS
Sulfide	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.1 U	0.1 U	NS
Total Organic Carbon	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.0	1.0 U	NS
Alkalinity as NaOH	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.0 U	15.5	NS
Methane	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.1 J	10.0 U	NS
Ammonia	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.1 U	0.1 U	NS
Nitrate + Nitrite as N	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.4	6.8	NS
Ethane	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	10.0 U	NS
Ethylene	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	10.0 U	NS
Carbon Dioxide	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	33.0	40.1	NS
Metals															
Iron, Dissolved	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	50.0 U	50.0 U	NS
Iron, Total	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	50.0 U	50.0 U	NS
Manganese, Dissolved	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	281.0	5.0 U	NS
Manganese, Total	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	280.0	5.0 U	NS
Field Parameters															
Dissolved Oxygen	NE	mg/l	0.5	1.18	4.15	1.32	0.64	0.49	0.24	1.25	1	1	0.67	4.09	0.4
Oxidation-Reduction Potential	NE	mV	693.8	-140.3	-91.8	-66	-145.1	-292.6	747.5	-29	85.1	85.1	173.1	128.2	-18.4
pH	NE	SU	7.35	9.26	7.5	6.4	9.35	8.05	7.55	6.17	5.37	5.37	4.7	5.49	6.39
Specific Conductivity	NE	µS/cm	0.332	591	473	722	347	1240	0.052	201	0.128	0.128	0.121	0.126	898
Temperature	NE	deg c	15.56	17.18	16.5	14.66	18.31	16.6	17.04	12.05	14.42	14.42	16.21	16.35	14.82
Turbidity	NE	NTU	1.57	6.3	6.76	7.49	1.6	0.71	4.66	23.9	0.02	0.02	0.02	0.02	9.6

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-18	MW-20	MW-21	MW-21BR	MW-21BRL	MW-22	MW-25R	MW-26	MW-27	MW-28	MW-29BR	MW-29S	MW-29TZ
	Well Screen Interval (ft bls):		10 - 24	20 - 25	5 - 18	37 - 42	60 - 65	25 - 35	2 - 17	45 - 55	25 - 35	35 - 45	81 - 86	5 - 15	26 - 31
	Sample Collection Date:		03/22/2023	03/23/2023	03/27/2023	03/24/2023	03/24/2023	03/28/2023	03/22/2023	03/22/2023	03/23/2023	03/22/2023	03/21/2023	03/21/2023	03/21/2023
	SCDHEC MCL (R.61-68)	Units													
Volatile Organic Compounds (USEPA Method 8260)															
Benzene	5	µg/l	0.36 J	**202.0**	1.0 U	1.0 U	**27.7**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**238.0**	1.0 U	**1330.0**
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	25.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	25.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	25.0 U
Chloroform	80 Total THMs	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	0.83 J	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	25.0 U
Cis-1,2-Dichloroethene	70	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	25.0 U
Dichloromethane	5	µg/l	5.0 U	125.0 U	5.0 U	5.0 U	62.5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**21.9 J**	5.0 U	**102.0 J**
Ethylbenzene	700	µg/l	1.0 U	184.0	1.0 U	1.0 U	56.4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20.0	1.0 U	273.0
m,p-Xylenes	NE	µg/l	2.0 U	157.0	2.0 U	2.0 U	188.0	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	44.9	2.0 U	90.0
Methyl T-Butyl Ether (MTBE)	40 *	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	0.87 J	0.5 J	5.0 U	1.0 U	25.0 U
Naphthalene	25 *	µg/l	1.0 U	**4420.0**	1.0 U	1.0 U	**1600.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**612.0**	1.0 U	**2620.0**
O-Xylene	NE	µg/l	1.0 U	59.0	1.0 U	1.0 U	88.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	20.8	1.0 U	64.5
Styrene	100	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	**195.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	49.6	1.0 U	25.0 U
Toluene	1000	µg/l	1.0 U	21.9 J	1.0 U	1.0 U	343.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	185.0	1.0 U	12.8 J
Total Xylenes	10000	µg/l	1.0 U	216.0	1.0 U	1.0 U	277.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	65.7	1.0 U	154.0
Total Trihalomethanes	80 Total THMs	µg/l	1.0 U	25.0 U	1.0 U	1.0 U	12.5 U	0.83 J	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	25.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)															
2,4-Dimethylphenol	NE	µg/l	8.7 U	5.6 J	10.0 U	10.0 U	2.1 J	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	11.3	8.3 U	141.0
2-Methylphenol	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	4.4 J
Benzoic Acid	NE	µg/l	43.5 U	50.0 U	50.0 U	50.0 U	41.7 U	50.0 U	41.7 U	50.0 U	41.7 U	50.0 U	41.7 U	41.7 U	41.7 U
Phenol	NE	µg/l	8.7 U	1.4 J	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.7
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)															
1-Methylnaphthalene	NE	µg/l	8.7 U	374.0	10.0 U	10.0 U	17.5	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	40.2	8.3 U	108.0
2-Methylnaphthalene	NE	µg/l	8.7 U	497.0	10.0 U	10.0 U	7.2 J	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	62.9	8.3 U	157.0
Acenaphthene	NE	µg/l	8.7 U	182.0	10.0 U	10.0 U	3.1 J	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	2.2 J	8.3 U	43.5
Acenaphthylene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	39.0	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	21.4	8.3 U	8.3 U
Anthracene	NE	µg/l	8.7 U	5.7 J	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Benzo(a)anthracene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Benzo(a)pyrene	0.2	µg/l	0.097 U	0.1 U	0.11	0.1 U	0.1 U	0.099 U	0.096 U	0.097 U	0.1 U	0.095 U	0.098 U	0.097 U	0.097 U
Benzo(b)fluoranthene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Benzo(g,h,i)perylene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Benzo(k)fluoranthene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Chrysene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Dibenzo(a,h)anthracene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Dibenzofuran	NE	µg/l	8.7 U	13.5	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	3.0 J
Fluoranthene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Fluorene	NE	µg/l	8.7 U	45.6	10.0 U	10.0 U	4.8 J	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	3.2 J	8.3 U	9.7
Indeno(1,2,3-cd)pyrene	NE	µg/l	8.7 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U
Phenanthrene	NE	µg/l	8.7 U	41.9	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	1.8 J	8.3 U	7.4 J
Pyrene	NE	µg/l	8.7 U	2.3 J	10.0 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	10.0 U	8.3 U	8.3 U	8.3 U

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-18	MW-20	MW-21	MW-21BR	MW-21BRL	MW-22	MW-25R	MW-26	MW-27	MW-28	MW-29BR	MW-29S	MW-29TZ
	Well Screen Interval (ft bls):		10 - 24	20 - 25	5 - 18	37 - 42	60 - 65	25 - 35	2 - 17	45 - 55	25 - 35	35 - 45	81 - 86	5 - 15	26 - 31
	Sample Collection Date:		03/22/2023	03/23/2023	03/27/2023	03/24/2023	03/24/2023	03/28/2023	03/22/2023	03/22/2023	03/23/2023	03/22/2023	03/21/2023	03/21/2023	03/21/2023
	SCDHEC MCL (R.61-68)	Units													
Natural Attenuation and Others															
Sulfate	NE	mg/l	NS	NS	16.1	NS	NS	NS	NS	NS	NS	23.0	1.0 U	88.9	1.0 U
Sulfide	NE	mg/l	NS	NS	0.025 J	NS	NS	NS	NS	NS	NS	0.1 U	0.1 U	0.1 U	0.1 U
Total Organic Carbon	NE	mg/l	NS	NS	2.6	NS	NS	NS	NS	NS	NS	1.0 U	1.4	5.8	6.1
Alkalinity as NaOH	NE	mg/l	NS	NS	201.0	NS	NS	NS	NS	NS	NS	38.4	169.0	472.0	159.0
Methane	NE	µg/l	NS	NS	29.6	NS	NS	NS	NS	NS	NS	10.8	3750.0	9.7 J	2760.0
Ammonia	NE	mg/l	NS	NS	0.037 J	NS	NS	NS	NS	NS	NS	0.1 U	0.1 U	0.083 J	0.16
Nitrate + Nitrite as N	NE	mg/l	NS	NS	0.04 U	NS	NS	NS	NS	NS	NS	0.2	0.04 U	0.017 J	0.2 U
Ethane	NE	µg/l	NS	NS	10.0 U	NS	NS	NS	NS	NS	NS	10.0 U	10.0 U	10.0 U	10.0 U
Ethylene	NE	µg/l	NS	NS	10.0 U	NS	NS	NS	NS	NS	NS	10.0 U	19.0	10.0 U	10.0 U
Carbon Dioxide	NE	mg/l	NS	NS	202.0	NS	NS	NS	NS	NS	NS	65.8	137.0	474.0	204.0
Metals															
Iron, Dissolved	NE	µg/l	NS	NS	1380.0	NS	NS	NS	NS	NS	NS	385.0	50.0 U	51.4	14800.0
Iron, Total	NE	µg/l	NS	NS	1530.0	NS	NS	NS	NS	NS	NS	188.0	50.0 U	89.4	14600.0
Manganese, Dissolved	NE	µg/l	NS	NS	44.8	NS	NS	NS	NS	NS	NS	150.0	5.0 U	443.0	134.0
Manganese, Total	NE	µg/l	NS	NS	46.0	NS	NS	NS	NS	NS	NS	139.0	5.0 U	422.0	125.0
Field Parameters															
Dissolved Oxygen	NE	mg/l	0.97	1.11	2	5.58	0.65	2.69	0.74	1.53	1.39	10.64	0.22	0.24	0.53
Oxidation-Reduction Potential	NE	mV	-56.2	-76.8	-4.7	107.7	-116.2	239.5	-32.3	-75.9	320.4	237.6	-162.4	59.8	-78.6
pH	NE	SU	6.19	6.2	5.8	6.85	8.59	5.42	5.97	11.78	5.25	6.48	9.33	6.78	6.61
Specific Conductivity	NE	µS/cm	303	232	424	404	253	187	199	1372	63	175	296	909	376
Temperature	NE	deg c	14.5	15.28	12.43	15.88	17.92	14.2	15.68	13.73	16.11	12.53	17.04	14.18	15.59
Turbidity	NE	NTU	3.84	0.42	4.08	2.93	1.11	2.1	62	9	1.47	5.5	1.72	4.13	2.6

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-30S	MW-30TZ	MW-31S		MW-31TZ		MW-32S	MW-32TZ	MW-33S	MW-33TZ	MW-34BR	MW-34S	MW-34TZ
	Well Screen Interval (ft bls):		5 - 20	35 - 40	5 - 20	5 - 20	28 - 38	28 - 38	20 - 35	56 - 66	5 - 20	35 - 40	103 - 108	10 - 25	40 - 50
	Sample Collection Date:		03/23/2023	03/23/2023	03/24/2023	03/24/2023	03/24/2023	03/30/2023	03/24/2023	03/24/2023	03/23/2023	03/23/2023	03/21/2023	03/21/2023	03/21/2023
	SCDHEC MCL (R.61-68)	Units				(DUP)									
Volatile Organic Compounds (USEPA Method 8260)															
Benzene	5	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.7	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethene	70	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.5
Dichloromethane	5	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	700	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl T-Butyl Ether (MTBE)	40 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	25 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	2.1	1.0 U	1.0 U
O-Xylene	NE	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	0.49 J	1.0 U	1.0 U
Total Xylenes	10000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)															
2,4-Dimethylphenol	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
2-Methylphenol	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Benzoic Acid	NE	µg/l	50.0 U	50.0 U	43.5 U	41.7 U	50.0 U		50.0 U	45.5 U	27.2 J	50.0 U	41.7 U	43.5 U	41.7 U
Phenol	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)															
1-Methylnaphthalene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
2-Methylnaphthalene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Acenaphthene	NE	µg/l	10.0 U	10.0 U	5.2 J	5.5 J	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Acenaphthylene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Anthracene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Benzo(a)anthracene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Benzo(a)pyrene	0.2	µg/l	0.099 U	0.1 U	0.1 U	0.097 U	0.1 U		0.098 U	0.1 U	0.099 U	0.097 U	0.098 U	0.097 U	0.098 U
Benzo(b)fluoranthene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Benzo(g,h,i)perylene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Benzo(k)fluoranthene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Chrysene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Dibenzo(a,h)anthracene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Dibenzofuran	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Fluoranthene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Fluorene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Phenanthrene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U
Pyrene	NE	µg/l	10.0 U	10.0 U	8.7 U	8.3 U	10.0 U		10.0 U	9.1 U	10.0 U	10.0 U	8.3 U	8.7 U	8.3 U

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-30S	MW-30TZ	MW-31S		MW-31TZ		MW-32S	MW-32TZ	MW-33S	MW-33TZ	MW-34BR	MW-34S	MW-34TZ
	Well Screen Interval (ft bls):		5 - 20	35 - 40	5 - 20	5 - 20	28 - 38	28 - 38	20 - 35	56 - 66	5 - 20	35 - 40	103 - 108	10 - 25	40 - 50
	Sample Collection Date:		03/23/2023	03/23/2023	03/24/2023	03/24/2023	03/24/2023	03/30/2023	03/24/2023	03/24/2023	03/23/2023	03/23/2023	03/21/2023	03/21/2023	03/21/2023
	SCDHEC MCL (R.61-68)	Units				(DUP)									
Natural Attenuation and Others															
Sulfate	NE	mg/l	NS	NS	NS	NS	NS	3.9	NS	NS	NS	NS	NS	NS	NS
Sulfide	NE	mg/l	NS	NS	NS	NS	NS	0.1 U	NS	NS	NS	NS	NS	NS	NS
Total Organic Carbon	NE	mg/l	NS	NS	NS	NS	NS	1.7	NS	NS	NS	NS	NS	NS	NS
Alkalinity as NaOH	NE	mg/l	NS	NS	NS	NS	NS	117.0	NS	NS	NS	NS	NS	NS	NS
Methane	NE	µg/l	NS	NS	NS	NS	NS	10.0 U	NS	NS	NS	NS	NS	NS	NS
Ammonia	NE	mg/l	NS	NS	NS	NS	NS	0.1 U	NS	NS	NS	NS	NS	NS	NS
Nitrate + Nitrite as N	NE	mg/l	NS	NS	NS	NS	NS	0.51	NS	NS	NS	NS	NS	NS	NS
Ethane	NE	µg/l	NS	NS	NS	NS	NS	10.0 U	NS	NS	NS	NS	NS	NS	NS
Ethylene	NE	µg/l	NS	NS	NS	NS	NS	10.0 U	NS	NS	NS	NS	NS	NS	NS
Carbon Dioxide	NE	mg/l	NS	NS	NS	NS	NS	142.0	NS	NS	NS	NS	NS	NS	NS
Metals															
Iron, Dissolved	NE	µg/l	NS	NS	NS	NS	NS	50.0 U	NS	NS	NS	NS	NS	NS	NS
Iron, Total	NE	µg/l	NS	NS	NS	NS	NS	683.0	NS	NS	NS	NS	NS	NS	NS
Manganese, Dissolved	NE	µg/l	NS	NS	NS	NS	NS	14.0	NS	NS	NS	NS	NS	NS	NS
Manganese, Total	NE	µg/l	NS	NS	NS	NS	NS	124.0	NS	NS	NS	NS	NS	NS	NS
Field Parameters															
Dissolved Oxygen	NE	mg/l	0.93	6.59	0.24	0.24	0.56	5.01	0.5	0.3	1.41	0.28	0.77	0.6	0.16
Oxidation-Reduction Potential	NE	mV	28.8	82.6	-65.2	-65.2	9	102.1	146.7	125.5	6.7	-40.6	-305	-74.5	-79.5
pH	NE	SU	5.98	6.62	6.17	6.17	6.14	5.68	5.36	5.96	6.46	7.09	9.52	6.67	6.12
Specific Conductivity	NE	µS/cm	0.04	0.211	257	257	0.313	0.243	0.04	247	618	0.263	690	1304	431
Temperature	NE	deg c	15.35	16.9	16.8	16.8	16.93	17.04	16.92	16.88	13.57	17.13	16.24	14.25	17.26
Turbidity	NE	NTU	5.48	1.34	3.68	3.68	0.18	6.75	0.02	2.8	0.4	3.65	1.8	3	0

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-35BR	MW-35S	MW-35TZ	MW-36BR	MW-36S	MW-36TZ		MW-37BR	MW-37S	MW-37TZ	MW-38BR	MW-38S	MW-39BR
	Well Screen Interval (ft bls):		140 - 150	5 - 15	30 - 35	63 - 68	5 - 20	40 - 45	40 - 45	111 - 116	5 - 20	65 - 70	42 - 47	5 - 20	45 - 50
	Sample Collection Date:		03/23/2023	03/23/2023	03/23/2023	03/21/2023	03/21/2023	03/21/2023	03/21/2023	03/22/2023	03/22/2023	03/22/2023	03/27/2023	03/27/2023	03/28/2023
	SCDHEC MCL (R.61-68)	Units							(DUP)						
Volatile Organic Compounds (USEPA Method 8260)															
Benzene	5	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	**6.8**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	0.98 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethene	70	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichloromethane	5	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	700	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	22.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	8.3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl T-Butyl Ether (MTBE)	40 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.46 J	1.5	1.0 U	1.0 U	1.0 U
Naphthalene	25 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	**82.8**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene	NE	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	11.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	0.53 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	4.9	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	20.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.4	0.98 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)															
2,4-Dimethylphenol	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
2-Methylphenol	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	2.6 J	8.7 U	10.0 U	10.0 U	10.0 U
Benzoic Acid	NE	µg/l	41.7 U	41.7 U	41.7 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	41.7 U	43.5 U	50.0 U	50.0 U	50.0 U
Phenol	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)															
1-Methylnaphthalene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	11.3	10.0 U	10.0 U	10.0 U	13.9	8.7 U	10.0 U	10.0 U	10.0 U
2-Methylnaphthalene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	28.3	8.7 U	10.0 U	10.0 U	10.0 U
Acenaphthene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	7.6 J	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Acenaphthylene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	2.5 J	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Anthracene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Benzo(a)anthracene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Benzo(a)pyrene	0.2	µg/l	0.1 U	0.1 U	0.1 U	0.1 U	0.096 U	0.095 U	0.096 U	0.096 U	0.096 U	0.096 U	0.098 U	0.098 U	0.099 U
Benzo(b)fluoranthene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Benzo(g,h,i)perylene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Benzo(k)fluoranthene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Chrysene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Dibenzo(a,h)anthracene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Dibenzofuran	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	3.6 J	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Fluoranthene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Fluorene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	2.1 J	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Phenanthrene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	2.1 J	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U
Pyrene	NE	µg/l	8.3 U	8.3 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	10.0 U	10.0 U	10.0 U

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-35BR	MW-35S	MW-35TZ	MW-36BR	MW-36S	MW-36TZ		MW-37BR	MW-37S	MW-37TZ	MW-38BR	MW-38S	MW-39BR
	Well Screen Interval (ft bls):		140 - 150	5 - 15	30 - 35	63 - 68	5 - 20	40 - 45	40 - 45	111 - 116	5 - 20	65 - 70	42 - 47	5 - 20	45 - 50
	Sample Collection Date:		03/23/2023	03/23/2023	03/23/2023	03/21/2023	03/21/2023	03/21/2023	03/21/2023	03/22/2023	03/22/2023	03/22/2023	03/27/2023	03/27/2023	03/28/2023
	SCDHEC MCL (R.61-68)	Units							(DUP)						
Natural Attenuation and Others															
Sulfate	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9.3	NS	30.0
Sulfide	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.024 J	NS	0.1 U
Total Organic Carbon	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.66 J	NS	0.54 J
Alkalinity as NaOH	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	117.0	NS	101.0
Methane	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	NS	10.0 U
Ammonia	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.1 U	NS	0.1 U
Nitrate + Nitrite as N	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.081	NS	0.025 J
Ethane	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	NS	10.0 U
Ethylene	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	NS	10.0 U
Carbon Dioxide	NE	mg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	110.0	NS	99.0
Metals															
Iron, Dissolved	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	251.0	NS	1660.0
Iron, Total	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	250.0	NS	1300.0
Manganese, Dissolved	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	71.7	NS	85.9
Manganese, Total	NE	µg/l	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	72.7	NS	60.8
Field Parameters															
Dissolved Oxygen	NE	mg/l	0.76	7.34	4.09	1.8	0.29	2.39	2.39	0.29	2.11	0.41	5.9	0.93	7.81
Oxidation-Reduction Potential	NE	mV	-192.4	204.7	14	184.4	-61.6	102.49	102.49	-128.4	189.9	-114.9	253.6	98.5	189.1
pH	NE	SU	7.86	5.95	6.93	6.88	6.12	5.49	5.49	7.05	5.73	7.86	7.15	5.62	6.83
Specific Conductivity	NE	µS/cm	554	182	232	277	0.447	0.135	0.135	0.325	193	525	298	215	346
Temperature	NE	deg c	17.87	14.15	16.22	13.61	14.24	16.71	16.71	16.38	14.65	15.8	14.5	12.95	13.05
Turbidity	NE	NTU	0.87	3.55	0.78	3	4.49	0.02	0.02	0.02	4.71	2.54	0.13	30.9	3.1

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-39BRL	MW-39S	MW-40BR	MW-41BR	MW-41S	MW-41TZ	MW-42BR	MW-42S	MW-42TZ	MW-43BR	MW-43S	MW-43TZ	MW-44BR
	Well Screen Interval (ft bls):		75 - 80	9 - 24	65 - 75	80 - 90	5 - 20	45 - 55	72 - 77	5 - 20	50 - 55	110 - 115	5 - 20	61 - 71	50 - 60
	Sample Collection Date:		03/27/2023	03/27/2023	03/28/2023	03/22/2023	03/22/2023	03/22/2023	03/21/2023	03/21/2023	03/21/2023	03/23/2023	03/23/2023	03/23/2023	03/22/2023
	SCDHEC MCL (R.61-68)	Units													
Volatile Organic Compounds (USEPA Method 8260)															
Benzene	5	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	0.86 J	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethene	70	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichloromethane	5	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	700	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl T-Butyl Ether (MTBE)	40 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.67 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	25 *	µg/l	1.0 U	1.0 U	0.83 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.6	1.0 U	1.0 U	1.0 U
O-Xylene	NE	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5	0.86 J	1.0 U	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)															
2,4-Dimethylphenol	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
2-Methylphenol	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Benzoic Acid	NE	µg/l	50.0 U	50.0 U	50.0 U	50.0 U	41.7 U	50.0 U	50.0 U	50.0 U	50.0 U	41.7 U	43.5 U	45.5 U	41.7 U
Phenol	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)															
1-Methylnaphthalene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
2-Methylnaphthalene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Acenaphthene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Acenaphthylene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Anthracene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Benzo(a)anthracene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Benzo(a)pyrene	0.2	µg/l	0.094 U	0.1 U	0.096 U	0.097 U	0.096 U	0.095 U	0.097 U	0.098 U	0.098 U	0.097 U	0.096 U	0.096 U	0.096 U
Benzo(b)fluoranthene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Benzo(g,h,i)perylene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Benzo(k)fluoranthene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Chrysene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Dibenzo(a,h)anthracene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Dibenzofuran	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Fluoranthene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Fluorene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Phenanthrene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U
Pyrene	NE	µg/l	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U	10.0 U	10.0 U	10.0 U	8.3 U	8.7 U	9.1 U	8.3 U

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-39BRL	MW-39S	MW-40BR	MW-41BR	MW-41S	MW-41TZ	MW-42BR	MW-42S	MW-42TZ	MW-43BR	MW-43S	MW-43TZ	MW-44BR
	Well Screen Interval (ft bls):		75 - 80	9 - 24	65 - 75	80 - 90	5 - 20	45 - 55	72 - 77	5 - 20	50 - 55	110 - 115	5 - 20	61 - 71	50 - 60
	Sample Collection Date:		03/27/2023	03/27/2023	03/28/2023	03/22/2023	03/22/2023	03/22/2023	03/21/2023	03/21/2023	03/21/2023	03/23/2023	03/23/2023	03/23/2023	03/22/2023
	SCDHEC MCL (R.61-68)	Units													
Natural Attenuation and Others															
Sulfate	NE	mg/l	53.5	NS	NS	NS	NS	NS	NS	NS	NS	2.3	NS	NS	1.0 U
Sulfide	NE	mg/l	0.19	NS	NS	NS	NS	NS	NS	NS	NS	0.69	NS	NS	0.1 U
Total Organic Carbon	NE	mg/l	11.7	NS	NS	NS	NS	NS	NS	NS	NS	2.8	NS	NS	0.91 J
Alkalinity as NaOH	NE	mg/l	199.0	NS	NS	NS	NS	NS	NS	NS	NS	129.0	NS	NS	97.5
Methane	NE	µg/l	11.1	NS	NS	NS	NS	NS	NS	NS	NS	982.0	NS	NS	102.0
Ammonia	NE	mg/l	0.039 J	NS	NS	NS	NS	NS	NS	NS	NS	3.3	NS	NS	0.1 U
Nitrate + Nitrite as N	NE	mg/l	0.034 J	NS	NS	NS	NS	NS	NS	NS	NS	0.017 J	NS	NS	0.037 J
Ethane	NE	µg/l	10.0 U	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	NS	NS	10.0 U
Ethylene	NE	µg/l	10.0 U	NS	NS	NS	NS	NS	NS	NS	NS	10.0 U	NS	NS	10.0 U
Carbon Dioxide	NE	mg/l	169.0	NS	NS	NS	NS	NS	NS	NS	NS	116.0	NS	NS	62.9
Metals															
Iron, Dissolved	NE	µg/l	50.0 U	NS	NS	NS	NS	NS	NS	NS	NS	83.1	NS	NS	50.0 U
Iron, Total	NE	µg/l	50.0 U	NS	NS	NS	NS	NS	NS	NS	NS	171.0	NS	NS	43.8 J
Manganese, Dissolved	NE	µg/l	10.0	NS	NS	NS	NS	NS	NS	NS	NS	124.0	NS	NS	5.0 U
Manganese, Total	NE	µg/l	9.7	NS	NS	NS	NS	NS	NS	NS	NS	141.0	NS	NS	3.8 J
Field Parameters															
Dissolved Oxygen	NE	mg/l	0.25	0.28	0.43	0.23	0.81	7.33	0.55	3.38	5.1	0.19	0.13	0.35	143.7
Oxidation-Reduction Potential	NE	mV	-96.1	98.7	650.6	-181	303.5	106.6	-82.5	235.4	183.8	-232	-69.8	124.6	34.1
pH	NE	SU	8.51	5.85	6.33	7.9	5.58	11.17	6.89	5	5.8	7.99	6.47	6.04	10.02
Specific Conductivity	NE	µS/cm	0.231	0.214	0.336	0.794	133	437	0.143	119	132	288	363	100	222
Temperature	NE	deg c	17.6	16.47	16.94	14.77	14.45	12.24	17.75	15.09	15.81	18.31	16.83	18.11	15.17
Turbidity	NE	NTU	1.42	0.02	0.02	0.02	2.45	6.5	0.02	1.19	0.95	4.76	12.1	2.02	1.9

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-44TZ	MW-45BR	MW-46BR	MW-47BR	MW-48S	MW-48TZ		MW-50S	MW-50TZ
	Well Screen Interval (ft bls):		20 - 25	80 - 90	170 - 180	110 - 120	15 - 30	45 - 55	45 - 55	5 - 15	29 - 34
	Sample Collection Date:		03/22/2023	03/24/2023	03/24/2023	03/24/2023	03/23/2023	03/23/2023	03/23/2023	03/24/2023	03/24/2023
	SCDHEC MCL (R.61-68)	Units							(DUP)		
Volatile Organic Compounds (USEPA Method 8260)											
Benzene	5	µg/l	1.0 U	**87.0**	1.0 U	**134.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cis-1,2-Dichloroethene	70	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichloromethane	5	µg/l	5.0 U	10.0 U	5.0 U	62.5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	700	µg/l	1.0 U	19.4	1.0 U	142.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	2.0 U	16.6	2.0 U	450.0	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl T-Butyl Ether (MTBE)	40 *	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	25 *	µg/l	1.0 U	**347.0**	1.8	**1860.0**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene	NE	µg/l	1.0 U	10.2	1.0 U	251.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	1.0 U	6.1	1.0 U	47.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	1.0 U	27.5	1.0 U	737.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10000	µg/l	1.0 U	26.8	1.0 U	702.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	1.0 U	2.0 U	1.0 U	12.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)											
2,4-Dimethylphenol	NE	µg/l	8.3 U	34.9	10.0 U	23.2	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
2-Methylphenol	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	8.3 U	1.5 J	10.0 U	4.7 J	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Benzoic Acid	NE	µg/l	41.7 U	50.0 U	50.0 U	24.0 J	50.0 U	50.0 U	50.0 U	41.7 U	50.0 U
Phenol	NE	µg/l	8.3 U	5.1 J	10.0 U	2.5 J	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)											
1-Methylnaphthalene	NE	µg/l	8.3 U	15.1	10.0 U	98.5	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
2-Methylnaphthalene	NE	µg/l	8.3 U	20.2	10.0 U	154.0	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Acenaphthene	NE	µg/l	8.3 U	5.0 J	10.0 U	4.8 J	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Acenaphthylene	NE	µg/l	8.3 U	2.6 J	10.0 U	62.0	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Anthracene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Benzo(a)anthracene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Benzo(a)pyrene	0.2	µg/l	0.097 U	0.099 U	0.1 U	0.1 U	0.098 U	0.1 U	0.1 U	0.1 U	0.097 U
Benzo(b)fluoranthene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Benzo(g,h,i)perylene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Benzo(k)fluoranthene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Chrysene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Dibenzo(a,h)anthracene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Dibenzofuran	NE	µg/l	8.3 U	10.0 U	10.0 U	3.2 J	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Fluoranthene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Fluorene	NE	µg/l	8.3 U	10.0 U	10.0 U	10.1	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Phenanthrene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.0 J	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U
Pyrene	NE	µg/l	8.3 U	10.0 U	10.0 U	9.1 U	10.0 U	10.0 U	10.0 U	8.3 U	10.0 U

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		MW-44TZ	MW-45BR	MW-46BR	MW-47BR	MW-48S	MW-48TZ		MW-50S	MW-50TZ
	Well Screen Interval (ft bls):		20 - 25	80 - 90	170 - 180	110 - 120	15 - 30	45 - 55	45 - 55	5 - 15	29 - 34
	Sample Collection Date:		03/22/2023	03/24/2023	03/24/2023	03/24/2023	03/23/2023	03/23/2023	03/23/2023	03/24/2023	03/24/2023
	SCDHEC MCL (R.61-68)	Units							(DUP)		
Natural Attenuation and Others											
Sulfate	NE	mg/l	NS	118.0	1.5	18.3	NS	NS	NS	NS	NS
Sulfide	NE	mg/l	NS	0.89	0.11	0.1 U	NS	NS	NS	NS	NS
Total Organic Carbon	NE	mg/l	NS	22.1	1.5	15.1	NS	NS	NS	NS	NS
Alkalinity as NaOH	NE	mg/l	NS	176.0	147.0	847.0	NS	NS	NS	NS	NS
Methane	NE	µg/l	NS	594.0	673.0	837.0	NS	NS	NS	NS	NS
Ammonia	NE	mg/l	NS	0.25	0.1 U	0.96	NS	NS	NS	NS	NS
Nitrate + Nitrite as N	NE	mg/l	NS	0.023 J	0.021 J	0.032 J	NS	NS	NS	NS	NS
Ethane	NE	µg/l	NS	10.0 U	10.0 U	10.0 U	NS	NS	NS	NS	NS
Ethylene	NE	µg/l	NS	10.0 U	10.0 U	10.0 U	NS	NS	NS	NS	NS
Carbon Dioxide	NE	mg/l	NS	73.9	129.0	179.0	NS	NS	NS	NS	NS
Metals											
Iron, Dissolved	NE	µg/l	NS	50.0 U	50.0 U	50.0 U	NS	NS	NS	NS	NS
Iron, Total	NE	µg/l	NS	50.0 U	50.0 U	50.0 U	NS	NS	NS	NS	NS
Manganese, Dissolved	NE	µg/l	NS	5.0 U	5.0 U	5.0 U	NS	NS	NS	NS	NS
Manganese, Total	NE	µg/l	NS	5.0 U	5.0	5.0 U	NS	NS	NS	NS	NS
Field Parameters											
Dissolved Oxygen	NE	mg/l	5.27	1.89	1.16	0.89	2.98	0.28	0.28	3.65	3.55
Oxidation-Reduction Potential	NE	mV	226.1	-196.8	-135.9	-223.5	36	-80.9	-80.9	210	168.5
pH	NE	SU	5.3	11.09	8.11	11.96	6.47	7.21	7.21	5.52	5.07
Specific Conductivity	NE	µS/cm	52	838	245	3547	882	0.19	0.19	112	0.148
Temperature	NE	deg c	15.67	14.52	15.15	17.8	14.01	17.16	17.16	17.28	18.35
Turbidity	NE	NTU	1.3	9.7	3.2	1.91	1.62	0.17	0.17	4.13	0.02

TABLE 3-1
SUMMARY OF SPRING 2023 GROUNDWATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Notes:

µg/L - micrograms per liter

mg/L - milligrams per liter

ft bls - feet below land surface

Blank Cell - Data either not analyzed or not available

NE - criteria not established

NS - not sampled

J - value is estimated

U - analyte not detected about quantitation limit; reporting limit shown

UJ - analyte not detected above quantitation limit but reported quantitation limit is approximate

H - analysis conducted outside the EPA method holding time.

DUP - indicates duplicate sample collection

SU - standard pH units

µS/cm - micro-siemens per centimeter

mV - milli-volt

NTU - nephelometric turbidity unit

deg C - degree Celsius

SCDHEC - South Carolina Department of Health and Environmental Control

MCL - maximum contaminant level

* RBSL referenced in Table 1 Appendix D of the SCDHEC Quality Assurance Program Plan Underground Storage Tank Management Division

Total THMs = Total Trihalomethanes. It is the sum of the concentration in micrograms per liter of the trihalomethane compounds (Chloroform, Dibromochloromethane, Bromodichloromethane, Bromoform). The screening level is only compared to the summation and not the individual compounds.

Bold/shaded value indicates that the concentration exceeds the SCDHEC (R. 61-68) MCL or RBSL.

TABLE 3-2

SUMMARY OF SPRING 2023 SURFACE WATER ANALYTICAL RESULTS

Former Bramlette MGP Site

Greenville, South Carolina

Analyte	Well Location ID:		SW-1	SW-2	SW-3	SW-4	SW-4	SW-6	SW-7	SW-8
	Sample Collection Date:		03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023
	SCDHEC MCL (R.61-68)	Units					(DUP)			
Volatile Organic Compounds (USEPA Method 8260)										
Benzene	5	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	0.55 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Naphthalene	25 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene	NE	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	0.55 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)										
2-Methylphenol	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
4,6-Dinitro-2-Methylphenol	NE	µg/l	16.7 U	20.0 U	20.0 U	16.7 U	16.7 U	18.2 U	16.7 U	16.7 U
Pentachlorophenol	1	µg/l	16.7 U	20.0 U	20.0 U	16.7 U	16.7 U	18.2 U	16.7 U	16.7 U
Phenol	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U

TABLE 3-2
SUMMARY OF SPRING 2023 SURFACE WATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		SW-1	SW-2	SW-3	SW-4	SW-4	SW-6	SW-7	SW-8
	Sample Collection Date:		03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023
	SCDHEC MCL (R.61-68)	Units					(DUP)			
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)										
1-Methylnaphthalene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
2-Methylnaphthalene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Acenaphthene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Acenaphthylene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Anthracene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Benzo(a)anthracene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Benzo(a)pyrene	0.2	µg/l	0.099 U	0.098 U	0.098 U	0.098 U	0.097 U	0.097 U	0.096 U	0.098 U
Benzo(b)fluoranthene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Benzo(g,h,i)perylene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Benzo(k)fluoranthene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Chrysene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Dibenzo(a,h)anthracene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Dibenzofuran	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Fluoranthene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Fluorene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Phenanthrene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Pyrene	NE	µg/l	8.3 U	10.0 U	10.0 U	8.3 U	8.3 U	9.1 U	8.3 U	8.3 U
Field Parameters										
Dissolved Oxygen	NE	mg/l	11.04	6.01	4.14	8.18	8.18	68.5	10.3	12.85
Oxidation-Reduction Potential	NE	mV	36.4	24	-71.3	25.4	25.4	-56.6	23.7	67.5
pH	NE	SU	6.81	7.15	7.03	7.08	7.08	7.15	7.08	7.17
Specific Conductivity	NE	µS/cm	281	157	189	265	265	345	62	44
Temperature	NE	deg c	8.72	13.25	12.05	12.11	12.11	18.6	7	7.55
Turbidity	NE	NTU	11	16	7	19	19	36	17	17

TABLE 3-2

SUMMARY OF SPRING 2023 SURFACE WATER ANALYTICAL RESULTS

Former Bramlette MGP Site

Greenville, South Carolina

Analyte	Well Location ID:		SW-9	SW-10	SW-11	SW-12	SW-13	SW-15	SW-16
	Sample Collection Date:		03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023
	SCDHEC MCL (R.61-68)	Units							
Volatile Organic Compounds (USEPA Method 8260)									
Benzene	5	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylenes	NE	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Naphthalene	25 *	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O-Xylene	NE	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Xylenes	10000	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Total Trihalomethanes	80 Total THMs	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Semi-Volatile Organic Compounds (USEPA Method 8270)									
2-Methylphenol	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
3&4-Methylphenol (m&p Cresol)	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
4,6-Dinitro-2-Methylphenol	NE	µg/l	16.7 U	16.7 U	17.4 U	20.0 U	17.4 U	16.7 U	16.7 U
Pentachlorophenol	1	µg/l	16.7 U	16.7 U	17.4 U	20.0 U	17.4 U	16.7 U	16.7 U
Phenol	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U

TABLE 3-2
SUMMARY OF SPRING 2023 SURFACE WATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Analyte	Well Location ID:		SW-9	SW-10	SW-11	SW-12	SW-13	SW-15	SW-16
	Sample Collection Date:		03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023	03/20/2023
	SCDHEC MCL (R.61-68)	Units							
Polycyclic Aromatic Hydrocarbons (USEPA Method 8270)									
1-Methylnaphthalene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
2-Methylnaphthalene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Acenaphthene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Acenaphthylene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Anthracene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Benzo(a)anthracene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Benzo(a)pyrene	0.2	µg/l	0.097 U	0.098 U	0.099 U	0.096 U	0.099 U	0.097 U	0.098 U
Benzo(b)fluoranthene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Benzo(g,h,i)perylene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Benzo(k)fluoranthene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Chrysene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Dibenzo(a,h)anthracene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Dibenzofuran	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Fluoranthene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Fluorene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Indeno(1,2,3-cd)pyrene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Phenanthrene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Pyrene	NE	µg/l	8.3 U	8.3 U	8.7 U	10.0 U	8.7 U	8.3 U	8.3 U
Field Parameters									
Dissolved Oxygen	NE	mg/l	11.23	13.58	9.51	9.65	5.74	7.37	7.55
Oxidation-Reduction Potential	NE	mV	41.2	47.5	45	39.4	-22.9	-1.6	6.7
pH	NE	SU	7.28	6.95	7.14	7.15	7.22	7.13	7.16
Specific Conductivity	NE	µS/cm	43	48	43	48	348	288	273
Temperature	NE	deg c	7.42	10.14	7.5	7.72	18.27	14.9	14.88
Turbidity	NE	NTU	17	15	15	11	41	19	11

TABLE 3-2
SUMMARY OF SPRING 2023 SURFACE WATER ANALYTICAL RESULTS
Former Bramlette MGP Site
Greenville, South Carolina

Notes:

µg/L - micrograms per liter

mg/L - milligrams per liter

ft bls - feet below land surface

Blank Cell - Data either not analyzed or not available

NS - Not sampled

J - value is estimated

U - analyte not detected about quantitation limit; reporting limit shown

UJ - analyte not detected above quantitation limit but reported quantitation limit is approximate

DUP - indicates duplicate sample collection

SU - standard pH units

µS/cm - micro-siemens per centimeter

mV - milli-volt

NTU - nephelometric turbidity unit

deg C - degree Celsius

SCDHEC - South Carolina Department of Health and Environmental Control

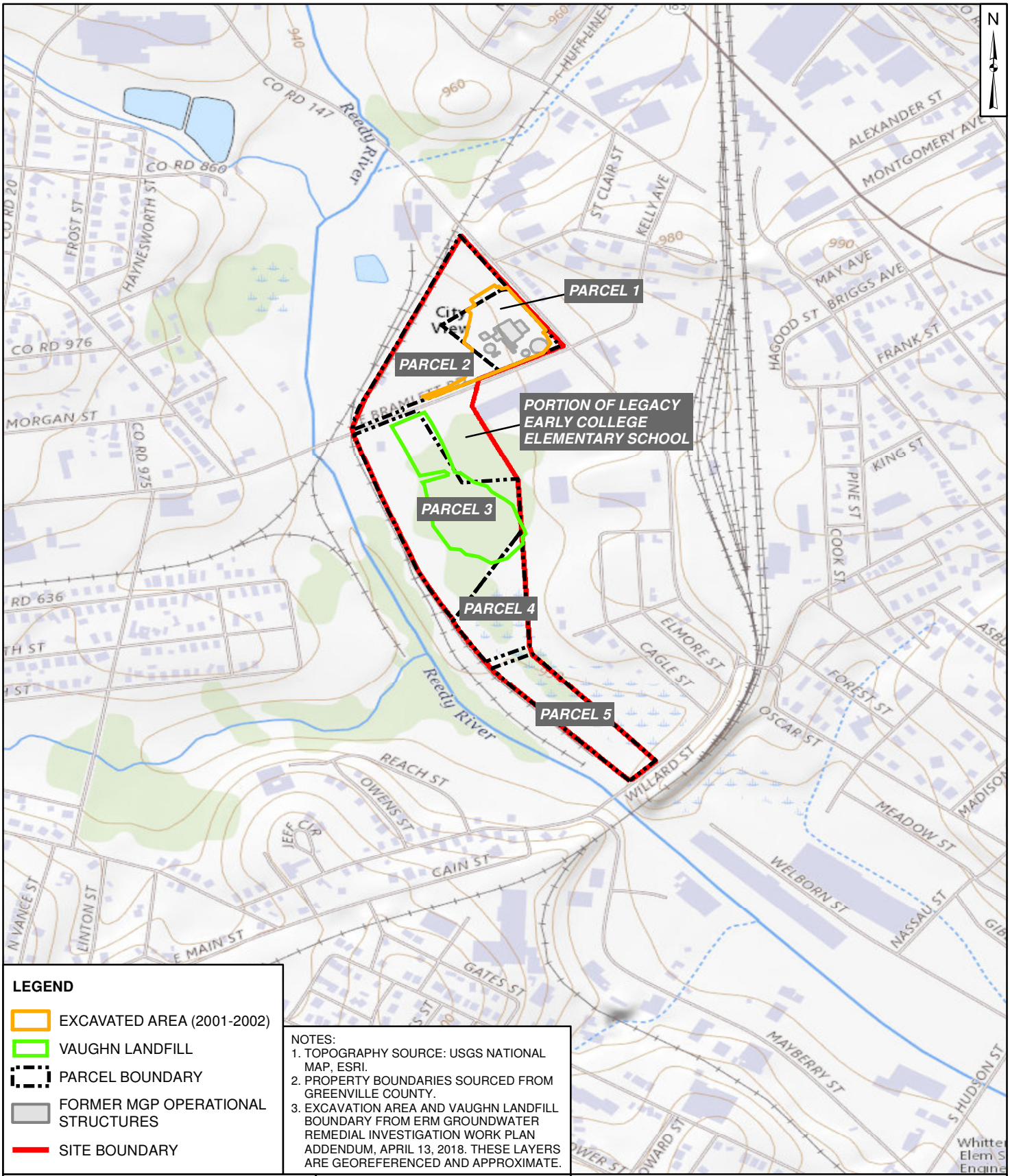
MCL - maximum contaminant level

* RBSL referenced in Table 1 Appendix D of the SCDHEC Quality Assurance Program Plan Underground Storage Tank Management Division

Total THMs = Total Trihalomethanes. It is the sum of the concentration in micrograms per liter of the trihalomethane compounds (Chloroform, Dibromochloromethane, Bromodichloromethane, Bromoform). The screening level is only compared to the summation and not the individual compounds.

Bold/shaded value indicates that the concentration exceeds the SCDHEC (R. 61-68) MCL or RBSL

FIGURES



LEGEND

- EXCAVATED AREA (2001-2002)
- VAUGHN LANDFILL
- PARCEL BOUNDARY
- FORMER MGP OPERATIONAL STRUCTURES
- SITE BOUNDARY

NOTES:
1. TOPOGRAPHY SOURCE: USGS NATIONAL MAP, ESRI.
2. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
3. EXCAVATION AREA AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.

DUKE ENERGY

Geosyntec consultants

0 800 Feet

DRAWN BY: MAH	DATE: 8/19/2022
REVISED BY: FLF	DATE: 12/14/2022
CHECKED BY: FLF	DATE: 12/14/2022
APPROVED BY: FLF	DATE: 12/14/2022
PROJECT MANAGER: APB	DATE: 12/14/2022

FIGURE 1-1
USGS TOPOGRAPHIC MAP AND SITE LOCATION
FORMER BRAMLETTE MGP SITE
EAST BRAMLETT ROAD
GREENVILLE, SOUTH CAROLINA

Path: (Titusville-01\DATA) \\Titusville-01\Data\0GIS\FR7559_BramletteMGP\MXDs\202210\SWPP_Topo_202212.mxd 29 December 2022. Last Edited by: csaville

NOTES:

1. MONITORING WELL LOCATION COORDIANTES WERE OBTAINED FROM TABLE 3-1, IN SYNTERRA'S SEPTEMBER 2021 SEMIANNUAL MONITORING REPORT.
2. SHAPEFILES OF SITE FEATURES INCLUDING RIVER GUAGE, STAFF GUAGE, AND SURFACE WATER SAMPLING LOCATIONS PROVIDED BY SYNTERRA.
3. VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
4. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
5. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
6. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).
7. 2021 WORLD IMAGERY SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY.

N

MW-43TZ MW-43S MW-43BR MW-13R MW-27 MW-26
MW-16 MW-15
PARCEL 1
PARCEL 2
MW-36TZ MW-36BR MW-36S MW-37S MW-37TZ MW-37BR
MW-07R MW-09R MW-28 MW-42S MW-42TZ MW-42BR
MW-35TZ MW-35S MW-35BR
E BRAMLETT RD
MW-33TZ MW-33S
MW-48TZ MW-48S
MW-34TZ MW-34S MW-34BR
LEGACY EARLY COLLEGE ELEMENTARY SCHOOL
MW-29S MW-29TZ MW-29BR
SW-01
MW-25R
MW-01
MW-41S MW-41TZ MW-41BR
RI-SG1
MW-02TZ MW-02BR
RI-RR1 SW-07
MW-03BR MW-03BRL MW-03
MW-45BR
MW-20
MW-46BR MW-49BR
RI-SG2 SW-02
SW-04 SW-03
MW-47BR
MW-44TZ MW-44BR
MW-30TZ MW-30S
SW-08
GREATER GREENVILLE SANITATION DEPARTMENT
VAUGHN LANDFILL
MW-32S MW-32TZ
PARCEL 3
MW-39BRL MW-39S MW-39BR
WALNUT DR
RI-RR2
MW-31S MW-31TZ
SW-09
RI-SG3 SW-05
MW-21 MW-21BRL MW-21BR
MW-38BR MW-38S
SW-13 SW-06
REEDY RIVER
MW-18
PARCEL 4
TEMPLE ST
ELMORE ST
CAGLE ST
SW-14
MW-50S MW-50TZ
MW-22 MW-05 MW-40BR
SW-10
SW-15
PARCEL 5
SW-16 SW-17
REACH ST
OWENS ST
WILLARD ST
SW-11 RI-RR4
SW-12
RI-RR3

LEGEND

- WELL SCREENED IN SHALLOW
- WELL SCREENED IN BEDROCK
- WELL SCREENED IN TRANSITION ZONE
- RIVER GUAGE
- STAFF GUAGE
- SURFACE WATER SAMPLING LOCATION
- SITE BOUNDARY
- FORMER DRAINAGE DITCH (1964)
- SWAMP RABBIT TRAIL
- RAILROAD
- VAUGHN LANDFILL
- EXCAVATED AREA (2001-2002)
- PARCEL BOUNDARY
- FORMER MGP OPERATIONAL STRUCTURES
- BUILDING
- HYDROLOGY
- WETLANDS

DUKE ENERGY.

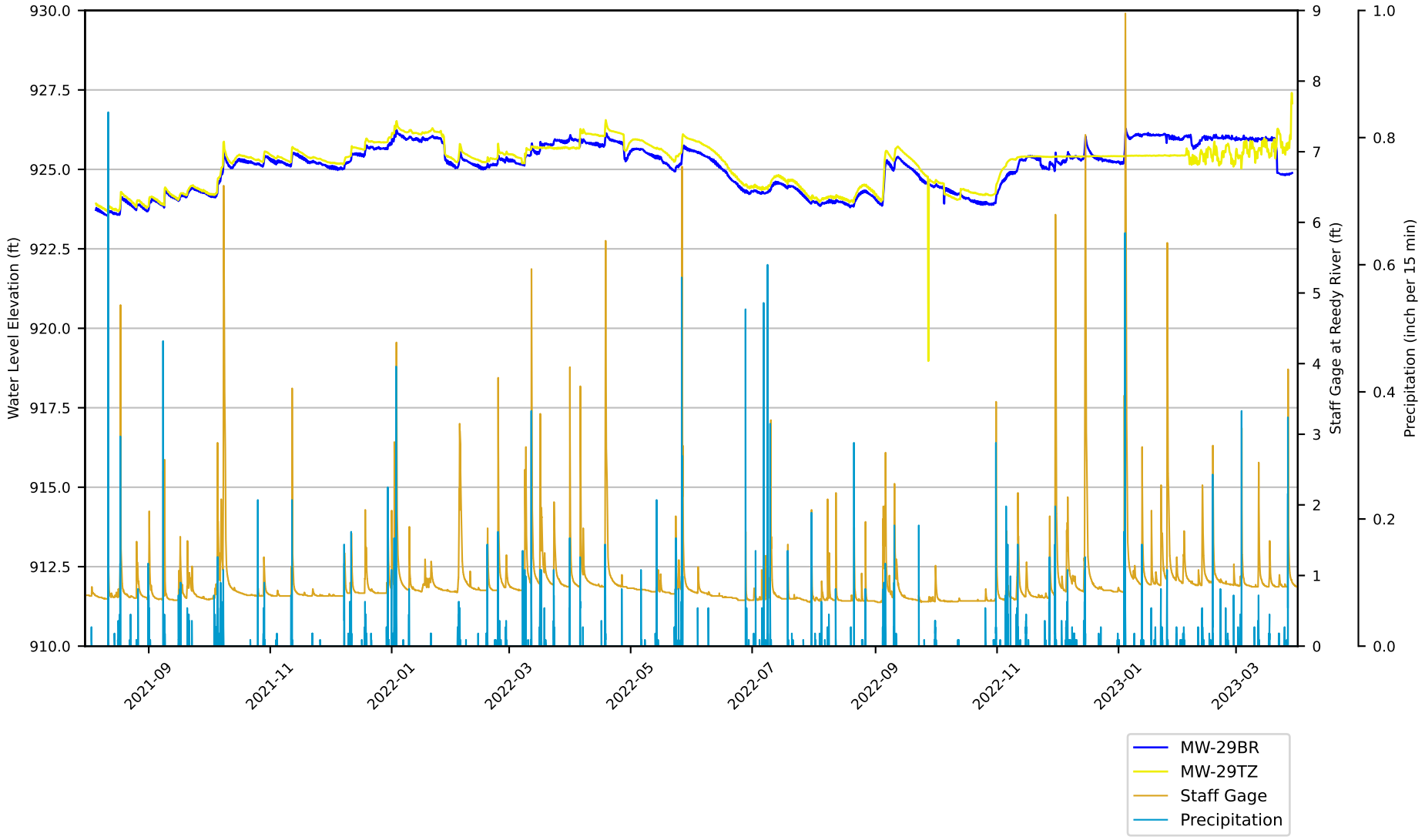
Geosyntec consultants

0 250 Feet

DRAWN BY: MH	DATE: 11/23/2022
REVISED BY: FLF	DATE: 11/23/2022
CHECKED BY FLF:	DATE: 11/23/202
APPROVED BY: APB	DATE: 12/16/2022
PROJECT MANAGER: APB	DATE: 12/16/2022

FIGURE 2-1
SITE LAYOUT
FORMER BRAMLETTE ROAD MGP SITE
EAST BRAMLETT ROAD
GREENVILLE, SOUTH CAROLINA

Path: (Titusville-01\DATA) T:\0GIS\FR7559_BramletteMGP\MXDs\202212\SiteLayout_202212.mxd 29 December 2022. Last Edited by: csaville



DUKE ENERGY CAROLINAS

Geosyntec consultants

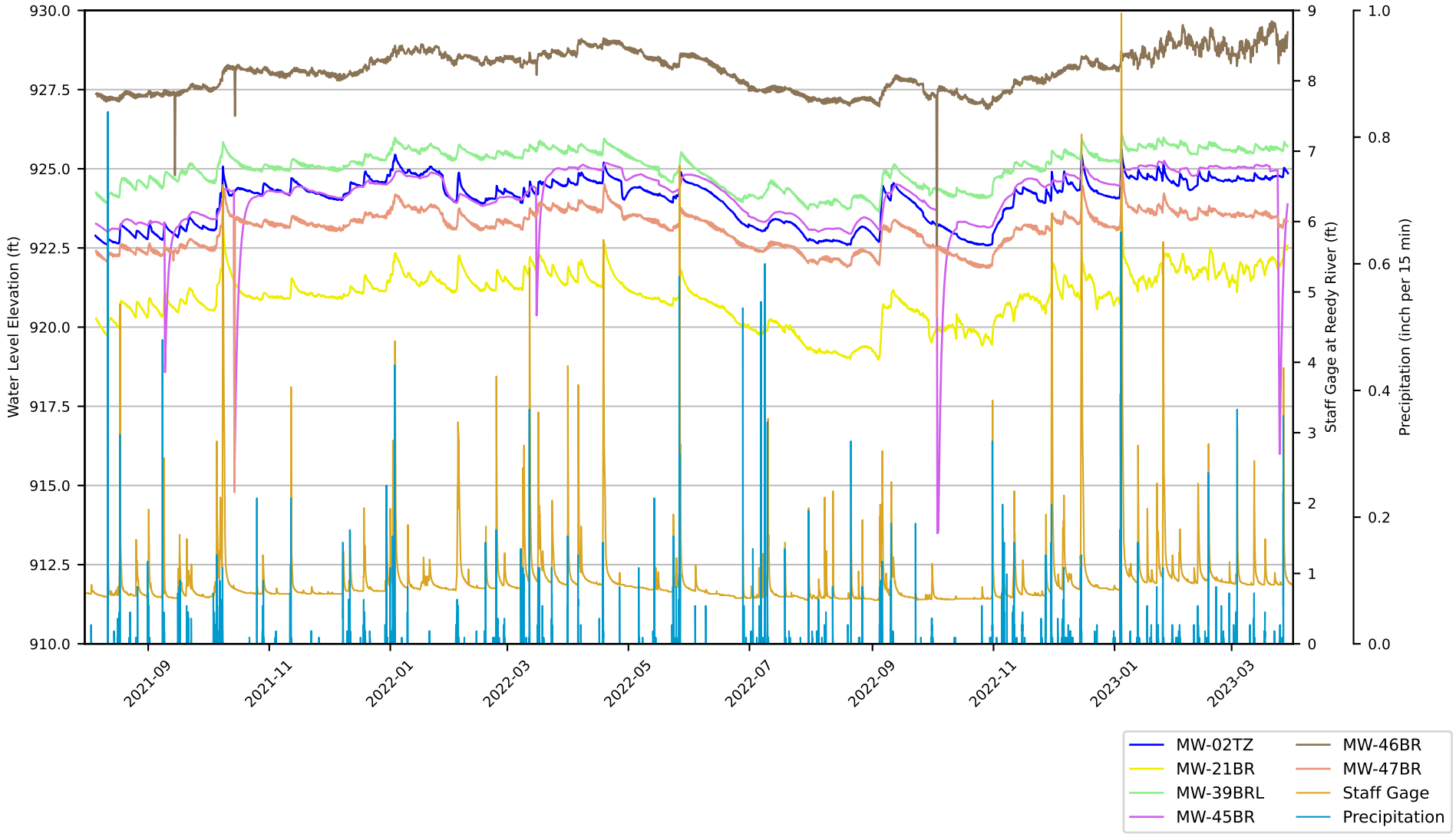
DRAWN BY: SW	DATE: 04/27/2023
REVISED BY: FLF	DATE:05/02/2023
CHECKED BY: FLF	DATE:05/02/2023
APPROVED BY: APB	DATE:05/02/2023

NOTES:
1. Elevations referenced to North America Vertical Datum of 1988 in feet (NADC 88).

2. Precipitation obtained from online published data from https://waterdata.usgs.gove/monitoring-location/0216400/#parameterCode=00065&period=P365D

FIGURE 2-2
MW-29 CLUSTER HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
MARCH 2023
FORMER BRAMLETTE MGP SITE
EAST BRAMLETT ROAD
GREENVILLE, SOUTH CAROLINA

Source: \\Tampa-01\prj1\Hydro\FR7559C (Bramlette MGP Site)\5. Data\Transducer Data & Hydrographs\2023_03\MW-29 CLUSTER



DUKE ENERGY CAROLINAS

Geosyntec consultants

DRAWN BY: SW DATE: 04/27/2023

REVISED BY: FLF DATE:05/02/2023

CHECKED BY: FLF DATE:05/02/2023

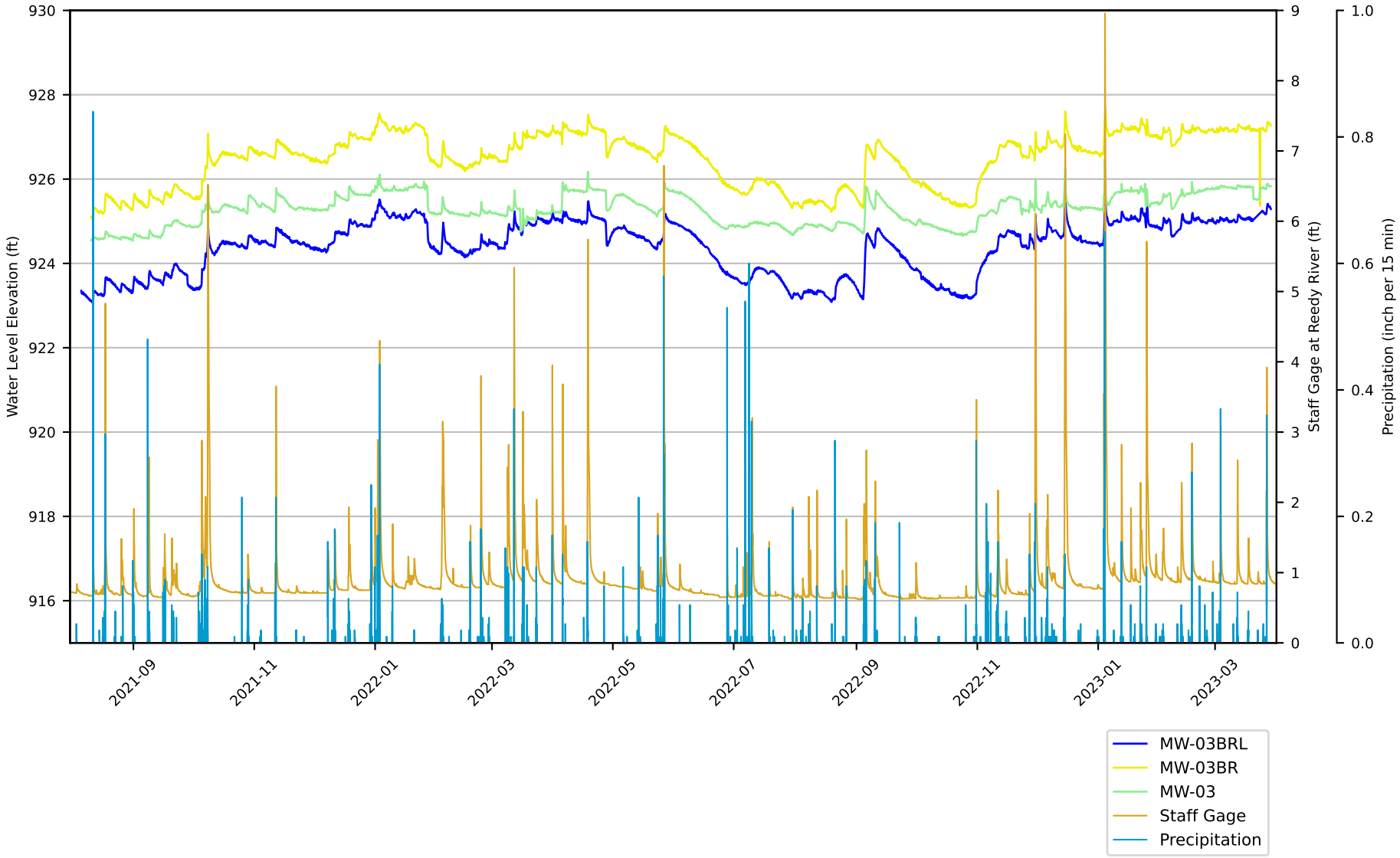
APPROVED BY: APB DATE:05/02/2023

NOTES:
1. Elevations referenced to North America Vertical Datum of 1988 in feet (NADC 88).

2. Precipitation obtained from online published data from https://waterdata.usgs.gove/monitoring-location/0216400/#parameterCode=00065&period=P365D

FIGURE 2-3
VAUGHN LANDFILL HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
MARCH 2023
FORMER BRAMLETTE MGP SITE
EAST BRAMLETT ROAD
GREENVILLE, SOUTH CAROLINA

Source: \\Tampa-01\prj1\Hydro\FR7559C (Bramlette MGP Site)\5. Data\Transducer Data & Hydrographs\2023_03\VAUGHN LANDFILL



DUKE ENERGY CAROLINAS

Geosyntec consultants

DRAWN BY: SW DATE: 04/27/2023

REVISED BY: FLF DATE:05/02/2023

CHECKED BY: FLF DATE:05/02/2023

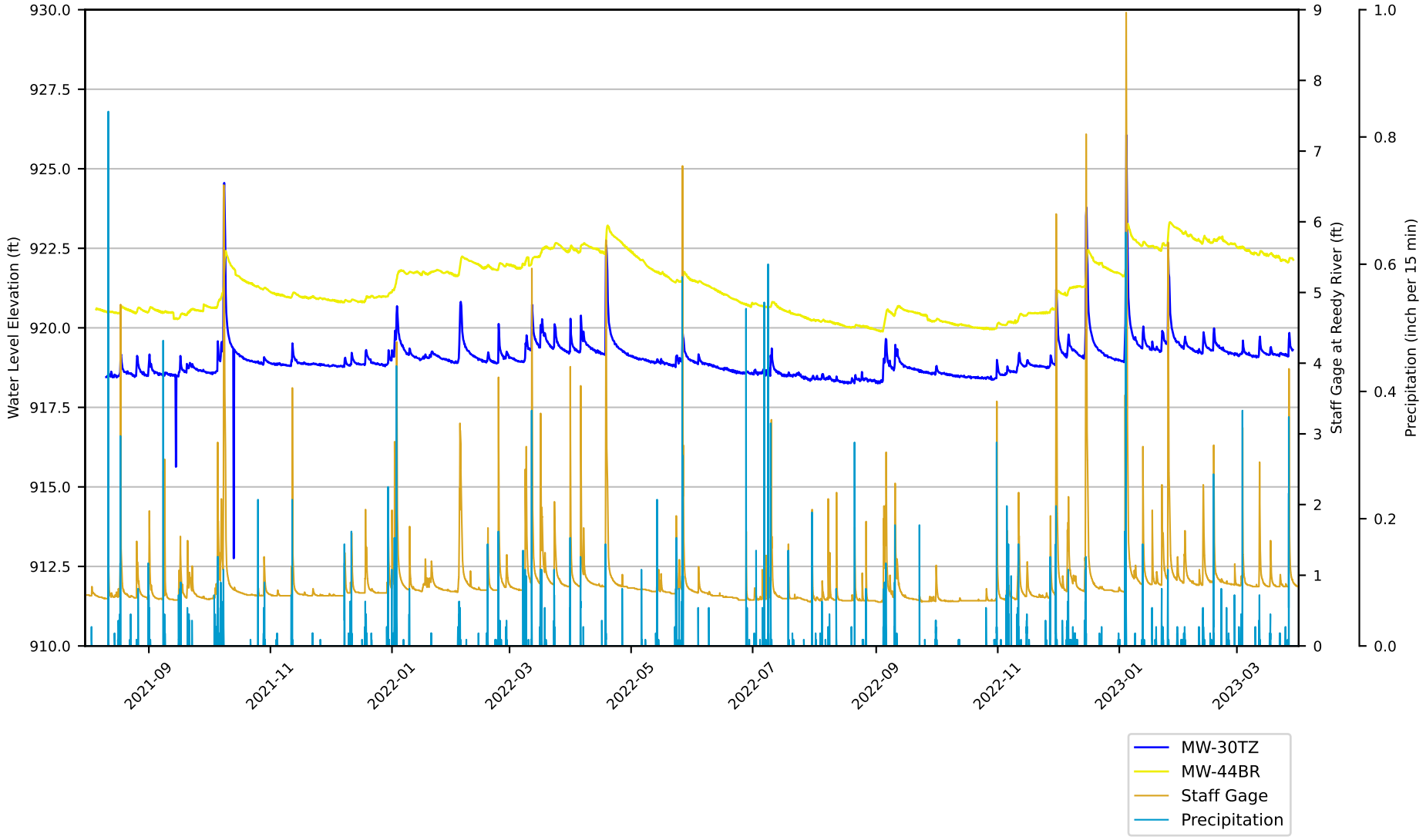
APPROVED BY: APB DATE:05/02/2023

NOTES:
1. Elevations referenced to North America Vertical Datum of 1988 in feet (NADC 88).

2. Precipitation obtained from online published data from https://waterdata.usgs.gove/monitoring-location/0216400/#parameterCode=00065&period=P365D

FIGURE 2-4
MW-03 CLUSTER HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
MARCH 2023
FORMER BRAMLETTE MGP SITE
EAST BRAMLETT ROAD
GREENVILLE, SOUTH CAROLINA

Source: \\Tampa-01\prj1\Hydro\FR7559C (Bramlette MGP Site)\5. Data\Transducer Data & Hydrographs\2023_03\MW-03 CLUSTER



DUKE ENERGY CAROLINAS Geosyntec consultants	DRAWN BY: SW REVISED BY: FLF CHECKED BY: FLF APPROVED BY: APB	DATE: 04/27/2023 DATE:05/02/2023 DATE:05/02/2023 DATE:05/02/2023	NOTES: 1. Elevations referenced to North America Vertical Datum of 1988 in feet (NADC 88). 2. Precipitation obtained from online published data from https://waterdata.usgs.gove/monitoring-location/0216400/#parameterCode=00065&period=P365D	**FIGURE 2-5** **REEDY RIVER WELL HYDROGRAPHS** **SEMIANNUAL MONITORING REPORT** **MARCH 2023** **FORMER BRAMLETTE MGP SITE** **EAST BRAMLETT ROAD** **GREENVILLE, SOUTH CAROLINA**

Source: \\Tampa-01\prj1\Hydro\FR7559C (Bramlette MGP Site)\5. Data\Transducer Data & Hydrographs\2023_03\REEDY RIVER WELL

APPENDIX A
Field Sampling Logs

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-29S
Screen Interval (ft) 5 to 15
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 7.03
DTB (ft) 15
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
12:44	150	7.15	14.51	2.73	900	6.77	4.3	18.6	
12:48	200	7.22	14.16	0.64	906	6.78	20.2	9.2	
12:52	200	7.23	14.18	0.45	907	6.79	32.5	7.56	
12:56	200	7.24	14.21	0.36	908	6.78	40.8	6.78	
13:02	200	7.23	14.16	0.27	909	6.78	49.3	5.67	
13:06	200	7.23	14.17	0.24	908	6.78	55.3	3.54	
13:10	200	7.23	14.18	0.24	909	6.78	59.8	4.13	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-29S-20230321
12:43
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(15 feet - 7.03 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-29TZ
Screen Interval (ft) 26 to 31
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 7.22
DTB (ft) 31
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:19	100	7.16	15.34	1.23	379	6.61	-101.4	8.01	
11:24	100	7.28	15.32	1.02	378	6.61	-89.7	2.9	
11:27	100	7.28	15.42	0.84	376	6.61	-83.6	2.01	
11:32	100	7.29	15.38	0.66	376	6.61	-78.5	1.98	
11:36	100	7.29	15.48	0.56	376	6.61	-79.8	1.5	
11:39	100	7.4	15.59	0.53	376	6.61	-78.7	2.3	
11:43	100	7.3	15.58	0.54	376	6.6	-76.3	2.34	
11:47	100	7.3	15.59	0.53	376	6.61	-78.6	2.6	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-29TZ-20230321
11:09
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(31 feet - 7.22 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-2BR
Screen Interval (ft) 55 to 60
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 10.42
DTB (ft) 80
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:29	100	10.56	17.37	3.2	585	9.27	-136.8	21.8	
15:33	100	10.58	17.25	1.15	589	9.26	-142.3	2.49	
15:37	100	10.51	17.2	1.16	591	9.27	-141.7	7.31	
15:41	100	10.63	17.18	1.17	591	9.27	-139.2	5.9	
15:44	100	10.67	17.18	1.18	591	9.26	-140.3	6.3	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-2BR-20230321
15:28
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(80 feet - 10.42 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-2TZ
Screen Interval (ft) 27 to 32
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 10.14
DTB (ft) 32
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:33	100	10.14	17.21	6.56	465	7.58	11.2	14.3	
14:36	100	10.28	16.95	5.07	464	7.58	13.7	9.46	
14:39	100	10.29	16.9	4.73	463	7.58	12.3	7.35	
14:43	100	10.31	16.8	4.5	464	7.55	-10.5	6.78	
14:48	100	10.3	16.75	4.16	464	7.5	-89.9	7.75	
14:52	100	10.3	16.5	4.13	472	7.4	-91.2	5.75	
14:56	100	10.31	16.5	4.15	473	7.5	-91.8	6.76	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-2TZ-20230321
14:31
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(32 feet - 10.14 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-34BR
Screen Interval (ft) 103 to 108
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 11.99
DTB (ft) 111
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:48	150	11.99	15.49	2.08	697	9.4	-288	5	
9:52	100	12.01	15.85	1.15	696	9.49	-299	3.9	
9:54	100	12.11	15.82	1.05	695	9.49	-302	3.7	
9:57	100	12.23	16.11	0.95	693	9.51	-303	1.2	
10:00	100	12.23	16.24	0.86	695	9.51	-303.8	0.29	
10:04	100	12.29	16.27	0.79	693	9.52	-303	1.6	
10:06	100	12.29	16.24	0.77	690	9.52	-305	1.8	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-34BR-20230321
09:18
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(111 feet - 11.99 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-36TZ
Screen Interval (ft) 40 to 45
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.1
DTB (ft) 49
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*

Stabilization Criteria	*EPA Region 4*	*ASTM D 6771-02*
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
DUP-01-20230321
11:07
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(49 feet - 8.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-15
Screen Interval (ft) 50 to 55
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.4
DTB (ft) 58
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:45	120	8.5	16.43	4.53	0.127	5.55	115.5	0.02	
15:48	120	8.54	16.38	4.26	0.127	5.51	122.9	0.02	
15:51	120	8.56	16.35	4.09	0.126	5.49	128.2	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-15-20230321
15:29
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(58 feet - 8.4 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-36S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.3
DTB (ft) 24
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:53	100	8.45	14.06	0.6	0.486	5.9	-30.1	7.3	
9:56	100	8.47	14.14	0.54	0.481	5.73	-31.6	6	
9:58	100	8.47	14.3	0.53	0.476	5.84	-39.9	5.3	
10:01	100	8.48	14.25	0.45	0.465	5.91	-46.4	5.2	
10:06	100	8.47	14.4	0.33	0.448	6.07	-55.6	4.54	
10:09	100	8.47	14.28	0.32	0.449	6.09	-58.6	5.24	
10:11	100	8.47	14.22	0.29	0.449	6.11	-60.5	4.89	
10:14	100	8.47	14.24	0.29	0.447	6.12	-61.6	4.49	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-36S-20230321
09:26
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(24 feet - 8.3 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-36TZ
Screen Interval (ft) 40 to 45
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.1
DTB (ft) 49
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:28	100	8.15	16.7	3.56	0.14	5.59	63.3	0.9	
11:31	100	8.1	16.63	2.95	0.136	5.5	71.4	0.96	
11:36	100	8.13	16.7	2.61	0.136	5.49	84.3	0.12	
11:40	100	8.12	16.67	2.55	0.136	5.49	91.4	0.09	
11:45	100	8.14	16.67	2.47	0.136	5.48	98.8	0.02	
11:48	100	8.12	16.71	2.39	0.135	5.49	102.49	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-36TZ-20230321
11:07
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(49 feet - 8.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-42BR
Screen Interval (ft) 72 to 77
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 7.58
DTB (ft) 80
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:13	110	7.75	17.78	2.16	0.149	6.92	76.2	1.28	
14:15	110	7.75	17.75	1.87	0.148	9.9	58.4	1.65	
14:18	110	7.76	17.6	1.65	0.147	6.88	9.4	1.46	
14:21	110	7.76	17.67	1.39	0.148	6.88	-13.1	0.55	
14:24	110	7.77	17.64	1.05	0.145	6.9	-45.5	0.74	
14:28	110	7.77	17.88	0.71	0.144	6.91	-68.4	0.47	
14:33	110	7.79	17.91	0.61	0.145	6.91	-76.9	0.47	
14:37	110	7.78	17.79	0.57	0.144	6.91	-80.1	0.56	
14:40	110	7.77	17.75	0.55	0.143	6.89	-82.5	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-42BR-20230321
13:53
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(80 feet - 7.58 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: ko

Well ID: MW-36BR
Screen Interval (ft) 63 to 68
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.09
DTB (ft) 71
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:56	120	8.11	11.78	8.4	278	7.24	191.8	5.48	
10:06	120	8.19	12.25	6.54	277	7.24	189.9	4.21	
10:09	120	8.2	12.23	5.45	278	7.18	188.8	3.44	
10:13	120	8.2	12.54	4.58	277	7.17	187.1	3	
10:17	120	8.23	13.07	4.05	275	7.18	187.9	3	
10:21	120	8.23	13.25	4.58	275	7.13	188.3	3	
10:25	120	8.23	13.46	4.56	275	7.1	187.5	3	
10:29	120	8.23	13.44	2.33	276	6.94	187.2	3	
10:30	120	8.23	13.54	2.25	276	6.92	187.2	3	
10:32	120	8.24	13.64	1.96	276	6.89	185.4	3	
10:37	120	8.23	13.65	1.85	276	6.89	184.9	3	
10:39	120	8.23	13.61	1.8	277	6.88	184.4	3	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-36BR-20230321
09:45
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(71 feet - 8.09 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: ko

Well ID: MW-42S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.58
DTB (ft) 23
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:35	130	8.71	15.01	4.58	122	5.29	210.8	2.23	
11:38	130	8.71	14.94	3.95	119	5.1	224	1.21	
11:42	130	8.73	14.95	3.66	117	5.06	225.9	1.21	
11:45	130	8.73	15.01	3.54	116	5.04	227.4	1.19	
11:51	130	8.72	15.09	3.38	119	5	235.4	1.19	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-42S-20230321
11:18
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(23 feet - 8.58 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: ko

Well ID: MW-42TZ
Screen Interval (ft) 50 to 55
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
Water Quality Meter Model #: 210221688 YSI

DTW (ft) 8.35
DTB (ft) 58
Depth To Product (ft)
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:52	150	8.52	16.2	8.63	134	6.41	178.7	1.1	
13:55	150	8.52	16.13	7.68	133	6.23	180.4	1	
13:57	150	8.52	16.04	6.06	132	5.94	183.2	0.91	
14:04	150	8.52	15.9	5.52	132	5.84	184.3	0.95	
14:07	150	8.52	15.81	5.1	132	5.8	183.8	0.95	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-42TZ-20230321
13:31
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(58 feet - 8.35 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: EMurawski

Well ID: MW-29BR
Screen Interval (ft) 81 to 86
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 7.77
DTB (ft) 89
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:51	196	8.25	17.42	1.18	316	9.31	-108.7	14.3	
14:00	110	8.41	17.33	0.58	311	9.33	-128.5	37.4	
14:04	104	8.49	17.31	0.38	309	9.32	-139.1	87.3	
14:07	100	8.52	17.28	0.33	307	9.31	-144.9	9.1	
14:17	92	8.62	17.33	0.24	304	9.33	-150.9	125	
14:21	84	8.63	17.26	0.19	302	9.33	-155.9	89.1	
14:24	84	8.59	17.37	0.19	301	9.33	-159.1	6.62	
14:29	76	8.57	17.45	0.22	300	9.32	-159.8	98.1	
14:32	76	8.54	17.62	0.22	299	9.32	-159.4	43.9	
14:35	76	8.58	17.58	0.16	298	9.32	-159.4	58.8	
14:37	76	8.59	17.43	0.21	297	9.33	-159.7	53.9	
14:40	60	8.55	17.44	0.19	296	9.33	-160.3	55.8	Might be too
14:44	60	8.53	17.45	0.19	295	9.33	-160.8	41.5	
14:46	60	8.5	17.4	0.21	296	9.33	-161.8	34.2	
14:48	60	8.47	17.41	0.2	295	9.33	-162.3	1.15	
14:51	60	8.45	17.29	0.22	295	9.33	-162.1	1.72	
14:53	60	8.46	17.04	0.22	296	9.33	-162.4		

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-29BR-20230321
13:18
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(89 feet - 7.77 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: EMurawski

Well ID: MW-34S
Screen Interval (ft) 10 to 25
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 9.87
DTB (ft) 25
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:44	210	9.53	13.93	1.3	1288	6.67	-68.1	7	
9:48	210	9.55	14.09	1.2	1292	6.67	-54.7	6	
9:51	164	9.46	14.11	0.76	1296	6.67	-64.7	5	
9:55	168	9.45	14.1	0.81	1301	6.67	-72.7	5	
9:58	168	9.45	14.16	0.62	1302	6.66	-78.2	3	
10:01	178	9.45	14.16	0.74	1305	6.66	-81.2	3	
10:05	160	9.44	14.18	0.74	1304	6.66	-88.1	4	
10:08	160	9.44	14.17	0.56	1304	6.66	-80.2	3	
10:11	164	9.45	14.19	0.63	1304	6.67	-73.2	3	
10:14	164	9.45	14.25	0.6	1304	6.67	-74.5	3	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-34S-20230321
09:18
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(25 feet - 9.87 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-21

Project Number: FR7559C Phase/Task: 03/**** Personnel: EMurawski

Well ID: MW-34TZ
Screen Interval (ft) 40 to 50
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 10.56
DTB (ft) 54
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:13	152	10.79	17.2	0.55	393	6.27	-98.5	2	
11:17	136	10.79	17.01	0.3	370	6.16	-98.7	0.4	
11:21	114	10.78	16.98	0.24	375	6.1	-98.4	0.2	
11:24	114	10.79	16.92	0.21	394	6.11	-92.9	0.5	
11:27	114	10.79	16.92	0.21	405	6.11	-89.6	0	
11:29	114	10.79	16.98	0.21	412	6.11	-86.2	0	
11:31	116	10.79	17.1	0.19	418	6.12	-83.6	0	Turbidity 0.0
11:35	116	10.79	17.13	0.17	424	6.12	-81.3	0	Turbidity 0.0
11:37	116	10.79	17.27	0.17	427	6.13	-80.9	0	Turbidity 0.0
11:40	116	10.79	17.26	0.16	431	6.12	-79.5	0	Turbidity 0.0

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-34TZ-20230321
10:40
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(54 feet - 10.56 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-9R
Screen Interval (ft) 21 to 26
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.55
DTB (ft) 30
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*

Stabilization Criteria	*EPA Region 4*	*ASTM D 6771-02*
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
DUP-02-20230322
11:28
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(30 feet - 4.55 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-13R
Screen Interval (ft) 10 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.8
DTB (ft) 23
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:08	100	4.86	15.88	0.97	0.122	4.79	151.6	0.02	
15:11	100	4.86	15.99	0.83	0.121	4.72	161.4	0.02	
15:15	100	4.86	16.11	0.7	0.121	4.7	168.8	0.02	
15:18	100	16.86	16.21	0.67	0.121	4.7	173.1	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-13R-20230322
15:25
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(23 feet - 4.8 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-37BR
Screen Interval (ft) 111 to 116
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 10.02
DTB (ft) 119
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:31	100	10.86	16.9	1.13	0.238	7.02	-104.5	0.02	
13:36	100	10.96	16.16	0.68	0.243	6.99	-113.2	2.86	
13:40	100	11.04	16.13	0.63	0.26	7.01	-118.4	0.02	
13:42	100	11.08	16.21	0.58	0.272	7.02	-121.5	0.02	
13:45	100	11.13	16.23	0.54	0.292	7.03	-124.7	0.02	
13:48	100	11.14	16.25	0.51	0.309	7.04	-128.3	0.02	
13:53	100	11.18	16.28	0.36	0.327	7.05	-129.8	0.02	
13:57	100	11.18	16.29	0.24	0.329	7.05	-128.7	0.02	
14:00	100	11.18	16.38	0.29	0.325	7.05	-128.4	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-37BR-20230322
14:08
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(119 feet - 10.02 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-41BR
Screen Interval (ft) 80 to 90
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 1.55
DTB (ft) 99
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:13	120	2.97	14.58	1.86	0.801	7.87	-163.9	8.71	
9:17	120	3.5	14.55	0.85	0.805	7.9	-169.2	94.3	
9:20	100	3.95	14.5	0.67	0.806	7.91	-169	10.2	
9:23	100	4.52	14.42	0.61	0.809	7.91	-171.4	18	
9:26	100	5.16	14.46	0.47	0.81	7.92	-172.4	13.9	
9:29	100	5.9	14.55	0.34	0.808	7.93	-171.1	4.69	
9:32	100	6.35	0.802	0.28	0.802	7.92	-175	0.02	
9:35	100	6.98	14.77	0.23	0.794	7.9	-181	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-41BR-20230322
09:40
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(99 feet - 1.55 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-9R
Screen Interval (ft) 21 to 26
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.55
DTB (ft) 30
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:51	100	4.63	13.81	1.45	0.142	5.47	53.5	0.02	
10:54	100	4.64	13.95	1.27	0.138	5.45	64.2	0.02	
10:59	100	4.64	14.17	1.12	0.132	5.4	75.8	0.08	
11:02	100	4.64	14.27	1.06	0.13	5.38	81.3	1.16	
11:05	100	6.46	14.42	1	0.128	5.37	85.1	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-9R-20230322
11:10
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(30 feet - 4.55 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: KO

Well ID: MW-26
Screen Interval (ft) 45 to 55
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.94
DTB (ft) 58
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:13	140	5.6	13.21	2.11	1388	11.72	-93.3	12.2	
15:18	125	5.71	13.45	1.93	1383	11.75	-86.8	12.1	
15:21	125	5.73	13.53	1.82	1360	11.77	-83.3	8.08	
15:24	125	5.74	13.59	1.75	1354	11.78	-81.4	9.6	
15:29	125	5.76	13.67	1.61	1365	11.78	-77.6	9	
15:32	125	5.79	13.73	1.53	1372	11.78	-75.9	9	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-26-20230322
14:48
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(58 feet - 4.94 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: KO

Well ID: MW-28
Screen Interval (ft) 35 to 45
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 5.75
DTB (ft) 45
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:59	160	5.95	11.59	11.75	177	6.81	232.7	6.21	
11:04	140	6.41	12.21	11.16	174	6.58	236.3	5	
11:07	140	6.52	12.34	11.02	175	6.53	237.7	4.96	
11:11	140	6.7	12.41	10.79	176	6.47	238	5.1	
11:14	140	6.83	12.53	10.64	175	6.48	237.6	5.5	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-28-20230322
10:39
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(45 feet - 5.75 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: KO

Well ID: MW-41TZ
Screen Interval (ft) 45 to 55
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 1.32
DTB (ft) 55
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:16	105	2.38	11.99	11.63	411	11.12	116	6.57	
9:19	105	3	12.14	9.06	411	11.15	103.3	7	
9:22	105	3.5	12.21	8.15	407	11.16	99.6	7.13	
9:26	105	4.12	12.22	7.49	433	11.17	100.9	7	
9:29	105	4.68	12.1	7.35	435	11.17	103.1	6.85	
9:32	105	5.2	12.24	7.33	437	11.17	106.6	6.5	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-41TZ-20230322
08:52
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(55 feet - 1.32 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: KO

Well ID: MW-7R
Screen Interval (ft) 5 to 15
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.1
DTB (ft) 15
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:20	170	4.22	11.17	3.5	183	6.16	21.5	42.9	
13:23	170	4.22	11.52	2.51	184	6.19	13.3	37.8	
13:26	170	4.22	11.79	1.88	188	6.19	12.4	31.7	
13:29	170	4.22	11.89	1.77	192	6.19	-5.1	29.3	
13:32	170	4.22	11.93	1.43	198	6.19	-14.1	27.9	
13:36	170	4.22	11.97	1.39	200	6.19	-28	23.9	
13:39	170	4.22	11.99	1.38	201	6.17	-29	23.8	
13:43	170	4.22	12.05	1.25	201	6.17	-29	23.9	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-7R-20230322
13:09
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(15 feet - 4.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-18
Screen Interval (ft) 9.5 to 24.5
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 12.98
DTB (ft) 25
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:26	124	13.03	14.02	1.95	301	6.2	-42.5	9.51	
11:30	132	13.03	14.06	1.56	302	6.21	-48.2	6.7	Orange flocs
11:33	124	13.04	14.26	1.17	302	6.2	-44.3	6.12	
11:35	124	13.06	14.39	1.08	302	6.2	-53.5	4.68	
11:38	124	13.06	14.45	1.03	302	6.19	-51.5	3.99	
11:40	124	13.07	14.5	0.97	303	6.19	-56.2	3.84	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-18-20230322
10:58
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(25 feet - 12.98 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-37S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft) 15
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 8.34
DTB (ft) 20
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:29	122	8.4	14.57	2.33	196	5.85	165.8	4.56	
15:37	122	8.4	14.61	2.26	195	5.77	181.7	4.93	
15:40	122	8.4	14.64	2.23	194	5.75	186.3	4.55	
15:41	122	8.4	14.65	2.11	193	5.73	189.9	4.71	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-37S-20230322
15:14
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(20 feet - 8.34 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-37TZ
Screen Interval (ft) 65 to 70
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 9.1
DTB (ft) 70
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:01	80	11.01	13.97	1.44	525	7.88	-35.2	5.21	Was having a
14:07	100	11.51	14.35	0.77	525	7.87	-50.1	5.91	
14:10	80	11.9	14.65	1.01	525	7.87	-59.3	7.52	
14:13	84	12.24	14.74	0.82	526	7.87	-85.5	28.8	
14:16	84	12.47	14.84	0.76	525	7.86	-93.3	5.68	
14:18	92	12.85	14.95	0.82	526	7.86	-96.7	4.14	
14:21	92	13.11	15.06	0.74	526	7.86	-103.7	4.17	
14:24	92	13.38	15.16	0.7	525	7.86	-104	3.95	
14:25	92	13.59	15.21	0.66	526	7.86	-105.4	3.8	
14:28	92	13.93	15.33	0.55	526	7.86	-107.4	3.05	
14:30	92	14.18	15.45	0.47	526	7.86	-107.1	2.52	
14:32	92	14.42	15.52	0.47	526	7.86	-107.1	3.03	
14:34	92	14.63	15.57	0.45	526	7.86	-107.8	3.17	
14:37	92	14.99	15.66	0.45	526	7.86	-107.6	2.75	
14:39	92	15.19	15.69	0.49	525	7.87	-107.9	2.71	
14:40	92	15.38	15.74	0.44	526	7.87	-113.2	2.96	
14:42	92	15.6	15.8	0.41	525	7.86	-114.9	2.54	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-37TZ-20230322
13:01
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(70 feet - 9.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-41S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft) 12.5
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 1.55
DTB (ft) 20
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:13	104	1.69	13.68	1.66	134	5.55	335.2	2.91	
9:18	104	1.73	13.84	1.03	135	5.57	329.3	2.74	
9:20	116	1.71	14.15	1.32	134	5.58	320.5	3.6	
9:24	104	1.73	14.16	0.98	134	5.56	315.4	2.35	
9:28	104	1.73	14.2	0.8	135	5.56	312	2.93	
9:29	104	1.75	14.3	0.76	134	5.58	307.5	2.15	
9:31	104	1.76	14.45	0.81	133	5.58	303.5	2.45	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-41S-20230322
09:06
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(20 feet - 1.55 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-16
Screen Interval (ft) 5 to 15
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 8.9
DTB (ft) 16
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:15	100	8.92	14.74	1.77	872	6.36	-35.1	67.1	
15:18	100	8.95	14.73	0.99	880	6.37	-29.4	50.1	
15:21	150	8.95	14.78	0.76	885	6.37	-25.9	45.3	
15:25	150	8.95	14.84	0.5	893	6.38	-15.8	36.9	
15:28	150	8.96	14.83	0.4	894	6.38	-12.9	19.4	
15:31	150	8.95	14.82	0.41	897	6.38	-19.3	11.6	
15:34	150	8.95	14.82	0.4	898	6.39	-18.4	9.6	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-16-20230322
15:14
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(16 feet - 8.9 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-25R
Screen Interval (ft) 1.6 to 16.6
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 2.41
DTB (ft) 17
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
8:47	100	8.5	15.18	6.39	192	5.97	-10.2	23.7	
8:54	100	2.51	15.01	1.47	199	5.97	-20.2	63	
8:57	150	2.59	15.45	1.01	199	5.97	-31.5	43	
9:00	150	2.65	15.5	0.84	199	5.97	-32.9	43	Floating part
9:03	150	2.65	15.66	0.74	198	5.98	-32	43	
9:07	150	2.65	15.68	0.73	198	5.98	-32.2	59	Floating soli
9:10	150	2.65	15.68	0.74	199	5.97	-32.3	62	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-25R-20230322
08:44
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(17 feet - 2.41 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-44BR
Screen Interval (ft) 50 to 60
Pump/Tubing Setting (ft) 55
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 15.14
DTB (ft) 59
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
12:03	150	15.39	14.21	8.01	86	5.78	198.2	3.8	
12:06	100	15.41	14.45	5.14	144	8.95	90.5	4.29	
12:09	100	15.39	14.64	3.04	157	8.05	125.2	3.97	
12:12	100	15.39	14.73	2.57	185	9.16	91.7	1.8	
12:15	100	15.4	14.95	1.85	198	9.81	49.5	3.84	
12:18	100	15.4	15.16	1.31	218	10.03	32.2	3.16	
12:24	100	15.46	15.15	1.41	221	10.01	31	3.1	
12:28	100	15.45	15.16	143.3	223	10	33.7	3.6	
12:31	100	15.46	15.17	143.7	222	10.02	34.1	1.9	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-44BR-20230322
12:02
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(59 feet - 15.14 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-22

Project Number: FR7559C Phase/Task: 03/**** Personnel: John Trotter

Well ID: MW-44TZ
Screen Interval (ft) 20 to 25
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in)
DTW (ft) 15.85
DTB (ft) 25
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:00	150	15.87	14.64	7.65	49	5.42	175.6	3.3	
11:05	200	15.87	15	6.21	52	5.31	185.9	1	
11:08	250	15.88	15.44	5.6	52	5.31	197.9	1.7	
11:11	250	15.88	15.64	5.37	51	5.3	212.7	1.4	
11:14	250	15.89	15.67	5.22	51	5.29	222.1	1.4	
11:17	250	15.89	15.67	5.27	52	5.3	226.1	1.3	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-44TZ-20230322
10:56
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(25 feet - 15.85 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-35BR
Screen Interval (ft) 140 to 150
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 3.09
DTB (ft) 153
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
12:13	100	2.66	18.19	9.65	291	7.76	-145.9	3.9	Water level r
12:17	100	3.03	17.52	2.01	558	7.8	-161.8	3.1	
12:21	100	3.63	17.6	1.26	561	7.82	-169.4	1.4	
12:25	100	4.51	17.78	0.99	560	7.87	-180.3	1	
12:28	100	5.07	17.76	0.89	560	7.87	-176.7	0.97	
12:32	100	5.79	17.85	0.78	558	7.87	-187.4	0.89	
12:37	100	6.68	17.86	0.78	556	7.86	-191.7	0.83	
12:39	100	7.15	17.87	0.76	554	7.86	-192.4	0.87	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-35BR-20230323
12:12
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(153 feet - 3.09 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-35S
Screen Interval (ft) 5 to 15
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.11
DTB (ft) 17
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:55	100	4.34	14.55	9.18	182	5.93	160.3	93	
10:58	200	4.33	14.51	8.17	183	5.93	176.2	58	Floating soli
11:01	200	4.33	14.28	7.54	182	5.89	185.1	23.6	
11:05	200	4.33	14.21	7.53	182	7.57	191.3	8.86	
11:08	200	4.33	14.14	8.24	182	5.89	196.9	6.54	
11:11	200	4.37	14.13	6.99	182	5.9	200.8	5.3	
11:14	200	4.37	14.14	7.45	182	5.99	204	3.55	
11:17	200	4.37	14.15	7.34	182	5.95	204.7	3.55	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-35S-20230323
10:53
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(17 feet - 4.11 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-35TZ
Screen Interval (ft) 30 to 35
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.67
DTB (ft) 35
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:41	100	4.7	16.62	14.45	209	7.08	238.7		
9:46	100	4.99	15.62	6.24	237	7.06	240.8	5.45	
9:49	100	5.47	15.79	4.87	236	6.99	244	4.67	
9:55	100	6.04	15.83	4.52	233	7.01	209.8	3.87	
9:59	100	6.35	15.89	4.32	232	7.01	189.7	3.4	
10:05	100	6.77	16.05	3.83	232	6.99	71.4	3.6	
10:08	100	6.91	16.1	3.95	233	6.98	45.3	3.1	
10:11	100	7.08	16.22	4	233	6.94	14.2	2.93	
10:14	100	7.18	16.21	4.06	232	6.91	14.1	1.1	
10:17	100	7.28	16.22	4.09	232	6.93	14	0.78	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-35TZ-20230323
09:39
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(35 feet - 4.67 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-3BR
Screen Interval (ft) 59.5 to 64.5
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 10.5
DTB (ft) 67
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:21	100	10.65	19.78	6.93	359	9.32	-131.5	3.6	
14:26	100	11.01	19.23	1.9	349	9.34	-138.8	2.8	
14:29	100	11.5	18.26	0.85	350	9.36	-152.6	1.31	
14:32	100	11.88	18.31	0.59	347	9.36	-144.9	1.34	
14:35	100	12.28	18.14	0.69	347	9.35	-149.9	1.65	
14:40	100	12.84	18.27	0.52	346	9.36	-154.7	3.6	
14:43	100	13.02	18.29	0.57	346	9.36	-148.6	2.1	
14:46	100	13.2	18.29	0.66	346	9.35	-147.7	2.1	
14:49	100	13.38	18.3	0.65	346	9.36	-146.1	2.1	
14:53	100	13.75	18.31	0.65	347	9.35	-145.9	1.9	
14:57	100	13.98	18.31	0.64	347	9.35	-145.1	1.6	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-3BR-20230323
14:19
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(67 feet - 10.5 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-48TZ
Screen Interval (ft) 45 to 55
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 11.45
DTB (ft) 55
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
DUP-03-20230323
11:15
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(55 feet - 11.45 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-30S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 12.8
DTB (ft) 20
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:52	100	12.8	15.97	3.63	0.035	6.11	33.5	15.7	Tagged well b
13:56	100	12.85	15.44	1	0.038	5.96	40.7	8.55	
13:59	100	12.85	15.27	0.97	0.04	5.96	32.8	5.67	
14:02	100	12.85	15.35	0.93	0.04	5.98	28.8	5.48	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-30S-20230323
14:10
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(20 feet - 12.8 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-30TZ
Screen Interval (ft) 35 to 40
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 13.35
DTB (ft) 40
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:37	100	14	16.92	8.15	0.211	6.67	72.5	8.32	
14:40	100	14.28	16.79	7.14	0.212	6.62	77.6	1.42	
14:43	100	14.5	16.84	6.77	0.211	6.62	80.6	1.45	
14:46	100	14.65	16.9	6.59	0.211	6.62	82.6	1.34	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-30TZ-20230323
14:55
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(40 feet - 13.35 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-33TZ
Screen Interval (ft) 35 to 40
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 10.9
DTB (ft) 40
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:29	100	11.76	16.74	5.83	0.287	7.29	-97	34.4	
9:32	100	12.2	16.88	1.65	0.282	7.21	-76.8	10	
9:35	100	12.45	16.91	0.91	0.279	7.16	-67.6	7.37	
9:38	100	12.74	16.91	0.57	0.274	7.15	-61.1	5.99	
9:41	100	13.1	17.05	0.36	0.269	7.12	-51.5	4.54	
9:44	100	13.3	17.1	0.31	0.266	7.11	-46.1	5.41	
9:47	100	13.57	17.13	0.28	0.263	7.09	-40.6	3.65	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-33TZ-20230323
09:55
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(40 feet - 10.9 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-48TZ
Screen Interval (ft) 45 to 55
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 11.45
DTB (ft) 55
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:37	100	13	17.2	0.53	0.162	7.25	-80.3	0.39	
10:42	100	13.6	17.06	0.44	0.19	7.23	-80.2	0.25	
10:45	100	14.05	17.1	0.39	0.096	7.23	-80.4	0.02	
10:48	100	14.47	17.12	0.34	0.189	7.22	-79.9	0.03	
10:50	100	14.9	17.16	0.28	0.19	7.22	-80.4	0.02	
10:53	100	15.25	17.16	0.28	0.19	7.21	-80.9	0.17	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-48TZ-20230323
11:00
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(55 feet - 11.45 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Kolver

Well ID: MW-20
Screen Interval (ft) 20 to 25
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 9.89
DTB (ft) 26
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:49	130	10.16	15.53	1.34	233	6.31	-77.8	0.37	
14:54	130	10.19	15.36	1.2	232	6.25	-78.5	0.4	
14:57	130	10.2	15.23	1.22	232	6.22	-78.6	0.4	
14:59	130	10.21	15.28	1.11	232	6.2	-76.8	0.42	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-20-20230323
14:33
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(26 feet - 9.89 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Kolver

Well ID: MW-3
Screen Interval (ft) 9 to 14
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 9.74
DTB (ft) 14
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:46	100	9.77	15.63	5.14	714	6.51	-68.7	14.1	
13:49	100	9.77	15.37	2.66	717	6.5	-66.2	11.6	
13:52	100	9.77	15.2	1.93	718	6.46	-63.4	10.6	
13:55	100	9.77	15.04	1.71	719	6.44	-64	7.5	
13:58	100	9.77	15.04	1.5	719	6.4	-65.8	7.5	
14:01	100	9.77	14.79	1.36	722	6.4	-65.8	7.4	
14:04	100	9.77	14.66	1.32	722	6.4	-66	7.49	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-3-20230323
13:31
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(14 feet - 9.74 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Kolver

Well ID: MW-33S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 11.6
DTB (ft) 20
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:31	110	11.64	13.57	2.41	617	6.48	20.9	1.34	
9:35	120	11.65	13.39	2.13	617	6.47	18.3	0.64	
9:38	120	11.65	13.38	1.86	616	6.47	13.2	0.19	
9:42	120	120	13.48	1.49	616	6.46	14	0.3	
9:46	120	11.65	13.57	1.46	618	6.46	7.7	0.4	
9:48	120	11.65	13.57	1.41	618	6.46	6.7	0.4	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-33S-20230323
09:16
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(20 feet - 11.6 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Kolver

Well ID: MW-48S
Screen Interval (ft) 15 to 30
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 12.02
DTB (ft) 31
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:38	150	12.18	13.93	6.4	852	6.61	16.4	2.57	
10:42	150	12.18	13.92	5.41	856	6.6	19.1	2.83	
10:45	150	12.18	13.95	4.9	860	6.57	24.2	1.65	
10:48	150	12.18	13.94	4.35	865	6.54	27.7	1.6	
10:51	150	12.18	13.95	3.91	871	6.52	29.8	1.6	
10:54	150	12.18	13.93	3.46	876	6.5	32	1.61	
10:57	150	12.18	13.98	3.15	879	6.48	34.2	1.62	
11:00	150	12.18	14.01	2.98	882	6.47	36	1.62	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-48S-20230323
10:18
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(31 feet - 12.02 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-27
Screen Interval (ft) 25 to 35
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.66
DTB (ft) 39
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:16	132	4.7	15.7	2.32	64	5.26	339.5	1.97	
9:22	120	4.7	15.81	1.78	64	5.27	338.5	1.95	
9:24	128	4.7	15.9	1.45	64	5.28	334.3	1.88	
9:27	132	4.7	16.01	1.4	63	5.27	328.2	1.31	
9:29	132	4.7	16.05	1.35	63	5.26	324.3	1.47	
9:31	132	4.7	16.08	1.39	63	5.26	322.6	1.16	
9:33	132	4.7	16.11	1.39	63	5.25	320.4	1.47	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-27-20230323
08:48
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(39 feet - 4.66 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-43BR
Screen Interval (ft) 110 to 115
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 7.86
DTB (ft) 113
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:08	106	10.55	17.46	0.33	288	8.01	-215.1	6.71	
11:11	106	10.99	17.45	0.29	288	8.01	-218.3	5.77	
11:13	106	11.3	17.49	0.26	289	8.01	-220.7	6.27	
11:15	106	11.61	17.54	0.28	289	8.01	-222.7	5.26	
11:17	106	12.01	17.63	0.26	289	8.01	-224.6	5.77	
11:19	106	12.31	17.69	0.26	289	8.01	-225.7	4.41	
11:21	106	12.6	17.74	0.24	289	8.01	-227	4.77	
11:23	106	12.89	17.73	0.23	289	8.01	-228.9	4.31	
11:28	106	13.7	17.98	0.19	289	8.01	-216.7	4.65	
11:33	106	14.56	18.06	0.2	288	8.02	-227.4	5.07	
11:36	106	15.63	18.31	0.19	288	7.99	-232	4.76	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-43BR-20230323
10:14
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(113 feet - 7.86 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(0 gal/ft x 120 ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-43S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 6.93
DTB (ft) 24
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:43		6.94							
13:47	120	6.96	17.13	0.52	368	6.43	-69	32.3	
13:53	124	6.96	17.2	0.21	363	6.46	-70.8	22.3	
13:56	128	6.96	16.79	0.17	369	6.46	-70.6	22.1	
13:59	134	6.96	16.77	0.2	368	6.47	-70.9	18.8	
14:02	138	6.96	16.76	0.19	368	6.47	-70.5	16.7	
14:06	128	6.96	16.78	0.15	368	6.47	-70.9	16.4	
14:09	128	6.96	16.86	0.17	368	6.47	-71.5	14.8	
14:12	128	6.96	16.89	0.16	369	6.47	-71.4	14.1	
14:15	128	6.96	16.84	0.1	368	6.47	-71.2	12.7	
14:18	128	6.96	16.7	0.09	367	6.47	-70.1	13.5	
14:21	128	6.96	16.79	0.15	367	6.47	-70.7	16.1	Pull tubing u
14:24	128	6.96	16.81	0.13	364	6.47	-69.4	13.6	
14:27	128	6.96	16.81	0.12	365	6.47	-70.1	15.6	
14:30	128	6.96	16.67	0.1	364	6.47	-70.2	13.6	
14:33	128	6.96	16.83	0.13	363	6.47	-69.8	12.1	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-43S-20230323
14:35
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(24 feet - 6.93 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-23

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-43TZ
Screen Interval (ft) 61 to 71
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 7.26
DTB (ft) 75
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
15:08		7.24							
15:12	108	7.39	17.93	3.12	109	6.23	100.9	7.48	
15:15	104	7.38	18.01	1.12	104	6.1	118.6	2.94	
15:19	104	7.38	17.97	0.77	102	6.06	123.3	2.85	
15:22	104	7.38	17.82	0.57	103	6.05	127.2	2.62	
15:25	120	7.39	17.89	0.38	102	6.05	130	2.47	
15:28	120	7.39	17.86	0.34	102	6.04	131.5	2.48	
15:31	118	7.38	18.11	0.35	100	6.04	124.6	2.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-43TZ-20230323
14:45
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(75 feet - 7.26 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-31TZ
Screen Interval (ft) 28 to 38
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 14
DTB (ft) 39
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:26	100	14.28	16.82	0.298	0.298	6.17	24.3	3.17	
9:29	100	14.28	16.84	1.28	0.302	6.14	20.3	1.88	
9:32	100	14.28	16.82	0.87	0.308	6.12	19.2	0.45	
9:35	100	14.28	16.85	0.68	0.311	6.13	14	0.32	
9:38	100	14.28	16.89	0.6	0.312	6.14	11	0.47	
9:40	100	14.28	16.93	0.56	0.313	6.14	9	0.18	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-31TZ-20230324
09:50
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(39 feet - 14 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-32S
Screen Interval (ft) 20 to 35
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 13.95
DTB (ft) 35
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:42	100	13.3	16.95	2.61	0.04	5.52	116.3	0.27	
10:45	100	13.35	16.96	1.11	0.04	5.43	130.8	0.55	
10:48	100	13.35	16.93	0.85	0.04	5.4	135.9	0.56	
10:51	100	13.35	16.93	0.69	0.04	5.35	141.9	0.27	
10:54	100	13.37	16.9	0.58	0.04	5.37	143.7	0.53	
10:57	100	13.37	16.92	0.5	0.04	5.36	146.7	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-32S-20230324
11:05
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(35 feet - 13.95 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-50TZ
Screen Interval (ft) 29 to 34
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 2.5
DTB (ft) 34
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:16	120	2.5	19.2	4.09	0.158	5.63	126.4	0.07	
14:19	120	2.5	18.64	3.48	0.157	5.45	142.9	0.02	
14:22	120	2.5	18.52	3.49	0.155	4.94	176.5	0.02	
14:25	120	2.5	18.49	3.42	0.151	4.99	172.3	0.02	
14:28	120	2.5	18.35	3.55	0.148	5.07	168.5	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-50TZ-20230324
14:35
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(34 feet - 2.5 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: kolver

Well ID: MW-21BR
Screen Interval (ft) 37 to 42
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 9.1
DTB (ft) 44
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
14:01	150	9.32	16.01	5.82	404	7.08	98.6	2.95	
14:04	150	9.43	16.22	5.3	405	6.79	113.9	2.94	
14:07	150	9.43	16.09	5.18	404	6.83	113.6	2.9	
14:11	150	9.43	15.88	5.58	404	6.85	107.7	2.93	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-21BR-20230324
13:56
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(44 feet - 9.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel:

Well ID: MW-45BR
Screen Interval (ft) 80 to 90
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 11.18
DTB (ft) 94
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:13	125	12.62	14.3	2.59	825	10.52	-152.88	11.9	
9:17	120	13.59	14.27	2.49	830	10.59	-170.8	21.2	
9:21	120	13.97	14.31	2.23	832	10.8	-180.6	17.9	
9:24	120	15.22	14.41	2.04	834	11.03	-179.7	9.72	
9:29	120	15.71	14.4	1.98	834	11.06	-179.4	9.7	
9:32	120	16.45	14.52	1.89	838	11.09	-196.8	9.7	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-45BR-20230324
08:53
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(94 feet - 11.18 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: kolver

Well ID: MW-46BR
Screen Interval (ft) 170 to 180
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 4.83
DTB (ft) 183
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:57	120	5.99	15.1	2.08	250	8.24	-135.2	7.68	
11:00	120	6.68	14.96	1.57	247	8.02	-129.9	3.35	
11:04	120	7.24	15.15	1.33	248	8	-134.3	3.2	
11:07	120	7.76	15.14	1.24	247	8.1	-135.4	3.2	
11:11	120	8.21	15.15	1.16	245	8.11	-135.9	3.2	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-46BR-20230324
10:32
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(183 feet - 4.83 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-21BRL
Screen Interval (ft) 60 to 65
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 9.38
DTB (ft) 125
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:56	125	9.72	19.22	9.06	273	8.61	-75.7	7.98	
13:59	125	9.97	17.77	1.78	253	8.58	-96.8	1.24	
14:02	100	10.03	17.94	0.94	254	8.56	-104.1	1.54	
14:05	100	10.11	18.24	0.7	255	8.57	-111.3	1.23	
14:08	100	10.19	18.1	0.63	253	8.58	-113.4	1.26	
14:12	100	10.31	17.92	0.64	253	8.58	-114.7	1.33	
14:16	100	10.34	17.92	0.65	253	8.59	-116.2	1.11	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-21BRL-20230324
13:54
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(125 feet - 9.38 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-3BRL
Screen Interval (ft) 99 to 104
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 10.82
DTB (ft) 105
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
8:56	150	11.48	16.08	4.23	562	7.3	-214.4	0.85	
9:02	125	11.71	16.12	1.15	1104	7.85	-257.2	0.78	
9:06	125	11.65	16.26	0.89	1192	7.95	-271.2	1.02	
9:11	125	11.71	16.43	0.66	1240	8.01	-284.7	0.74	
9:14	125	11.74	16.52	0.57	1247	8.03	-290.8	0.67	
9:17	125	11.78	16.61	0.47	1249	8.03	-297.1	0.76	
9:22	125	11.79	16.59	0.47	1240	8.04	-291.4	0.73	
9:25	125	11.8	16.6	0.49	1240	8.05	-292.6	0.71	Slight odor

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-3BRL-20230324
08:54
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(105 feet - 10.82 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: JT

Well ID: MW-47BR
Screen Interval (ft) 110 to 120
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 12.47
DTB (ft) 123
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:41	200	12.15	18.76	11.45	1338	10.31	-288.2	2.6	
10:45	125	12.73	17.67	1.69	3301	11.7	-262.3	2.65	
10:48	125	13.15	17.64	1.1	3430	11.81	-245.2	2.32	
10:51	125	13.5	17.69	0.94	3488	11.86	-238.3	2.45	
10:55	125	13.81	17.82	0.91	3515	11.91	-232.5	2.34	
10:58	125	14.11	17.81	0.91	3537	11.94	-225.4	2.31	
11:02	125	14.55	17.8	0.89	3547	11.96	-223.5	1.91	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-47BR-20230324
10:39
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(123 feet - 12.47 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-31S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft) 17
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 13.63
DTB (ft) 20
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
DUP-04-20230324
09:50
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(20 feet - 13.63 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-31S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft) 17
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 13.63
DTB (ft) 20
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:23		13.68							
9:26	132	13.68	16.84	0.45	260	6.14	-45.9	5.47	
9:29	124	13.68	16.99	0.36	258	6.15	-55.2	3.24	
9:32	132	13.68	17.03	0.28	257	6.17	-61	2.23	
9:36	132	13.69	17.01	0.25	257	6.17	-63	2.11	
9:39	132	13.69	16.8	0.24	257	6.17	-65.2	3.68	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-31S-20230324
09:50
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(20 feet - 13.63 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-32TZ
Screen Interval (ft) 56 to 66
Pump/Tubing Setting (ft) 61
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 13.1
DTB (ft) 66
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:42		13.1							
10:47	120	13.11	16.75	1.65		5.91	97.6	11.7	
10:50	120	13.1	16.73	0.58	222	5.9	112.3	5.25	
10:53	120	13.11	16.83	0.4	236	5.93	119.4	4.53	
10:56	120	13.11	16.79	0.23	242	5.94	122.8	3.5	
10:59	120	13.11	16.88	0.3	247	5.96	125.5	2.8	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-32TZ-20230324
11:05
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(66 feet - 13.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-24

Project Number: FR7559C Phase/Task: 03/**** Personnel: Emurawski

Well ID: MW-50S
Screen Interval (ft) 5 to 15
Pump/Tubing Setting (ft) 10
Well Diameter (in) 2
Tubing Diameter (in) 0.2
DTW (ft) 3.94
DTB (ft) 15
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:49		3.83							
13:56	156	4.13	17.26	3.77	113	5.51	200.7	10.2	
13:59	100	4.07	17.66	3.6	113	5.5	204.7	3.73	
14:02	100	4.07	17.61	3.59	113	5.53	206.2	3.91	
14:05	100	4.09	17.68	3.63	113	5.53	207.4	2.52	
14:08	100	4.13	17.28	3.65	112	5.52	210	4.13	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-50S-20230324
14:15
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(15 feet - 3.94 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-27

Project Number: FR7559C Phase/Task: 03/**** Personnel: KOlver

Well ID: MW-21
Screen Interval (ft) 5 to 18
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 10.47
DTB (ft) 18
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:20	180	10.49	12.66	2.08	425	5.02	92.5	4.16	
9:25	180	10.49	12.64	2.07	426	5.23	59.2	4.1	
9:29	180	10.49	12.54	2.04	422	5.5	36.6	4.1	
9:32	180	10.49	12.51	2.05	423	5.54	14.6	4.09	
9:35	180	10.49	12.45	2.14	426	5.8	5.9	4.09	
9:37	180	10.49	12.42	2.03	423	5.87	-3.5	4.08	
9:40	180	10.49	12.43	2	424	5.8	-4.7	4.08	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-21-20230327
09:07
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(18 feet - 10.47 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-27

Project Number: FR7559C Phase/Task: 03/**** Personnel: KOlver

Well ID: MW-38BR
Screen Interval (ft) 42 to 47
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 3.98
DTB (ft) 30
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:30	125	4.33	14.89	6.41	298	7.33	192.8	0.23	
13:34	125	4.38	14.82	6.37	298	7.12	223.1	0.16	
13:38	125	4.38	14.53	6.27	298	7.04	245.5	0.13	
13:42	125	4.39	14.54	6.05	298	7.1	250.9	0.14	
13:45	125	4.43	14.5	5.9	298	7.15	253.6	0.13	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-38BR-20230327
13:17
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(30 feet - 3.98 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-27

Project Number: FR7559C Phase/Task: 03/**** Personnel: KOlver

Well ID: MW-38S
Screen Interval (ft) 5 to 20
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 4.02
DTB (ft) 23
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:48	170	4.06	12.71	1.84	213	5.77	96	83	
10:51	170	4.09	12.7	1.51	214	5.59	117.2	70.8	
10:54	170	4.06	12.69	1.29	211	4.74	142.7	59.9	
10:57	170	4.06	12.74	1.22	211	5.16	122.7	46.7	
11:01	170	4.06	12.79	1.15	213	5.44	105.6	40.5	
11:04	170	4.06	12.87	1.01	213	5.54	102.5	30.9	
11:07	170	4.06	12.92	1.01	214	5.6	100.1	29.7	
11:10	170	4.06	12.95	0.93	215	5.62	98.5	30.9	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-38S-20230327
10:40
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(23 feet - 4.02 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-27

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-1
Screen Interval (ft) 5 to 15
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 6
DTB (ft) 15
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:32	100	6	15.51	1.08	0.332	7.36	694.3	4.02	
9:36	100	6	15.53	0.66	0.332	7.25	690.5	1.27	
9:39	100	6	15.53	0.57	0.332	7.33	694.7	2.84	
9:42	100	6.02	15.56	0.52	0.332	7.35	694.4	2.17	
9:45	100	6.02	15.56	0.5	0.332	7.35	693.8	1.57	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-1-20230327
09:50
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(15 feet - 6 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-27

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-39BRL
Screen Interval (ft) 75 to 80
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
Water Quality Meter Model #: 210221688 YSI

DTW (ft) 12.05
DTB (ft) 80
Depth To Product (ft)
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
13:39	100	12.35	17.94	2.56	0.214	8.39	-29.3	0.2	
13:43	100	12.4	17.98	1.09	0.221	8.49	-55.2	0.98	
13:46	100	12.47	17.85	0.71	0.225	8.53	-67.2	0.12	
13:49	100	12.5	17.94	0.43	0.226	8.53	-73.9	2.28	
13:52	100	12.56	17.98	0.32	0.226	8.51	-79.5	0.02	
13:55	100	12.61	17.86	0.29	0.228	8.5	-86.9	0.31	
13:58	100	12.63	17.6	0.25	0.231	8.51	-96.1	1.42	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-39BRL-20230327
14:05
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(80 feet - 12.05 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-27

Project Number: FR7559C Phase/Task: 03/**** Personnel: Nsw

Well ID: MW-39S
Screen Interval (ft) 9 to 24
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 11.15
DTB (ft) 29
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
11:08	100	11.1	16.57	1.12	0.216	5.9	72.9	5.02	
11:11	100	11.1	16.52	0.66	0.214	5.86	80.1	0.02	
11:14	100	11.1	16.44	0.42	0.212	5.85	87.6	0.02	
11:17	100	11.1	16.49	0.34	0.213	5.85	93.2	0.02	
11:21	100	11.1	16.47	0.28	0.214	5.85	98.7	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-39S-20230327
11:28
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(29 feet - 11.15 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-28

Project Number: FR7559C Phase/Task: 03/**** Personnel: KOlver

Well ID: MW-22
Screen Interval (ft) 25 to 35
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 9.18
DTB (ft) 37
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:15	110	9.61	13.74	3.65	206	5.24	247.3	2.49	
9:19	110	9.62	13.85	3.31	205	5.22	248.5	2.1	
9:23	110	9.65	14.02	3.02	192	5.32	244.5	2.1	
9:27	110	9.65	14.11	2.78	190	5.37	242.3	2.1	
9:31	110	9.65	14.2	2.69	187	5.42	239.5	2.1	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-22-20230328
08:55
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(37 feet - 9.18 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-28

Project Number: FR7559C Phase/Task: 03/**** Personnel: KOlver

Well ID: MW-39BR
Screen Interval (ft) 45 to 50
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 10.51
DTB (ft) 53
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:26	105	11.26	12.96	9.02	344	6.88	190.5	7.19	
10:29	105	11.39	12.97	8.16	345	6.79	196.1	6.69	
10:32	105	11.45	13	8.09	346	6.71	197.6	3.59	
10:35	105	11.49	13.01	8.02	346	6.78	193.1	3.58	
10:37	105	11.54	13.05	7.81	346	6.83	189.1	3.1	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-39BR-20230328
10:11
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY
=(53 feet - 10.51 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME
=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-28

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-40BR
Screen Interval (ft) 65 to 75
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 11.1
DTB (ft) 80
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
9:23	100	11.1	16.64	3.66	0.342	6.58	690.6	1.19	
9:28	100	11.3	16.7	2.06	0.338	6.57	678.6	0.74	
9:31	100	11.4	16.78	1.22	0.335	6.54	672	0.22	
9:34	100	11.4	16.82	0.99	0.335	6.51	668.1	0.02	
9:37	100	11.42	16.86	0.76	0.336	6.47	662.7	0.49	
9:40	100	11.47	16.87	0.6	0.337	6.41	657.1	1.1	
9:43	100	11.49	16.92	0.5	0.337	6.39	655.3	0.73	
9:46	100	11.51	16.94	0.43	0.336	6.33	650.6	0.02	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-40BR-20230328
09:50
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(80 feet - 11.1 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-28

Project Number: FR7559C Phase/Task: 03/**** Personnel: NSW

Well ID: MW-5
Screen Interval (ft) 4 to 14
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 8.85
DTB (ft) 14
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
10:26	100	9.35	17.29	1.38	0.049	7.41	748.6	3.96	
10:29	100	9.65	17.07	0.43	0.046	7.52	750.2	4.55	
10:32	100	9.75	17.07	0.27	0.046	7.47	745.5	4.8	
10:35	100	9.75	17.04	0.24	0.052	7.55	747.5	4.66	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-05-20230328
10:45
VOCs, PAHs

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(14 feet - 8.85 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Geosyntec Consultants
Groundwater Sampling Log

Geosyntec consultants

Project Name: Bramlette MGP Site Location: Greenville SC Date: 2023-03-30

Project Number: FR7559C Phase/Task: 03/**** Personnel: KOlver

Well ID: MW-31TZ
Screen Interval (ft) 28 to 38
Pump/Tubing Setting (ft)
Well Diameter (in) 2
Tubing Diameter (in) 0.17
DTW (ft) 13.82
DTB (ft) 39
Depth To Product (ft)
Water Quality Meter Model #: 210221688 YSI
Measurement Location:

Time	*Purge Rate (mL/min)*	*DTW (ft)*	*Temp (°C)*	*DO (mg/L)*	*Specific Conductance (µS/cm)*	*pH (S.U.)*	*ORP (mV)*	*Turbidity (NTU)*	*Comments*
12:34	105	14.23	17.24	6.74	0.245	6.34	86.8	12.6	
12:37	105	14.23	17.12	6.05	0.244	5.99	100.5	6.8	
12:40	105	14.23	17.02	5.36	0.244	5.59	114.7	6.75	
12:42	105	14.23	17.07	5.1	0.243	5.58	113.4	6.75	
12:44	105	14.23	17.04	5.01	0.243	5.68	102.1	6.75	

Stabilization Criteria	***EPA Region 4***	***ASTM D 6771-02***
pH	*0.1*	*0.2*
Sp. Cond.	*5%*	*3%*
Turbitiy	*10% or <10 NTU*	*none*
DO	*10% or 0.2 mg/L*	*10% or 0.2 mg/L*
ORP	*none*	*20 mV*

Sample ID with Time and Analysis
MW-31TZ-20230330
12:21
Sulfate_300.0, Ammonia_350.1, Nitrate_353.2, DGas_175, Alkalinity_2320B, CO2_4500, Sulfide_4500, Iron_TD, Manganese_TD, VOCs, PAHs, TOC_9060A

Well Volume = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) x WELL CAPACITY

=(39 feet - 13.82 feet) x gallons/foot = gal

Well Capacity (gallons/foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

Equipment Volume = (TUBING CAPACITY x TUBING LENGTH) + FLOW CELL VOLUME

=(gal/ft x ft) + gallons = gallons

Tubing Inside Dia. Capacity (gal/ft): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.01

Surface Water Sampling Log

Sample Location ID: SW-01
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: Clear, 32°F	
Water Depth (ft) 2	Stream Velocity (ft/s) N/A
Sample Depth 1	
Sampling Method: Immersion Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-01-20230320 **Sample Time:** 9:05

Water Quality:

Temp (°C):	8.72
Conductivity (mS/cm):	0.281
pH:	6.81
DO (%):	92.7
DO (mg/L)	11.04
not cal'd ORP (mV):	36.4
Turbidity (NTU):	11
Salinity (ppt):	N/A

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
trash observed, no odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes: 8270 - SVOCs
8260 - VOCs
8270 SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-02
Sample Date: 3/20/23

GPS Location Code: ——
Weather Conditions: clear, 54°F
Sampling Personnel: ELM + NAC

Water Depth (ft) 3
Stream Velocity (ft/s) Not measured
Sample Depth 0.5 ft
Sampling Method: (Immersion) Pump Other: N/A
Accessed by: Boat (Land)

Sample ID: SW-02-20230320 **Sample Time:** 14:45

Water Quality:

Temp (°C): 13.25
Conductivity (mS/cm): 0.157
pH: 7.15
DO (%): 57.2
DO (mg/L) 6.01
Not cal'd ORP (mV): 24.0
Turbidity (NTU): 16
Salinity (ppt): Not measured
Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
appears turbid
no odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:
8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-03
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: clear, 53°F	
Water Depth (ft) 1.5	Stream Velocity (ft/s) Not measured (very low-through silt fence)
Sample Depth 0.5	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-03-20230320 **Sample Time:** 14:30

Water Quality:

Temp (°C):	12.05
Conductivity (mS/cm):	0.189
pH:	7.03
DO (%):	38.6
DO (mg/L)	4.14
ORP (mV):	-71.3
Turbidity (NTU):	7
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
- red turbidity
- signs of encampment on other side of stream

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:
SVOCs - 8270
VOCs-8260
PAHs - 8270SIM

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-04
Sample Date: 3 /20/ 23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: clear, 52° F	
Water Depth (ft) 2 ft	Stream Velocity (ft/s) not measured ↳ appears stagnant
Sample Depth 1 ft	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-04-20230320 **Sample Time:** 14:05

Water Quality:

Temp (°C): 12.11

Conductivity (mS/cm): 0.265

pH: 7.08

DO (%): 77.5

DO (mg/L) 8.18

ORP (mV): 25.4

Turbidity (NTU): 19

Salinity (ppt): Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
brownish color, Stagnant

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent
FD	DUP-01-20230320	2200	SW-04-20230320

Additional Comments

Analsyes:
8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-06
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: clear, 54°F	
Water Depth (ft) 0.5	Stream Velocity (ft/s) Not measured (very low)
Sample Depth 0.3 ft	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-06-20230320 **Sample Time:** 15:30

Water Quality:

Temp (°C):	18.60
Conductivity (mS/cm):	0.345
pH:	7.15
DO (%):	6.52
DO (mg/L)	68.5
ORP (mV):	-56.6
Turbidity (NTU):	36
Salinity (ppt):	not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):

no odor
very low flow
appears turbid

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:

8270 - SVOCs
8260 VOCs
8270 SIM - PAHs

Instrument IDs:

Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-07
Sample Date: 3/30/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: clear, 36°F	
Water Depth (ft) 2	Stream Velocity (ft/s) NM
Sample Depth 0.5 ft	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-07-20230320 **Sample Time:** 9:30

Water Quality:

Temp (°C):	7.00
Conductivity (mS/cm):	0.062
pH:	7.08
DO (%):	85.0
DO (mg/L)	10.30
Not Calibrated ORP (mV):	23.7
Turbidity (NTU):	17
Salinity (ppt):	Not Measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):

Depth from bridge 18.80 ft
No odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:

8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:

Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-08
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: Clear, 37°F	
Water Depth (ft) 3	Stream Velocity (ft/s) Not measured
Sample Depth 1 ft	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-08-20230320 **Sample Time:** 10:05

Water Quality:

Temp (°C):	7.55
Conductivity (mS/cm):	~~0.066~~ NAF 0.044
pH:	7.17
DO (%):	138.4
DO (mg/L)	12.85
Not cal'd ORP (mV):	67.5
Turbidity (NTU):	17
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):

Slightly turbid
no odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:

8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:

Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-09
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: Clear. 39 °F	
Water Depth (ft) 2	Stream Velocity (ft/s) Not measured
Sample Depth 6 in	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-09-20230320 **Sample Time:** 10:30

Water Quality:

Temp (°C):	7.42
Conductivity (mS/cm):	0.043
pH:	7.28
DO (%):	101.2
DO (mg/L)	11.23
Not Cal'd ORP (mV):	41.2
Turbidity (NTU):	17
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
DTW from bridge = 15.64 ft (RI-RR2)

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:
8270- SVOCs
8260- VOCs
8270 SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-10
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: Clear, 48°F	
Water Depth (ft) 0.5'	Stream Velocity (ft/s) Not measured
Sample Depth 0.3'	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-10-20230320 **Sample Time:** 13:15

Water Quality:

Temp (°C):	10.14
Conductivity (mS/cm):	0.048
pH:	6.95
DO (%):	122.2
DO (mg/L)	13.58
Not cal'd ORP (mV):	47.5
Turbidity (NTU):	15
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):

appears clear
no odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:

8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:

Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-11
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: Clear, 43°F	
Water Depth (ft) 4	Stream Velocity (ft/s) Not measured
Sample Depth 1 ft	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-11-20230320 **Sample Time:** 11:10

Water Quality:

Temp (°C):	7.50
Conductivity (mS/cm):	0.043
pH:	7.14
DO (%):	79.5
DO (mg/L)	9.51
Not calibrated ORP (mV):	45.0
Turbidity (NTU):	15
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
appears turbid
no odor
no trash observed

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes: ~~8270~~ SIM
8270-SVOCs
8260-VOCs
8270SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100146

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-12
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: Clear, 43°F	
Water Depth (ft) 2	Stream Velocity (ft/s) Not measured
Sample Depth 7 ft	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-12-20230320 **Sample Time:** 11:30

Water Quality:

Temp (°C):	7.72
Conductivity (mS/cm):	0.048
pH:	7.15
DO (%):	81.6
DO (mg/L)	9.65
Not cal'd ORP (mV):	39.4
Turbidity (NTU):	11
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
DTW from bridge (RI-RR3) = 13.35 ft
water appears turbid no odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent
~~FD~~	~~DUP-01-20230320~~		SW-12-20230320
		NO DUP	ELM 3/20/23

Additional Comments

Analsyes:

8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-13
Sample Date: 3/20/23

GPS Location Code:		**Sampling Personnel:**	ELM + NAC
Weather Conditions:	Clear, 54 °F		
Water Depth ~~(ft)~~	4 in	Stream Velocity (ft/s)	Not measured
Sample Depth	3 in		
Sampling Method:	(Immersion) Pump	Other:	N/A
Accessed by:	Boat (Land)		

Sample ID: SW-13-20230320 **Sample Time:** 15:16

Water Quality:

Temp (°C):	18.27
Conductivity (mS/cm):	0.348
pH:	7.22
DO (%):	61.1
DO (mg/L)	5.74
ORP (mV):	-22.9
Turbidity (NTU):	41
Salinity (ppt):	not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):

very low flow

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:

8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:

Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-15
Sample Date: 3/20/23

GPS Location Code:	**Sampling Personnel:** ELM + NAC
Weather Conditions: clear, 54°F	
Water Depth (ft) 8 in	Stream Velocity (ft/s) Not measured
Sample Depth 4 in	
Sampling Method: (Immersion) Pump	Other: N/A
Accessed by: Boat (Land)	

Sample ID: SW-15-20230320 **Sample Time:** 16:30

Water Quality:

Temp (°C):	14.90
Conductivity (mS/cm):	0.288
pH:	7.13
DO (%):	73.1
DO (mg/L)	7.37
ORP (mV):	-16
Turbidity (NTU):	19
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):
slow flow, appears clear

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:
8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:
Turbidity Meter: Geotech SN 22074211
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

Surface Water Sampling Log

Sample Location ID: SW-16
Sample Date: 3/20/23

GPS Location Code:		**Sampling Personnel:**	ELM + NAC + KO + NW
Weather Conditions:	clear, 54°F		
Water Depth ~~(ft)~~	8 in	Stream Velocity (ft/s)	Not measured
Sample Depth	4 in		
Sampling Method:	(Immersion) Pump	Other:	N/A
Accessed by:	Boat (Land)		

Sample ID: SW-16-20230320 **Sample Time:** 16:50

Water Quality:

Temp (°C):	14.88
Conductivity (mS/cm):	0.273
pH:	7.16
DO (%):	76.5
DO (mg/L)	7.55
ORP (mV):	6.7
Turbidity (NTU):	11
Salinity (ppt):	Not measured

Stream Description (odor, color, qualitative turbidity, debris, trash, etc.):

2-3 in detritus
no odor

QA/QC Report

QA/QC Type	QA/QC Sample ID	Time	Parent

Additional Comments

Analsyes:

8270 - SVOCs
8260 - VOCs
8270SIM - PAHs

Instrument IDs:

Turbidity Meter: Geotech SN 2207421 1
Water Quality Instrument: 556 MPS SN 10M100166

Geosyntec consultants

APPENDIX B
Laboratory Analytical Reports

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

March 28, 2023

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

RE: Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

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

SAMPLE SUMMARY

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92658042001	**SW-06-20230320**	Water	03/20/23 15:30	03/21/23 15:28
92658042002	**SW-13-20230320**	Water	03/20/23 15:10	03/21/23 15:28
92658042003	**SW-02-20230320**	Water	03/20/23 14:45	03/21/23 15:28
92658042004	**SW-03-20230320**	Water	03/20/23 14:30	03/21/23 15:28
92658042005	**SW-04-20230320**	Water	03/20/23 14:05	03/21/23 15:28
92658042006	**SW-10-20230320**	Water	03/20/23 13:15	03/21/23 15:28
92658042007	**SW-12-20230320**	Water	03/20/23 11:30	03/21/23 15:28
92658042008	**SW-11-20230320**	Water	03/20/23 11:10	03/21/23 15:28
92658042009	**SW-09-20230320**	Water	03/20/23 10:30	03/21/23 15:28
92658042010	**SW-08-20230320**	Water	03/20/23 10:05	03/21/23 15:28
92658042011	**SW-07-20230320**	Water	03/20/23 09:30	03/21/23 15:28
92658042012	**SW-01-20230320**	Water	03/20/23 09:05	03/21/23 15:28
92658042013	**DUP-01-20230320**	Water	03/20/23 22:00	03/21/23 15:28
92658042014	**SW-15-20230320**	Water	03/20/23 16:30	03/21/23 15:28
92658042015	**SW-16-20230320**	Water	03/20/23 16:50	03/21/23 15:28
92658042016	**EB-01-20230320**	Water	03/20/23 17:00	03/21/23 15:28
92658042017	**TB-01-20230320**	Water	03/20/23 00:00	03/21/23 15:28
92658042018	**TB-02-20230320**	Water	03/20/23 00:00	03/21/23 15:28
92658042019	**TB-03-20230320**	Water	03/20/23 00:00	03/21/23 15:28

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658042001	**SW-06-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042002	**SW-13-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042003	**SW-02-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042004	**SW-03-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042005	**SW-04-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042006	**SW-10-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042007	**SW-12-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042008	**SW-11-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042009	**SW-09-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042010	**SW-08-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042011	**SW-07-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042012	**SW-01-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042013	**DUP-01-20230320**	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042014	**SW-15-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042015	**SW-16-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042016	**EB-01-20230320**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658042017	**TB-01-20230320**	EPA 8260D	LMB	62	PASI-C
92658042018	**TB-02-20230320**	EPA 8260D	LMB	62	PASI-C
92658042019	**TB-03-20230320**	EPA 8260D	TMH	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658042012	**SW-01-20230320**					
EPA 8260D	Chloroform	0.55J	ug/L	1.0	03/23/23 06:03	

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 28, 2023

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: 763562

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: 3965512)
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3965513)
  - N-Nitrosodimethylamine

QC Batch: 763826

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: 3966908)
  - N-Nitrosodimethylamine
- EB-01-20230320 (Lab ID: 92658042016)
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3966909)
  - N-Nitrosodimethylamine
- MS (Lab ID: 3966910)
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3966911)
  - N-Nitrosodimethylamine
- SW-15-20230320 (Lab ID: 92658042014)
  - N-Nitrosodimethylamine
- SW-16-20230320 (Lab ID: 92658042015)
  - N-Nitrosodimethylamine

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 28, 2023

QC Batch: 763974

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: 3967323)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3967324)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MS (Lab ID: 3967325)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3967326)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- SW-09-20230320 (Lab ID: 92658042009)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine

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: 763562

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: 3965513)
  - 2,4-Dimethylphenol

QC Batch: 763826

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: 3966909)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 28, 2023

QC Batch: 763826

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- 2,4-Dimethylphenol

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

QC Batch: 763826

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658356001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3966910)
  - 2,4-Dimethylphenol
- MSD (Lab ID: 3966911)
  - 2,4-Dimethylphenol

QC Batch: 763974

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638016

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

- MS (Lab ID: 3967325)
  - 2,4-Dimethylphenol
- MSD (Lab ID: 3967326)
  - 2,4-Dimethylphenol

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 28, 2023

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: 763225

S0: Surrogate recovery outside laboratory control limits.

- SW-03-20230320 (Lab ID: 92658042004)
  - 2-Fluorobiphenyl (S)
- SW-07-20230320 (Lab ID: 92658042011)
  - 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:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 28, 2023

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.

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

QC Batch: 763008

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: 3962621)
  - Bromomethane
- MS (Lab ID: 3962622)
  - 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: 3962619)
  - Vinyl acetate
- EB-01-20230320 (Lab ID: 92658042016)
  - Vinyl acetate
- TB-01-20230320 (Lab ID: 92658042017)
  - Vinyl acetate
- TB-02-20230320 (Lab ID: 92658042018)
  - Vinyl acetate

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: 3962620)
  - Vinyl acetate

QC Batch: 763024

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: 3962720)
  - Bromomethane
- MS (Lab ID: 3962721)
  - Bromomethane
- SW-02-20230320 (Lab ID: 92658042003)
  - Bromomethane
- SW-03-20230320 (Lab ID: 92658042004)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 28, 2023

QC Batch: 763024

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

QC Batch: 763025

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: 3962731)
  - Bromomethane
- MS (Lab ID: 3962732)
  - Bromomethane
- SW-01-20230320 (Lab ID: 92658042012)
  - Bromomethane
- SW-07-20230320 (Lab ID: 92658042011)
  - Bromomethane

QC Batch: 763369

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: 3964621)
  - Dichlorodifluoromethane
- DUP (Lab ID: 3964623)
  - Dichlorodifluoromethane
- LCS (Lab ID: 3964622)
  - Dichlorodifluoromethane
- MS (Lab ID: 3964624)
  - Dichlorodifluoromethane
- TB-03-20230320 (Lab ID: 92658042019)
  - Dichlorodifluoromethane

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.

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 28, 2023

QC Batch: 763369

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658004002

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

- MS (Lab ID: 3964624)
  - 2-Butanone (MEK)

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.

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-06-20230320 **Lab ID: 92658042001** Collected: 03/20/23 15:30 Received: 03/21/23 15:28 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	9.1	1.8	1	03/24/23 13:29	03/25/23 12:51	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	03/24/23 13:29	03/25/23 12:51	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/24/23 13:29	03/25/23 12:51	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/24/23 13:29	03/25/23 12:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/24/23 13:29	03/25/23 12:51	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/24/23 13:29	03/25/23 12:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/24/23 13:29	03/25/23 12:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/24/23 13:29	03/25/23 12:51	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	03/24/23 13:29	03/25/23 12:51	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/24/23 13:29	03/25/23 12:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/24/23 13:29	03/25/23 12:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/24/23 13:29	03/25/23 12:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/24/23 13:29	03/25/23 12:51	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/24/23 13:29	03/25/23 12:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/24/23 13:29	03/25/23 12:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/24/23 13:29	03/25/23 12:51	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/24/23 13:29	03/25/23 12:51	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/24/23 13:29	03/25/23 12:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/24/23 13:29	03/25/23 12:51	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/24/23 13:29	03/25/23 12:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/24/23 13:29	03/25/23 12:51	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	03/24/23 13:29	03/25/23 12:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/24/23 13:29	03/25/23 12:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/24/23 13:29	03/25/23 12:51	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/24/23 13:29	03/25/23 12:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	03/24/23 13:29	03/25/23 12:51	105-67-9	L1
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/24/23 13:29	03/25/23 12:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/24/23 13:29	03/25/23 12:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/24/23 13:29	03/25/23 12:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/24/23 13:29	03/25/23 12:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/24/23 13:29	03/25/23 12:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/24/23 13:29	03/25/23 12:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/24/23 13:29	03/25/23 12:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/24/23 13:29	03/25/23 12:51	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/24/23 13:29	03/25/23 12:51	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	03/24/23 13:29	03/25/23 12:51	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/24/23 13:29	03/25/23 12:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/24/23 13:29	03/25/23 12:51	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/24/23 13:29	03/25/23 12:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/24/23 13:29	03/25/23 12:51	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/24/23 13:29	03/25/23 12:51	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	03/24/23 13:29	03/25/23 12:51	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	03/24/23 13:29	03/25/23 12:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/24/23 13:29	03/25/23 12:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	03/24/23 13:29	03/25/23 12:51	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-06-20230320 **Lab ID: 92658042001** Collected: 03/20/23 15:30 Received: 03/21/23 15:28 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	18.2	2.7	1	03/24/23 13:29	03/25/23 12:51	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/24/23 13:29	03/25/23 12:51	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/24/23 13:29	03/25/23 12:51	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/24/23 13:29	03/25/23 12:51	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/24/23 13:29	03/25/23 12:51	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/24/23 13:29	03/25/23 12:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/24/23 13:29	03/25/23 12:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/24/23 13:29	03/25/23 12:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/24/23 13:29	03/25/23 12:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/24/23 13:29	03/25/23 12:51	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/24/23 13:29	03/25/23 12:51	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	03/24/23 13:29	03/25/23 12:51	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	03/24/23 13:29	03/25/23 12:51	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/24/23 13:29	03/25/23 12:51	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/24/23 13:29	03/25/23 12:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/24/23 13:29	03/25/23 12:51	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	10-138		1	03/24/23 13:29	03/25/23 12:51	4165-60-0	
2-Fluorobiphenyl (S)	52	%	10-130		1	03/24/23 13:29	03/25/23 12:51	321-60-8	
Terphenyl-d14 (S)	65	%	19-191		1	03/24/23 13:29	03/25/23 12:51	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/24/23 13:29	03/25/23 12:51	13127-88-3	
2-Fluorophenol (S)	43	%	10-130		1	03/24/23 13:29	03/25/23 12:51	367-12-4	
2,4,6-Tribromophenol (S)	57	%	10-164		1	03/24/23 13:29	03/25/23 12:51	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	0.097	0.042	1	03/23/23 15:40	03/24/23 10:02	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	101	%	69-194		1	03/23/23 15:40	03/24/23 10:02	4165-60-0	
2-Fluorobiphenyl (S)	90	%	61-194		1	03/23/23 15:40	03/24/23 10:02	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	03/23/23 15:40	03/24/23 10:02	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		03/23/23 02:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 02:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 02:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 02:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 02:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 02:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 02:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 02:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 02:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 02:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 02:47	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-06-20230320 **Lab ID: 92658042001** Collected: 03/20/23 15:30 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 02:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 02:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 02:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 02:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 02:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 02:47	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 02:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 02:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 02:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 02:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 02:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 02:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 02:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 02:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 02:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 02:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 02:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 02:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 02:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 02:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 02:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 02:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 02:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 02:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 02:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 02:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 02:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 02:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 02:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 02:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 02:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 02:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 02:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 02:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 02:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 02:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 02:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 02:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 02:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 02:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 02:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 02:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 02:47	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-06-20230320 **Lab ID: 92658042001** Collected: 03/20/23 15:30 Received: 03/21/23 15:28 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		03/23/23 02:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 02:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 02:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/23/23 02:47	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/23/23 02:47	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-13-20230320 **Lab ID: 92658042002** Collected: 03/20/23 15:10 Received: 03/21/23 15:28 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	8.7	1.7	1	03/24/23 13:29	03/25/23 13:17	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 13:17	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 13:17	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/24/23 13:29	03/25/23 13:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/24/23 13:29	03/25/23 13:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/24/23 13:29	03/25/23 13:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/24/23 13:29	03/25/23 13:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/24/23 13:29	03/25/23 13:17	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/24/23 13:29	03/25/23 13:17	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/24/23 13:29	03/25/23 13:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 13:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/24/23 13:29	03/25/23 13:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/24/23 13:29	03/25/23 13:17	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/24/23 13:29	03/25/23 13:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 13:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 13:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 13:17	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/24/23 13:29	03/25/23 13:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 13:17	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/24/23 13:29	03/25/23 13:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/24/23 13:29	03/25/23 13:17	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 13:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/24/23 13:29	03/25/23 13:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 13:17	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 13:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 13:17	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 13:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 13:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/24/23 13:29	03/25/23 13:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/24/23 13:29	03/25/23 13:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 13:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 13:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/24/23 13:29	03/25/23 13:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/24/23 13:29	03/25/23 13:17	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 13:17	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 13:17	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 13:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 13:17	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 13:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/24/23 13:29	03/25/23 13:17	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 13:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 13:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 13:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 13:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/24/23 13:29	03/25/23 13:17	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-13-20230320 **Lab ID: 92658042002** Collected: 03/20/23 15:10 Received: 03/21/23 15:28 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	17.4	2.6	1	03/24/23 13:29	03/25/23 13:17	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/24/23 13:29	03/25/23 13:17	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/24/23 13:29	03/25/23 13:17	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 13:17	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 13:17	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/24/23 13:29	03/25/23 13:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 13:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 13:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/24/23 13:29	03/25/23 13:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/24/23 13:29	03/25/23 13:17	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/24/23 13:29	03/25/23 13:17	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 13:17	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 13:17	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 13:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 13:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/24/23 13:29	03/25/23 13:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	74	%	10-138		1	03/24/23 13:29	03/25/23 13:17	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/24/23 13:29	03/25/23 13:17	321-60-8	
Terphenyl-d14 (S)	78	%	19-191		1	03/24/23 13:29	03/25/23 13:17	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/24/23 13:29	03/25/23 13:17	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		1	03/24/23 13:29	03/25/23 13:17	367-12-4	
2,4,6-Tribromophenol (S)	74	%	10-164		1	03/24/23 13:29	03/25/23 13:17	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	0.099	0.042	1	03/23/23 15:40	03/24/23 10:45	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	69-194		1	03/23/23 15:40	03/24/23 10:45	4165-60-0	
2-Fluorobiphenyl (S)	91	%	61-194		1	03/23/23 15:40	03/24/23 10:45	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	03/23/23 15:40	03/24/23 10:45	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		03/23/23 03:05	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 03:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 03:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 03:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 03:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 03:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 03:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 03:05	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 03:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 03:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 03:05	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-13-20230320 **Lab ID: 92658042002** Collected: 03/20/23 15:10 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 03:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 03:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 03:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 03:05	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 03:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 03:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 03:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 03:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 03:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 03:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 03:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 03:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 03:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 03:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 03:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 03:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 03:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 03:05	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 03:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 03:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 03:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 03:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 03:05	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 03:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 03:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 03:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 03:05	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 03:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 03:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 03:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 03:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 03:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 03:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 03:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 03:05	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-13-20230320 **Lab ID: 92658042002** Collected: 03/20/23 15:10 Received: 03/21/23 15:28 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		03/23/23 03:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 03:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 03:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/23/23 03:05	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/23/23 03:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-02-20230320 **Lab ID: 92658042003** Collected: 03/20/23 14:45 Received: 03/21/23 15:28 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	03/24/23 13:29	03/25/23 13:42	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 13:42	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 13:42	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/24/23 13:29	03/25/23 13:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/24/23 13:29	03/25/23 13:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/24/23 13:29	03/25/23 13:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/24/23 13:29	03/25/23 13:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/24/23 13:29	03/25/23 13:42	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/24/23 13:29	03/25/23 13:42	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/24/23 13:29	03/25/23 13:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/24/23 13:29	03/25/23 13:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/24/23 13:29	03/25/23 13:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/24/23 13:29	03/25/23 13:42	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/24/23 13:29	03/25/23 13:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/24/23 13:29	03/25/23 13:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 13:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 13:42	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 13:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 13:42	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/24/23 13:29	03/25/23 13:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/24/23 13:29	03/25/23 13:42	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 13:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/24/23 13:29	03/25/23 13:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 13:42	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 13:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 13:42	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 13:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 13:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/24/23 13:29	03/25/23 13:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/24/23 13:29	03/25/23 13:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 13:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 13:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/24/23 13:29	03/25/23 13:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/24/23 13:29	03/25/23 13:42	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 13:42	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 13:42	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 13:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 13:42	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 13:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/24/23 13:29	03/25/23 13:42	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 13:42	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 13:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 13:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 13:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 13:42	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-02-20230320 **Lab ID: 92658042003** Collected: 03/20/23 14:45 Received: 03/21/23 15:28 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	03/24/23 13:29	03/25/23 13:42	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/24/23 13:29	03/25/23 13:42	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/24/23 13:29	03/25/23 13:42	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 13:42	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 13:42	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/24/23 13:29	03/25/23 13:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 13:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/24/23 13:29	03/25/23 13:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/24/23 13:29	03/25/23 13:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 13:42	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/24/23 13:29	03/25/23 13:42	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 13:42	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 13:42	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 13:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 13:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 13:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	80	%	10-138		1	03/24/23 13:29	03/25/23 13:42	4165-60-0	
2-Fluorobiphenyl (S)	73	%	10-130		1	03/24/23 13:29	03/25/23 13:42	321-60-8	
Terphenyl-d14 (S)	90	%	19-191		1	03/24/23 13:29	03/25/23 13:42	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/24/23 13:29	03/25/23 13:42	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/24/23 13:29	03/25/23 13:42	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-164		1	03/24/23 13:29	03/25/23 13:42	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	0.098	0.042	1	03/23/23 15:40	03/24/23 11:07	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	111	%	69-194		1	03/23/23 15:40	03/24/23 11:07	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/23/23 15:40	03/24/23 11:07	321-60-8	
Terphenyl-d14 (S)	97	%	69-180		1	03/23/23 15:40	03/24/23 11:07	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		03/23/23 03:23	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 03:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 03:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 03:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 03:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 03:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 03:23	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 03:23	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 03:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 03:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 03:23	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-02-20230320 **Lab ID: 92658042003** Collected: 03/20/23 14:45 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 03:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 03:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 03:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 03:23	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 03:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:23	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 03:23	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 03:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 03:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 03:23	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 03:23	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 03:23	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 03:23	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 03:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 03:23	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 03:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 03:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 03:23	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-02-20230320 **Lab ID: 92658042003** Collected: 03/20/23 14:45 Received: 03/21/23 15:28 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		03/23/23 03:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 03:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 03:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 03:23	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/23/23 03:23	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/23 03:23	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-03-20230320 **Lab ID: 92658042004** Collected: 03/20/23 14:30 Received: 03/21/23 15:28 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	03/24/23 13:29	03/25/23 14:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 14:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 14:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/24/23 13:29	03/25/23 14:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/24/23 13:29	03/25/23 14:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/24/23 13:29	03/25/23 14:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/24/23 13:29	03/25/23 14:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/24/23 13:29	03/25/23 14:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/24/23 13:29	03/25/23 14:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/24/23 13:29	03/25/23 14:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/24/23 13:29	03/25/23 14:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/24/23 13:29	03/25/23 14:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/24/23 13:29	03/25/23 14:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/24/23 13:29	03/25/23 14:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/24/23 13:29	03/25/23 14:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 14:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 14:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 14:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 14:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/24/23 13:29	03/25/23 14:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/24/23 13:29	03/25/23 14:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 14:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/24/23 13:29	03/25/23 14:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 14:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 14:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 14:08	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 14:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 14:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/24/23 13:29	03/25/23 14:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/24/23 13:29	03/25/23 14:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 14:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 14:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/24/23 13:29	03/25/23 14:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/24/23 13:29	03/25/23 14:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 14:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 14:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 14:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 14:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 14:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/24/23 13:29	03/25/23 14:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 14:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 14:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 14:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 14:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 14:08	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-03-20230320 **Lab ID: 92658042004** Collected: 03/20/23 14:30 Received: 03/21/23 15:28 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	03/24/23 13:29	03/25/23 14:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/24/23 13:29	03/25/23 14:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/24/23 13:29	03/25/23 14:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 14:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 14:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/24/23 13:29	03/25/23 14:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 14:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/24/23 13:29	03/25/23 14:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/24/23 13:29	03/25/23 14:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 14:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/24/23 13:29	03/25/23 14:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 14:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 14:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 14:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 14:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 14:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	10-138		1	03/24/23 13:29	03/25/23 14:08	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	03/24/23 13:29	03/25/23 14:08	321-60-8	
Terphenyl-d14 (S)	71	%	19-191		1	03/24/23 13:29	03/25/23 14:08	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	03/24/23 13:29	03/25/23 14:08	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	03/24/23 13:29	03/25/23 14:08	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-164		1	03/24/23 13:29	03/25/23 14:08	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	0.098	0.042	1	03/23/23 15:40	03/27/23 13:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	77	%	69-194		1	03/23/23 15:40	03/27/23 13:35	4165-60-0	
2-Fluorobiphenyl (S)	50	%	61-194		1	03/23/23 15:40	03/27/23 13:35	321-60-8	S0
Terphenyl-d14 (S)	69	%	69-180		1	03/23/23 15:40	03/27/23 13:35	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		03/23/23 03:41	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 03:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 03:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 03:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 03:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 03:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 03:41	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 03:41	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 03:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 03:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 03:41	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-03-20230320 **Lab ID: 92658042004** Collected: 03/20/23 14:30 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 03:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 03:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 03:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 03:41	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 03:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 03:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 03:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 03:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 03:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 03:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 03:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 03:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 03:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 03:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 03:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 03:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 03:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 03:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 03:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 03:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 03:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 03:41	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 03:41	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 03:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 03:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 03:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 03:41	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 03:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 03:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 03:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 03:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 03:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 03:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 03:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 03:41	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-03-20230320 **Lab ID: 92658042004** Collected: 03/20/23 14:30 Received: 03/21/23 15:28 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		03/23/23 03:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 03:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 03:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 03:41	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/23/23 03:41	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		03/23/23 03:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-04-20230320 **Lab ID: 92658042005** Collected: 03/20/23 14:05 Received: 03/21/23 15:28 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	8.3	1.7	1	03/24/23 13:29	03/25/23 14:33	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:33	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:33	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/24/23 13:29	03/25/23 14:33	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 14:33	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 14:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 14:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 14:33	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/24/23 13:29	03/25/23 14:33	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/24/23 13:29	03/25/23 14:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 14:33	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/24/23 13:29	03/25/23 14:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/24/23 13:29	03/25/23 14:33	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/24/23 13:29	03/25/23 14:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 14:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:33	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:33	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 14:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:33	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 14:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 14:33	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:33	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/24/23 13:29	03/25/23 14:33	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:33	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:33	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:33	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:33	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/24/23 13:29	03/25/23 14:33	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/24/23 13:29	03/25/23 14:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:33	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/24/23 13:29	03/25/23 14:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/24/23 13:29	03/25/23 14:33	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:33	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:33	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 14:33	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 14:33	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:33	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 14:33	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-04-20230320 **Lab ID: 92658042005** Collected: 03/20/23 14:05 Received: 03/21/23 15:28 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	16.7	2.5	1	03/24/23 13:29	03/25/23 14:33	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 14:33	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/24/23 13:29	03/25/23 14:33	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:33	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:33	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/24/23 13:29	03/25/23 14:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 14:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 14:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/24/23 13:29	03/25/23 14:33	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 14:33	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:33	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 14:33	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:33	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 14:33	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-138		1	03/24/23 13:29	03/25/23 14:33	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	03/24/23 13:29	03/25/23 14:33	321-60-8	
Terphenyl-d14 (S)	77	%	19-191		1	03/24/23 13:29	03/25/23 14:33	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/24/23 13:29	03/25/23 14:33	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/24/23 13:29	03/25/23 14:33	367-12-4	
2,4,6-Tribromophenol (S)	69	%	10-164		1	03/24/23 13:29	03/25/23 14:33	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	0.098	0.042	1	03/23/23 15:40	03/24/23 19:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	69-194		1	03/23/23 15:40	03/24/23 19:06	4165-60-0	
2-Fluorobiphenyl (S)	92	%	61-194		1	03/23/23 15:40	03/24/23 19:06	321-60-8	
Terphenyl-d14 (S)	79	%	69-180		1	03/23/23 15:40	03/24/23 19:06	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		03/23/23 03:59	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 03:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 03:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 03:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 03:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 03:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 03:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 03:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 03:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 03:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 03:59	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-04-20230320 **Lab ID: 92658042005** Collected: 03/20/23 14:05 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 03:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 03:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 03:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 03:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 03:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 03:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 03:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 03:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 03:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 03:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 03:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 03:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 03:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 03:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 03:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 03:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 03:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 03:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 03:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 03:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 03:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 03:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 03:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 03:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 03:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 03:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 03:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 03:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 03:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 03:59	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 03:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 03:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 03:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 03:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 03:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 03:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 03:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 03:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 03:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 03:59	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-04-20230320 **Lab ID: 92658042005** Collected: 03/20/23 14:05 Received: 03/21/23 15:28 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		03/23/23 03:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 03:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 03:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/23/23 03:59	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/23 03:59	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		03/23/23 03:59	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-10-20230320 **Lab ID: 92658042006** Collected: 03/20/23 13:15 Received: 03/21/23 15:28 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	8.3	1.7	1	03/24/23 13:29	03/25/23 14:59	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:59	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:59	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/24/23 13:29	03/25/23 14:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 14:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 14:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 14:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 14:59	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/24/23 13:29	03/25/23 14:59	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/24/23 13:29	03/25/23 14:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 14:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/24/23 13:29	03/25/23 14:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/24/23 13:29	03/25/23 14:59	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/24/23 13:29	03/25/23 14:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 14:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:59	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:59	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 14:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:59	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 14:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 14:59	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/24/23 13:29	03/25/23 14:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:59	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:59	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:59	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/24/23 13:29	03/25/23 14:59	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/24/23 13:29	03/25/23 14:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/24/23 13:29	03/25/23 14:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/24/23 13:29	03/25/23 14:59	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:59	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:59	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 14:59	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 14:59	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 14:59	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:59	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 14:59	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-10-20230320 **Lab ID: 92658042006** Collected: 03/20/23 13:15 Received: 03/21/23 15:28 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	16.7	2.5	1	03/24/23 13:29	03/25/23 14:59	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 14:59	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/24/23 13:29	03/25/23 14:59	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:59	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:59	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/24/23 13:29	03/25/23 14:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 14:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 14:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 14:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/24/23 13:29	03/25/23 14:59	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 14:59	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 14:59	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 14:59	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 14:59	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 14:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 14:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	10-138		1	03/24/23 13:29	03/25/23 14:59	4165-60-0	
2-Fluorobiphenyl (S)	52	%	10-130		1	03/24/23 13:29	03/25/23 14:59	321-60-8	
Terphenyl-d14 (S)	90	%	19-191		1	03/24/23 13:29	03/25/23 14:59	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/24/23 13:29	03/25/23 14:59	13127-88-3	
2-Fluorophenol (S)	43	%	10-130		1	03/24/23 13:29	03/25/23 14:59	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-164		1	03/24/23 13:29	03/25/23 14:59	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	0.098	0.042	1	03/23/23 15:40	03/24/23 19:28	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	69-194		1	03/23/23 15:40	03/24/23 19:28	4165-60-0	
2-Fluorobiphenyl (S)	90	%	61-194		1	03/23/23 15:40	03/24/23 19:28	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	03/23/23 15:40	03/24/23 19:28	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		03/23/23 04:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 04:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 04:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 04:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 04:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 04:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 04:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 04:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 04:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 04:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 04:16	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-10-20230320 **Lab ID: 92658042006** Collected: 03/20/23 13:15 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 04:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 04:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 04:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 04:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 04:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 04:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 04:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 04:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 04:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 04:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 04:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 04:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 04:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 04:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 04:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 04:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 04:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 04:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 04:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 04:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 04:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 04:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 04:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 04:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 04:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 04:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 04:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 04:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 04:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 04:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 04:16	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 04:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 04:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 04:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 04:16	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 04:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 04:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 04:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 04:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 04:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 04:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 04:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 04:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 04:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 04:16	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-10-20230320 **Lab ID: 92658042006** Collected: 03/20/23 13:15 Received: 03/21/23 15:28 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		03/23/23 04:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 04:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 04:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 04:16	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/23/23 04:16	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/23 04:16	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-12-20230320 **Lab ID: 92658042007** Collected: 03/20/23 11:30 Received: 03/21/23 15:28 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	03/24/23 13:29	03/25/23 15:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 15:24	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 15:24	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/24/23 13:29	03/25/23 15:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/24/23 13:29	03/25/23 15:24	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/24/23 13:29	03/25/23 15:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/24/23 13:29	03/25/23 15:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/24/23 13:29	03/25/23 15:24	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/24/23 13:29	03/25/23 15:24	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/24/23 13:29	03/25/23 15:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/24/23 13:29	03/25/23 15:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/24/23 13:29	03/25/23 15:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/24/23 13:29	03/25/23 15:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/24/23 13:29	03/25/23 15:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/24/23 13:29	03/25/23 15:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 15:24	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 15:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 15:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 15:24	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/24/23 13:29	03/25/23 15:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/24/23 13:29	03/25/23 15:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 15:24	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/24/23 13:29	03/25/23 15:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 15:24	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 15:24	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 15:24	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 15:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 15:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/24/23 13:29	03/25/23 15:24	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/24/23 13:29	03/25/23 15:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 15:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 15:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/24/23 13:29	03/25/23 15:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/24/23 13:29	03/25/23 15:24	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 15:24	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/24/23 13:29	03/25/23 15:24	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 15:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 15:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 15:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/24/23 13:29	03/25/23 15:24	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/24/23 13:29	03/25/23 15:24	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 15:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 15:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 15:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 15:24	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-12-20230320 **Lab ID: 92658042007** Collected: 03/20/23 11:30 Received: 03/21/23 15:28 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	03/24/23 13:29	03/25/23 15:24	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/24/23 13:29	03/25/23 15:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/24/23 13:29	03/25/23 15:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 15:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 15:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/24/23 13:29	03/25/23 15:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/24/23 13:29	03/25/23 15:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/24/23 13:29	03/25/23 15:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/24/23 13:29	03/25/23 15:24	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/24/23 13:29	03/25/23 15:24	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/24/23 13:29	03/25/23 15:24	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/24/23 13:29	03/25/23 15:24	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 15:24	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/24/23 13:29	03/25/23 15:24	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/24/23 13:29	03/25/23 15:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/24/23 13:29	03/25/23 15:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-138		1	03/24/23 13:29	03/25/23 15:24	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/24/23 13:29	03/25/23 15:24	321-60-8	
Terphenyl-d14 (S)	69	%	19-191		1	03/24/23 13:29	03/25/23 15:24	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	03/24/23 13:29	03/25/23 15:24	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/24/23 13:29	03/25/23 15:24	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-164		1	03/24/23 13:29	03/25/23 15:24	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	0.096	0.041	1	03/23/23 15:40	03/24/23 19:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	69-194		1	03/23/23 15:40	03/24/23 19:50	4165-60-0	
2-Fluorobiphenyl (S)	97	%	61-194		1	03/23/23 15:40	03/24/23 19:50	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	03/23/23 15:40	03/24/23 19:50	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		03/23/23 04:34	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 04:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 04:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 04:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 04:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 04:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 04:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 04:34	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 04:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 04:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 04:34	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-12-20230320 **Lab ID: 92658042007** Collected: 03/20/23 11:30 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 04:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 04:34	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 04:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 04:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 04:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 04:34	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 04:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 04:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 04:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 04:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 04:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 04:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 04:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 04:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 04:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 04:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 04:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 04:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 04:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 04:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 04:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 04:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 04:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 04:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 04:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 04:34	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 04:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 04:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 04:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 04:34	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 04:34	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 04:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 04:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 04:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 04:34	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 04:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 04:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 04:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 04:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 04:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 04:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 04:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 04:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 04:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 04:34	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-12-20230320 **Lab ID: 92658042007** Collected: 03/20/23 11:30 Received: 03/21/23 15:28 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		03/23/23 04:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 04:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 04:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 04:34	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/23 04:34	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/23 04:34	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-11-20230320 **Lab ID: 92658042008** Collected: 03/20/23 11:10 Received: 03/21/23 15:28 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	8.7	1.7	1	03/24/23 13:29	03/25/23 15:50	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 15:50	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 15:50	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/24/23 13:29	03/25/23 15:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/24/23 13:29	03/25/23 15:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/24/23 13:29	03/25/23 15:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/24/23 13:29	03/25/23 15:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/24/23 13:29	03/25/23 15:50	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/24/23 13:29	03/25/23 15:50	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/24/23 13:29	03/25/23 15:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 15:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/24/23 13:29	03/25/23 15:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/24/23 13:29	03/25/23 15:50	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/24/23 13:29	03/25/23 15:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 15:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 15:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 15:50	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/24/23 13:29	03/25/23 15:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 15:50	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/24/23 13:29	03/25/23 15:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/24/23 13:29	03/25/23 15:50	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 15:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/24/23 13:29	03/25/23 15:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 15:50	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 15:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 15:50	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 15:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 15:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/24/23 13:29	03/25/23 15:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/24/23 13:29	03/25/23 15:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 15:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/24/23 13:29	03/25/23 15:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/24/23 13:29	03/25/23 15:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/24/23 13:29	03/25/23 15:50	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 15:50	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 15:50	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 15:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 15:50	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 15:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/24/23 13:29	03/25/23 15:50	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/24/23 13:29	03/25/23 15:50	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/24/23 13:29	03/25/23 15:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 15:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 15:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/24/23 13:29	03/25/23 15:50	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-11-20230320 **Lab ID: 92658042008** Collected: 03/20/23 11:10 Received: 03/21/23 15:28 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	17.4	2.6	1	03/24/23 13:29	03/25/23 15:50	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/24/23 13:29	03/25/23 15:50	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/24/23 13:29	03/25/23 15:50	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 15:50	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 15:50	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/24/23 13:29	03/25/23 15:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/24/23 13:29	03/25/23 15:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 15:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/24/23 13:29	03/25/23 15:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/24/23 13:29	03/25/23 15:50	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/24/23 13:29	03/25/23 15:50	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/24/23 13:29	03/25/23 15:50	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 15:50	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/24/23 13:29	03/25/23 15:50	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/24/23 13:29	03/25/23 15:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/24/23 13:29	03/25/23 15:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-138		1	03/24/23 13:29	03/25/23 15:50	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/24/23 13:29	03/25/23 15:50	321-60-8	
Terphenyl-d14 (S)	92	%	19-191		1	03/24/23 13:29	03/25/23 15:50	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	03/24/23 13:29	03/25/23 15:50	13127-88-3	
2-Fluorophenol (S)	17	%	10-130		1	03/24/23 13:29	03/25/23 15:50	367-12-4	
2,4,6-Tribromophenol (S)	22	%	10-164		1	03/24/23 13:29	03/25/23 15:50	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	0.099	0.042	1	03/23/23 15:40	03/27/23 10:20	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	80	%	69-194		1	03/23/23 15:40	03/27/23 10:20	4165-60-0	
2-Fluorobiphenyl (S)	88	%	61-194		1	03/23/23 15:40	03/27/23 10:20	321-60-8	
Terphenyl-d14 (S)	72	%	69-180		1	03/23/23 15:40	03/27/23 10:20	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		03/23/23 04:52	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 04:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 04:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 04:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 04:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 04:52	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 04:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 04:52	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 04:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 04:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 04:52	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-11-20230320 **Lab ID: 92658042008** Collected: 03/20/23 11:10 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 04:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 04:52	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 04:52	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 04:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 04:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 04:52	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 04:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 04:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 04:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 04:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 04:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 04:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 04:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 04:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 04:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 04:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 04:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 04:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 04:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 04:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 04:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 04:52	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 04:52	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 04:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 04:52	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 04:52	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 04:52	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 04:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 04:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 04:52	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 04:52	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 04:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 04:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 04:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 04:52	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 04:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 04:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 04:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 04:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 04:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 04:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 04:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 04:52	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 04:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 04:52	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-11-20230320 **Lab ID: 92658042008** Collected: 03/20/23 11:10 Received: 03/21/23 15:28 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		03/23/23 04:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 04:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 04:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 04:52	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/23 04:52	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/23/23 04:52	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-09-20230320 **Lab ID: 92658042009** Collected: 03/20/23 10:30 Received: 03/21/23 15:28 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	8.3	1.7	1	03/27/23 13:00	03/28/23 12:02	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 12:02	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 12:02	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 12:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 12:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 12:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 12:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 12:02	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 12:02	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 12:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 12:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 12:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 12:02	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 12:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 12:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 12:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 12:02	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 12:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 12:02	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 12:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 12:02	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 12:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 12:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 12:02	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 12:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 12:02	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 12:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 12:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 12:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 12:02	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 12:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 12:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 12:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 12:02	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 12:02	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 12:02	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 12:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 12:02	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 12:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 12:02	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 12:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 12:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 12:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 12:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 12:02	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-09-20230320 **Lab ID: 92658042009** Collected: 03/20/23 10:30 Received: 03/21/23 15:28 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	16.7	2.5	1	03/27/23 13:00	03/28/23 12:02	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 12:02	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 12:02	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 12:02	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 12:02	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 12:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 12:02	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 12:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 12:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 12:02	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 12:02	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 12:02	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 12:02	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 12:02	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 12:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 12:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	39	%	10-138		1	03/27/23 13:00	03/28/23 12:02	4165-60-0	
2-Fluorobiphenyl (S)	32	%	10-130		1	03/27/23 13:00	03/28/23 12:02	321-60-8	
Terphenyl-d14 (S)	79	%	19-191		1	03/27/23 13:00	03/28/23 12:02	1718-51-0	
Phenol-d6 (S)	25	%	10-130		1	03/27/23 13:00	03/28/23 12:02	13127-88-3	
2-Fluorophenol (S)	29	%	10-130		1	03/27/23 13:00	03/28/23 12:02	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-164		1	03/27/23 13:00	03/28/23 12:02	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	0.097	0.042	1	03/23/23 15:40	03/27/23 10:41	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	78	%	69-194		1	03/23/23 15:40	03/27/23 10:41	4165-60-0	
2-Fluorobiphenyl (S)	83	%	61-194		1	03/23/23 15:40	03/27/23 10:41	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	03/23/23 15:40	03/27/23 10:41	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		03/23/23 05:10	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 05:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 05:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 05:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 05:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 05:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 05:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 05:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 05:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 05:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 05:10	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-09-20230320 **Lab ID: 92658042009** Collected: 03/20/23 10:30 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 05:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 05:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 05:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 05:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 05:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 05:10	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 05:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 05:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 05:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 05:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 05:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 05:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 05:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 05:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 05:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 05:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 05:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 05:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 05:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 05:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 05:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 05:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 05:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 05:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 05:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 05:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 05:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 05:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 05:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 05:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 05:10	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 05:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 05:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 05:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 05:10	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 05:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 05:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 05:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 05:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 05:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 05:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 05:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 05:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 05:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 05:10	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-09-20230320 **Lab ID: 92658042009** Collected: 03/20/23 10:30 Received: 03/21/23 15:28 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		03/23/23 05:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 05:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 05:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 05:10	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/23/23 05:10	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/23/23 05:10	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-08-20230320 **Lab ID: 92658042010** Collected: 03/20/23 10:05 Received: 03/21/23 15:28 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	8.3	1.7	1	03/24/23 13:29	03/25/23 16:41	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 16:41	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 16:41	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/24/23 13:29	03/25/23 16:41	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 16:41	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 16:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 16:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 16:41	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/24/23 13:29	03/25/23 16:41	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/24/23 13:29	03/25/23 16:41	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 16:41	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/24/23 13:29	03/25/23 16:41	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/24/23 13:29	03/25/23 16:41	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/24/23 13:29	03/25/23 16:41	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 16:41	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 16:41	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 16:41	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 16:41	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 16:41	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 16:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 16:41	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 16:41	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/24/23 13:29	03/25/23 16:41	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 16:41	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 16:41	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 16:41	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 16:41	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 16:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/24/23 13:29	03/25/23 16:41	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/24/23 13:29	03/25/23 16:41	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 16:41	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 16:41	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/24/23 13:29	03/25/23 16:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/24/23 13:29	03/25/23 16:41	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 16:41	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 16:41	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 16:41	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 16:41	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 16:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 16:41	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 16:41	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 16:41	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 16:41	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 16:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 16:41	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-08-20230320 **Lab ID: 92658042010** Collected: 03/20/23 10:05 Received: 03/21/23 15:28 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	16.7	2.5	1	03/24/23 13:29	03/25/23 16:41	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 16:41	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/24/23 13:29	03/25/23 16:41	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 16:41	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 16:41	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/24/23 13:29	03/25/23 16:41	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 16:41	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 16:41	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 16:41	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/24/23 13:29	03/25/23 16:41	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 16:41	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 16:41	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 16:41	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 16:41	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 16:41	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 16:41	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	10-138		1	03/24/23 13:29	03/25/23 16:41	4165-60-0	
2-Fluorobiphenyl (S)	61	%	10-130		1	03/24/23 13:29	03/25/23 16:41	321-60-8	
Terphenyl-d14 (S)	81	%	19-191		1	03/24/23 13:29	03/25/23 16:41	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	03/24/23 13:29	03/25/23 16:41	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/24/23 13:29	03/25/23 16:41	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-164		1	03/24/23 13:29	03/25/23 16:41	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	0.098	0.042	1	03/23/23 15:40	03/27/23 11:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/23/23 15:40	03/27/23 11:03	4165-60-0	
2-Fluorobiphenyl (S)	86	%	61-194		1	03/23/23 15:40	03/27/23 11:03	321-60-8	
Terphenyl-d14 (S)	86	%	69-180		1	03/23/23 15:40	03/27/23 11:03	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		03/23/23 05:28	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 05:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 05:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 05:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 05:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 05:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 05:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 05:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 05:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 05:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 05:28	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-08-20230320 **Lab ID: 92658042010** Collected: 03/20/23 10:05 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 05:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 05:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 05:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 05:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 05:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 05:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 05:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 05:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 05:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 05:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 05:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 05:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 05:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 05:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 05:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 05:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 05:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 05:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 05:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 05:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 05:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 05:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 05:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 05:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 05:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 05:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 05:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 05:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 05:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 05:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 05:28	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 05:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 05:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 05:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 05:28	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 05:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 05:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 05:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 05:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 05:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 05:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 05:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 05:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 05:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 05:28	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-08-20230320 **Lab ID: 92658042010** Collected: 03/20/23 10:05 Received: 03/21/23 15:28 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		03/23/23 05:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 05:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 05:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/23/23 05:28	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/23/23 05:28	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/23/23 05:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-07-20230320 **Lab ID: 92658042011** Collected: 03/20/23 09:30 Received: 03/21/23 15:28 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	8.3	1.7	1	03/24/23 13:29	03/25/23 17:06	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:06	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:06	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/24/23 13:29	03/25/23 17:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 17:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 17:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 17:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 17:06	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/24/23 13:29	03/25/23 17:06	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/24/23 13:29	03/25/23 17:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 17:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/24/23 13:29	03/25/23 17:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/24/23 13:29	03/25/23 17:06	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/24/23 13:29	03/25/23 17:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 17:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:06	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:06	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 17:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:06	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 17:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 17:06	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/24/23 13:29	03/25/23 17:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:06	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:06	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/24/23 13:29	03/25/23 17:06	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/24/23 13:29	03/25/23 17:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/24/23 13:29	03/25/23 17:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/24/23 13:29	03/25/23 17:06	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:06	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:06	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 17:06	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 17:06	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:06	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 17:06	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-07-20230320 **Lab ID: 92658042011** Collected: 03/20/23 09:30 Received: 03/21/23 15:28 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	16.7	2.5	1	03/24/23 13:29	03/25/23 17:06	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 17:06	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/24/23 13:29	03/25/23 17:06	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:06	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:06	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/24/23 13:29	03/25/23 17:06	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:06	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 17:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 17:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/24/23 13:29	03/25/23 17:06	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 17:06	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:06	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 17:06	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 17:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	80	%	10-138		1	03/24/23 13:29	03/25/23 17:06	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/24/23 13:29	03/25/23 17:06	321-60-8	
Terphenyl-d14 (S)	87	%	19-191		1	03/24/23 13:29	03/25/23 17:06	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/24/23 13:29	03/25/23 17:06	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	03/24/23 13:29	03/25/23 17:06	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-164		1	03/24/23 13:29	03/25/23 17:06	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	0.096	0.041	1	03/23/23 15:40	03/27/23 11:25	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	81	%	69-194		1	03/23/23 15:40	03/27/23 11:25	4165-60-0	
2-Fluorobiphenyl (S)	83	%	61-194		1	03/23/23 15:40	03/27/23 11:25	321-60-8	
Terphenyl-d14 (S)	53	%	69-180		1	03/23/23 15:40	03/27/23 11:25	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		03/23/23 05:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 05:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 05:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 05:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 05:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 05:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 05:46	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 05:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 05:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 05:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 05:46	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-07-20230320 **Lab ID: 92658042011** Collected: 03/20/23 09:30 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 05:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 05:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 05:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 05:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 05:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 05:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 05:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 05:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 05:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 05:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 05:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 05:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 05:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 05:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 05:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 05:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 05:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 05:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 05:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 05:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 05:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 05:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 05:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 05:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 05:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 05:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 05:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 05:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 05:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 05:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 05:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 05:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 05:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 05:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 05:46	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 05:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 05:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 05:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 05:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 05:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 05:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 05:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 05:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 05:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 05:46	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-07-20230320 **Lab ID: 92658042011** Collected: 03/20/23 09:30 Received: 03/21/23 15:28 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		03/23/23 05:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 05:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 05:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/23 05:46	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/23/23 05:46	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/23 05:46	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-01-20230320 **Lab ID: 92658042012** Collected: 03/20/23 09:05 Received: 03/21/23 15:28 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	8.3	1.7	1	03/24/23 13:29	03/25/23 17:32	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:32	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:32	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/24/23 13:29	03/25/23 17:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 17:32	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 17:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 17:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 17:32	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/24/23 13:29	03/25/23 17:32	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/24/23 13:29	03/25/23 17:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 17:32	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/24/23 13:29	03/25/23 17:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/24/23 13:29	03/25/23 17:32	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/24/23 13:29	03/25/23 17:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 17:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:32	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:32	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 17:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:32	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 17:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 17:32	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:32	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/24/23 13:29	03/25/23 17:32	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:32	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:32	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:32	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:32	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/24/23 13:29	03/25/23 17:32	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/24/23 13:29	03/25/23 17:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:32	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/24/23 13:29	03/25/23 17:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/24/23 13:29	03/25/23 17:32	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:32	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:32	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 17:32	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 17:32	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:32	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:32	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 17:32	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-01-20230320 **Lab ID: 92658042012** Collected: 03/20/23 09:05 Received: 03/21/23 15:28 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	16.7	2.5	1	03/24/23 13:29	03/25/23 17:32	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 17:32	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/24/23 13:29	03/25/23 17:32	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:32	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:32	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/24/23 13:29	03/25/23 17:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 17:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 17:32	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/24/23 13:29	03/25/23 17:32	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 17:32	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:32	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 17:32	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:32	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 17:32	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	10-138		1	03/24/23 13:29	03/25/23 17:32	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/24/23 13:29	03/25/23 17:32	321-60-8	
Terphenyl-d14 (S)	82	%	19-191		1	03/24/23 13:29	03/25/23 17:32	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	03/24/23 13:29	03/25/23 17:32	13127-88-3	
2-Fluorophenol (S)	52	%	10-130		1	03/24/23 13:29	03/25/23 17:32	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-164		1	03/24/23 13:29	03/25/23 17:32	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	0.099	0.042	1	03/23/23 15:40	03/27/23 11:47	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/23/23 15:40	03/27/23 11:47	4165-60-0	
2-Fluorobiphenyl (S)	90	%	61-194		1	03/23/23 15:40	03/27/23 11:47	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	03/23/23 15:40	03/27/23 11:47	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		03/23/23 06:03	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 06:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 06:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 06:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 06:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 06:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 06:03	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 06:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 06:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 06:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 06:03	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-01-20230320 **Lab ID: 92658042012** Collected: 03/20/23 09:05 Received: 03/21/23 15:28 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	**0.55J**	ug/L	1.0	0.43	1		03/23/23 06:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 06:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 06:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 06:03	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 06:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 06:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 06:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 06:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 06:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 06:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 06:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 06:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 06:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 06:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 06:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 06:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 06:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 06:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 06:03	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 06:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 06:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 06:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 06:03	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 06:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 06:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 06:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 06:03	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 06:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 06:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 06:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 06:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 06:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 06:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 06:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 06:03	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-01-20230320 **Lab ID: 92658042012** Collected: 03/20/23 09:05 Received: 03/21/23 15:28 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		03/23/23 06:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 06:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 06:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/23 06:03	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/23 06:03	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/23/23 06:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: DUP-01-20230320 **Lab ID: 92658042013** Collected: 03/20/23 22:00 Received: 03/21/23 15:28 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	8.3	1.7	1	03/24/23 13:29	03/25/23 17:58	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:58	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:58	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/24/23 13:29	03/25/23 17:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 17:58	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/24/23 13:29	03/25/23 17:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 17:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 17:58	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/24/23 13:29	03/25/23 17:58	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/24/23 13:29	03/25/23 17:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 17:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/24/23 13:29	03/25/23 17:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/24/23 13:29	03/25/23 17:58	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/24/23 13:29	03/25/23 17:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/24/23 13:29	03/25/23 17:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:58	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:58	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 17:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:58	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/24/23 13:29	03/25/23 17:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 17:58	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:58	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/24/23 13:29	03/25/23 17:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:58	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:58	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:58	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/24/23 13:29	03/25/23 17:58	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/24/23 13:29	03/25/23 17:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:58	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/24/23 13:29	03/25/23 17:58	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/24/23 13:29	03/25/23 17:58	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:58	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:58	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 17:58	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/24/23 13:29	03/25/23 17:58	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/24/23 13:29	03/25/23 17:58	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/24/23 13:29	03/25/23 17:58	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: DUP-01-20230320 **Lab ID: 92658042013** Collected: 03/20/23 22:00 Received: 03/21/23 15:28 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	16.7	2.5	1	03/24/23 13:29	03/25/23 17:58	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 17:58	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/24/23 13:29	03/25/23 17:58	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:58	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:58	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/24/23 13:29	03/25/23 17:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/24/23 13:29	03/25/23 17:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 17:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/24/23 13:29	03/25/23 17:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/24/23 13:29	03/25/23 17:58	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/24/23 13:29	03/25/23 17:58	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/24/23 13:29	03/25/23 17:58	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/24/23 13:29	03/25/23 17:58	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/24/23 13:29	03/25/23 17:58	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/24/23 13:29	03/25/23 17:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/24/23 13:29	03/25/23 17:58	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-138		1	03/24/23 13:29	03/25/23 17:58	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/24/23 13:29	03/25/23 17:58	321-60-8	
Terphenyl-d14 (S)	75	%	19-191		1	03/24/23 13:29	03/25/23 17:58	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/24/23 13:29	03/25/23 17:58	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/24/23 13:29	03/25/23 17:58	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-164		1	03/24/23 13:29	03/25/23 17:58	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	0.097	0.042	1	03/23/23 15:40	03/27/23 12:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	79	%	69-194		1	03/23/23 15:40	03/27/23 12:08	4165-60-0	
2-Fluorobiphenyl (S)	80	%	61-194		1	03/23/23 15:40	03/27/23 12:08	321-60-8	
Terphenyl-d14 (S)	76	%	69-180		1	03/23/23 15:40	03/27/23 12:08	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		03/23/23 06:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 06:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 06:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 06:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 06:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 06:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 06:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 06:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 06:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 06:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 06:21	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: DUP-01-20230320 **Lab ID: 92658042013** Collected: 03/20/23 22:00 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 06:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 06:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 06:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 06:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 06:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 06:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 06:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 06:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 06:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 06:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 06:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 06:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 06:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 06:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 06:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 06:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 06:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 06:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 06:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 06:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 06:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 06:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 06:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 06:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 06:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 06:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 06:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 06:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 06:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 06:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 06:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 06:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 06:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 06:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 06:21	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: DUP-01-20230320 **Lab ID: 92658042013** Collected: 03/20/23 22:00 Received: 03/21/23 15:28 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		03/23/23 06:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 06:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 06:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 06:21	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/23/23 06:21	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/23 06:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-15-20230320 **Lab ID: 92658042014** Collected: 03/20/23 16:30 Received: 03/21/23 15:28 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	8.3	1.7	1	03/25/23 11:14	03/26/23 15:22	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:22	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:22	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/25/23 11:14	03/26/23 15:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 15:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 15:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 15:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 15:22	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/25/23 11:14	03/26/23 15:22	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/25/23 11:14	03/26/23 15:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 15:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/25/23 11:14	03/26/23 15:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/25/23 11:14	03/26/23 15:22	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/25/23 11:14	03/26/23 15:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 15:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:22	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 15:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:22	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 15:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 15:22	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/25/23 11:14	03/26/23 15:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:22	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:22	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/25/23 11:14	03/26/23 15:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/25/23 11:14	03/26/23 15:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/25/23 11:14	03/26/23 15:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/25/23 11:14	03/26/23 15:22	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:22	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:22	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 15:22	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 15:22	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 15:22	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-15-20230320 **Lab ID: 92658042014** Collected: 03/20/23 16:30 Received: 03/21/23 15:28 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	16.7	2.5	1	03/25/23 11:14	03/26/23 15:22	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 15:22	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/25/23 11:14	03/26/23 15:22	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:22	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:22	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/25/23 11:14	03/26/23 15:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:22	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 15:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 15:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/25/23 11:14	03/26/23 15:22	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 15:22	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:22	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 15:22	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 15:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-138		1	03/25/23 11:14	03/26/23 15:22	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/25/23 11:14	03/26/23 15:22	321-60-8	
Terphenyl-d14 (S)	104	%	19-191		1	03/25/23 11:14	03/26/23 15:22	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/25/23 11:14	03/26/23 15:22	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/25/23 11:14	03/26/23 15:22	367-12-4	
2,4,6-Tribromophenol (S)	100	%	10-164		1	03/25/23 11:14	03/26/23 15:22	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	0.097	0.041	1	03/23/23 15:40	03/27/23 12:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	69-194		1	03/23/23 15:40	03/27/23 12:30	4165-60-0	
2-Fluorobiphenyl (S)	86	%	61-194		1	03/23/23 15:40	03/27/23 12:30	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	03/23/23 15:40	03/27/23 12:30	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		03/23/23 06:39	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 06:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 06:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 06:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 06:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 06:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 06:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 06:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 06:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 06:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 06:39	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-15-20230320 **Lab ID: 92658042014** Collected: 03/20/23 16:30 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 06:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 06:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 06:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 06:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 06:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 06:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 06:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 06:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 06:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 06:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 06:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 06:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 06:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 06:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 06:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 06:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 06:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 06:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 06:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 06:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 06:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 06:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 06:39	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 06:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 06:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 06:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 06:39	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 06:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 06:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 06:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 06:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 06:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 06:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 06:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 06:39	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-15-20230320 **Lab ID: 92658042014** Collected: 03/20/23 16:30 Received: 03/21/23 15:28 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		03/23/23 06:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 06:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 06:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/23/23 06:39	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/23 06:39	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		03/23/23 06:39	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-16-20230320 **Lab ID: 92658042015** Collected: 03/20/23 16:50 Received: 03/21/23 15:28 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	8.3	1.7	1	03/25/23 11:14	03/26/23 15:47	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:47	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:47	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/25/23 11:14	03/26/23 15:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 15:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 15:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 15:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 15:47	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/25/23 11:14	03/26/23 15:47	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/25/23 11:14	03/26/23 15:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 15:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/25/23 11:14	03/26/23 15:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/25/23 11:14	03/26/23 15:47	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/25/23 11:14	03/26/23 15:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 15:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:47	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:47	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 15:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:47	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 15:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 15:47	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/25/23 11:14	03/26/23 15:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:47	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:47	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:47	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/25/23 11:14	03/26/23 15:47	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/25/23 11:14	03/26/23 15:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/25/23 11:14	03/26/23 15:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/25/23 11:14	03/26/23 15:47	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:47	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:47	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 15:47	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 15:47	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 15:47	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 15:47	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-16-20230320 **Lab ID: 92658042015** Collected: 03/20/23 16:50 Received: 03/21/23 15:28 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	16.7	2.5	1	03/25/23 11:14	03/26/23 15:47	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 15:47	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/25/23 11:14	03/26/23 15:47	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:47	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:47	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/25/23 11:14	03/26/23 15:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 15:47	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 15:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 15:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/25/23 11:14	03/26/23 15:47	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 15:47	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 15:47	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 15:47	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 15:47	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 15:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 15:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	94	%	10-138		1	03/25/23 11:14	03/26/23 15:47	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/25/23 11:14	03/26/23 15:47	321-60-8	
Terphenyl-d14 (S)	106	%	19-191		1	03/25/23 11:14	03/26/23 15:47	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	03/25/23 11:14	03/26/23 15:47	13127-88-3	
2-Fluorophenol (S)	68	%	10-130		1	03/25/23 11:14	03/26/23 15:47	367-12-4	
2,4,6-Tribromophenol (S)	103	%	10-164		1	03/25/23 11:14	03/26/23 15:47	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	0.098	0.042	1	03/23/23 15:40	03/27/23 12:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	79	%	69-194		1	03/23/23 15:40	03/27/23 12:52	4165-60-0	
2-Fluorobiphenyl (S)	85	%	61-194		1	03/23/23 15:40	03/27/23 12:52	321-60-8	
Terphenyl-d14 (S)	83	%	69-180		1	03/23/23 15:40	03/27/23 12:52	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		03/23/23 06:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 06:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 06:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 06:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 06:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 06:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 06:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 06:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 06:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 06:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 06:57	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 MGP J23030238
Pace Project No.: 92658042

Sample: SW-16-20230320 **Lab ID: 92658042015** Collected: 03/20/23 16:50 Received: 03/21/23 15:28 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	1.0	0.43	1		03/23/23 06:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 06:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 06:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 06:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 06:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 06:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 06:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 06:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 06:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 06:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 06:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 06:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 06:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 06:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 06:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 06:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 06:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 06:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 06:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 06:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 06:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 06:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 06:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 06:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 06:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 06:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 06:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 06:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 06:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 06:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 06:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 06:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 06:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 06:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 06:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 06:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 06:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 06:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 06:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 06:57	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: SW-16-20230320 **Lab ID: 92658042015** Collected: 03/20/23 16:50 Received: 03/21/23 15:28 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		03/23/23 06:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 06:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 06:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/23 06:57	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/23/23 06:57	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/23/23 06:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: EB-01-20230320 **Lab ID: 92658042016** Collected: 03/20/23 17:00 Received: 03/21/23 15:28 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	03/25/23 11:14	03/26/23 16:13	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:13	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:13	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 16:13	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 16:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 16:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 16:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 16:13	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 16:13	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 16:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 16:13	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 16:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 16:13	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 16:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 16:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:13	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:13	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 16:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:13	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 16:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 16:13	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 16:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 16:13	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:13	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:13	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:13	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 16:13	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 16:13	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 16:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:13	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 16:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 16:13	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:13	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 16:13	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:13	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 16:13	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:13	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 16:13	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: EB-01-20230320 **Lab ID: 92658042016** Collected: 03/20/23 17:00 Received: 03/21/23 15:28 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	03/25/23 11:14	03/26/23 16:13	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 16:13	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 16:13	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:13	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:13	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 16:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:13	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 16:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 16:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 16:13	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 16:13	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:13	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:13	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:13	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-138		1	03/25/23 11:14	03/26/23 16:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-130		1	03/25/23 11:14	03/26/23 16:13	321-60-8	
Terphenyl-d14 (S)	105	%	19-191		1	03/25/23 11:14	03/26/23 16:13	1718-51-0	
Phenol-d6 (S)	44	%	10-130		1	03/25/23 11:14	03/26/23 16:13	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/25/23 11:14	03/26/23 16:13	367-12-4	
2,4,6-Tribromophenol (S)	103	%	10-164		1	03/25/23 11:14	03/26/23 16:13	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	0.097	0.042	1	03/23/23 15:40	03/27/23 13:14	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	71	%	69-194		1	03/23/23 15:40	03/27/23 13:14	4165-60-0	
2-Fluorobiphenyl (S)	72	%	61-194		1	03/23/23 15:40	03/27/23 13:14	321-60-8	
Terphenyl-d14 (S)	69	%	69-180		1	03/23/23 15:40	03/27/23 13:14	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		03/22/23 14:39	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/23 14:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/23 14:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/23 14:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/23 14:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/23 14:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/23 14:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/23 14:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/23 14:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/23 14:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/23 14:39	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: EB-01-20230320 **Lab ID: 92658042016** Collected: 03/20/23 17:00 Received: 03/21/23 15:28 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	1.0	0.43	1		03/22/23 14:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/23 14:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/23 14:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/23 14:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/23 14:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/23 14:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/23 14:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/23 14:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/23 14:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/23 14:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/23 14:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/23 14:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/23 14:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/23 14:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/23 14:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/23 14:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/23 14:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/23 14:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/23 14:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/23 14:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/23 14:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/23 14:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/23 14:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/23 14:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/23 14:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/23 14:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/23 14:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/23 14:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/23 14:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/23 14:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/23 14:39	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/23 14:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/23 14:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/23 14:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/23 14:39	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/23 14:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/23 14:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/23 14:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/23 14:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/23 14:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/23 14:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/23 14:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/23 14:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/23 14:39	108-05-4	v2
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/23 14:39	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: EB-01-20230320 **Lab ID: 92658042016** Collected: 03/20/23 17:00 Received: 03/21/23 15:28 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		03/22/23 14:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/23 14:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/23 14:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/23 14:39	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/22/23 14:39	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/22/23 14:39	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: TB-01-20230320 **Lab ID: 92658042017** Collected: 03/20/23 00:00 Received: 03/21/23 15:28 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		03/22/23 14:56	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/23 14:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/23 14:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/23 14:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/23 14:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/23 14:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/23 14:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/23 14:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/23 14:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/23 14:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/23 14:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/22/23 14:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/23 14:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/23 14:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/23 14:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/23 14:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/23 14:56	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/23 14:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/23 14:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/23 14:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/23 14:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/23 14:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/23 14:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/23 14:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/23 14:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/23 14:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/23 14:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/23 14:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/23 14:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/23 14:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/23 14:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/23 14:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/23 14:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/23 14:56	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/23 14:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/23 14:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/23 14:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/23 14:56	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/23 14:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/23 14:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/23 14:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/23 14:56	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/23 14:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/23 14:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/23 14:56	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 MGP J23030238
Pace Project No.: 92658042

Sample: TB-01-20230320 **Lab ID: 92658042017** Collected: 03/20/23 00:00 Received: 03/21/23 15:28 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		03/22/23 14:56	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/23 14:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/23 14:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/23 14:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/23 14:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/23 14:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/23 14:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/23 14:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/23 14:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/23 14:56	108-05-4	v2
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/23 14:56	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/23 14:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/23 14:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/23 14:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/22/23 14:56	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/22/23 14:56	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/22/23 14:56	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: TB-02-20230320 **Lab ID: 92658042018** Collected: 03/20/23 00:00 Received: 03/21/23 15:28 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		03/22/23 15:14	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/23 15:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/23 15:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/23 15:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/23 15:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/23 15:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/23 15:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/23 15:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/23 15:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/23 15:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/23 15:14	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/22/23 15:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/23 15:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/23 15:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/23 15:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/23 15:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/23 15:14	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/23 15:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/23 15:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/23 15:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/23 15:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/23 15:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/23 15:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/23 15:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/23 15:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/23 15:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/23 15:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/23 15:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/23 15:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/23 15:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/23 15:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/23 15:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/23 15:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/23 15:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/23 15:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/23 15:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/23 15:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/23 15:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/23 15:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/23 15:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/23 15:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/23 15:14	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/23 15:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/23 15:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/23 15:14	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 MGP J23030238
Pace Project No.: 92658042

Sample: TB-02-20230320 **Lab ID: 92658042018** Collected: 03/20/23 00:00 Received: 03/21/23 15:28 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		03/22/23 15:14	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/23 15:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/23 15:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/23 15:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/23 15:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/23 15:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/23 15:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/23 15:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/23 15:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/23 15:14	108-05-4	v2
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/23 15:14	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/23 15:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/23 15:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/23 15:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/22/23 15:14	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/22/23 15:14	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/22/23 15:14	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: TB-03-20230320 **Lab ID: 92658042019** Collected: 03/20/23 00:00 Received: 03/21/23 15:28 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		03/24/23 00:42	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 00:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 00:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 00:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 00:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 00:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 00:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 00:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 00:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 00:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 00:42	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/24/23 00:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 00:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 00:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 00:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 00:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 00:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 00:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 00:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 00:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 00:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 00:42	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 00:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 00:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 00:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 00:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 00:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 00:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 00:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 00:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 00:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 00:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 00:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 00:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 00:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 00:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 00:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 00:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 00:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 00:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 00:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 00:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 00:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 00:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 00:42	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: Bramlette MGP J23030238
Pace Project No.: 92658042

Sample: TB-03-20230320 **Lab ID: 92658042019** Collected: 03/20/23 00:00 Received: 03/21/23 15:28 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		03/24/23 00:42	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 00:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 00:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 00:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 00:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 00:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 00:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 00:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 00:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 00:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 00:42	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/24/23 00:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 00:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 00:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/24/23 00:42	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/24/23 00:42	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/24/23 00:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

QC Batch: 763008
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658042016, 92658042017, 92658042018

METHOD BLANK: 3962619 Matrix: Water
Associated Lab Samples: 92658042016, 92658042017, 92658042018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/23 13:45	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/23 13:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/23 13:45	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/23 13:45	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/23 13:45	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/23 13:45	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/23 13:45	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/23 13:45	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/23 13:45	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/23 13:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/23 13:45	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/23 13:45	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/23 13:45	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/23 13:45	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/23 13:45	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/23 13:45	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/23 13:45	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/23 13:45	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/23 13:45	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/23 13:45	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/23 13:45	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/23 13:45	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/23 13:45	
Acetone	ug/L	ND	25.0	5.1	03/22/23 13:45	
Benzene	ug/L	ND	1.0	0.34	03/22/23 13:45	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/23 13:45	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/23 13:45	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/23 13:45	
Bromoform	ug/L	ND	1.0	0.34	03/22/23 13:45	
Bromomethane	ug/L	ND	2.0	1.7	03/22/23 13:45	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/23 13:45	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/23 13:45	
Chloroethane	ug/L	ND	1.0	0.65	03/22/23 13:45	
Chloroform	ug/L	ND	1.0	0.43	03/22/23 13:45	
Chloromethane	ug/L	ND	1.0	0.54	03/22/23 13:45	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/23 13:45	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/23 13:45	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/23 13:45	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/23 13:45	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/23 13:45	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3962619 Matrix: Water
Associated Lab Samples: 92658042016, 92658042017, 92658042018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/23 13:45	
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/23 13:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/23 13:45	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/23 13:45	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/23 13:45	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/23 13:45	
Naphthalene	ug/L	ND	1.0	0.64	03/22/23 13:45	
o-Xylene	ug/L	ND	1.0	0.34	03/22/23 13:45	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/23 13:45	
Styrene	ug/L	ND	1.0	0.29	03/22/23 13:45	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/23 13:45	
Toluene	ug/L	ND	1.0	0.48	03/22/23 13:45	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/23 13:45	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/23 13:45	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/23 13:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/23 13:45	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/23 13:45	v2
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/23 13:45	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/23 13:45	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/22/23 13:45	
4-Bromofluorobenzene (S)	%	99	70-130		03/22/23 13:45	
Toluene-d8 (S)	%	103	70-130		03/22/23 13:45	

LABORATORY CONTROL SAMPLE: 3962620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.4	92	70-130	
1,1,1-Trichloroethane	ug/L	20	17.7	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.0	95	70-130	
1,1,2-Trichloroethane	ug/L	20	17.7	89	70-130	
1,1-Dichloroethane	ug/L	20	17.9	89	70-130	
1,1-Dichloroethene	ug/L	20	18.5	92	70-130	
1,1-Dichloropropene	ug/L	20	19.3	96	70-130	
1,2,3-Trichlorobenzene	ug/L	20	18.7	93	70-130	
1,2,3-Trichloropropane	ug/L	20	18.6	93	70-130	
1,2,4-Trichlorobenzene	ug/L	20	19.0	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.8	84	70-130	
1,2-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,2-Dichloroethane	ug/L	20	17.8	89	70-130	
1,2-Dichloropropane	ug/L	20	17.8	89	70-130	
1,3-Dichlorobenzene	ug/L	20	19.9	100	70-130	
1,3-Dichloropropane	ug/L	20	18.4	92	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	17.6	88	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3962620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	31.8	79	70-130	
2-Chlorotoluene	ug/L	20	20.0	100	70-130	
2-Hexanone	ug/L	40	35.9	90	70-130	
4-Chlorotoluene	ug/L	20	19.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	34.7	87	70-130	
Acetone	ug/L	40	33.9	85	70-130	
Benzene	ug/L	20	18.5	92	70-130	
Bromobenzene	ug/L	20	19.2	96	70-130	
Bromochloromethane	ug/L	20	17.8	89	70-130	
Bromodichloromethane	ug/L	20	16.6	83	70-130	
Bromoform	ug/L	20	17.0	85	70-130	
Bromomethane	ug/L	20	21.4	107	70-130	
Carbon tetrachloride	ug/L	20	18.7	94	70-130	
Chlorobenzene	ug/L	20	18.9	94	70-130	
Chloroethane	ug/L	20	23.0	115	70-130	
Chloroform	ug/L	20	18.1	90	70-130	
Chloromethane	ug/L	20	19.4	97	70-130	
cis-1,2-Dichloroethene	ug/L	20	17.5	87	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.4	87	70-130	
Dibromochloromethane	ug/L	20	17.2	86	70-130	
Dibromomethane	ug/L	20	17.2	86	70-130	
Dichlorodifluoromethane	ug/L	20	21.0	105	70-130	
Diisopropyl ether	ug/L	20	15.7	79	70-130	
Ethylbenzene	ug/L	20	19.3	97	70-130	
Hexachloro-1,3-butadiene	ug/L	20	19.6	98	70-130	
m&p-Xylene	ug/L	40	38.2	96	70-130	
Methyl-tert-butyl ether	ug/L	20	15.5	78	70-130	
Methylene Chloride	ug/L	20	20.3	102	70-130	
Naphthalene	ug/L	20	19.0	95	70-130	
o-Xylene	ug/L	20	18.2	91	70-130	
p-Isopropyltoluene	ug/L	20	20.6	103	70-130	
Styrene	ug/L	20	18.5	92	70-130	
Tetrachloroethene	ug/L	20	17.4	87	70-130	
Toluene	ug/L	20	18.2	91	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.8	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.6	88	70-130	
Trichloroethene	ug/L	20	18.0	90	70-130	
Trichlorofluoromethane	ug/L	20	21.2	106	70-130	
Vinyl acetate	ug/L	40	31.5	79	70-130	v3
Vinyl chloride	ug/L	20	15.9	80	70-130	
Xylene (Total)	ug/L	60	56.4	94	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			99	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3962622

Parameter	Units	92658018004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.6	103	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	20.9	104	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.2	106	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	19.6	98	70-135	
1,1-Dichloroethane	ug/L	ND	20	20.5	103	70-139	
1,1-Dichloroethene	ug/L	ND	20	21.4	107	70-154	
1,1-Dichloropropene	ug/L	ND	20	22.5	113	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	23.7	118	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	21.7	109	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	22.9	114	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.6	93	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	22.4	112	70-133	
1,2-Dichloroethane	ug/L	ND	20	20.2	101	70-137	
1,2-Dichloropropane	ug/L	ND	20	20.9	104	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	23.0	115	70-135	
1,3-Dichloropropane	ug/L	ND	20	20.8	104	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	22.4	112	70-133	
2,2-Dichloropropane	ug/L	ND	20	20.5	102	61-148	
2-Butanone (MEK)	ug/L	ND	40	39.9	100	60-139	
2-Chlorotoluene	ug/L	ND	20	22.5	112	70-144	
2-Hexanone	ug/L	ND	40	43.0	107	65-138	
4-Chlorotoluene	ug/L	ND	20	23.1	115	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40.5	101	65-135	
Acetone	ug/L	ND	40	39.3	98	60-148	
Benzene	ug/L	ND	20	21.4	107	70-151	
Bromobenzene	ug/L	ND	20	21.3	106	70-136	
Bromochloromethane	ug/L	ND	20	19.8	99	70-141	
Bromodichloromethane	ug/L	ND	20	19.0	95	70-138	
Bromoform	ug/L	ND	20	18.7	93	63-130	
Bromomethane	ug/L	ND	20	24.6	123	15-152	v1
Carbon tetrachloride	ug/L	ND	20	22.1	110	70-143	
Chlorobenzene	ug/L	ND	20	21.2	106	70-138	
Chloroethane	ug/L	ND	20	26.8	134	52-163	
Chloroform	ug/L	ND	20	20.3	101	70-139	
Chloromethane	ug/L	ND	20	21.7	108	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	19.7	99	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	19.4	97	70-137	
Dibromochloromethane	ug/L	ND	20	19.5	98	70-134	
Dibromomethane	ug/L	ND	20	19.2	96	70-138	
Dichlorodifluoromethane	ug/L	ND	20	21.6	108	47-155	
Diisopropyl ether	ug/L	ND	20	18.7	93	63-144	
Ethylbenzene	ug/L	ND	20	21.6	108	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	25.2	126	65-149	
m&p-Xylene	ug/L	ND	40	43.4	108	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	18.7	93	54-156	
Methylene Chloride	ug/L	ND	20	20.9	104	42-159	
Naphthalene	ug/L	ND	20	22.1	111	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3962622

Parameter	Units	92658018004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	20.6	103	70-148	
p-Isopropyltoluene	ug/L	ND	20	24.8	124	70-146	
Styrene	ug/L	ND	20	20.5	103	70-135	
Tetrachloroethene	ug/L	ND	20	21.0	105	59-143	
Toluene	ug/L	ND	20	20.5	103	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	20.5	102	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	19.5	97	70-135	
Trichloroethene	ug/L	ND	20	21.3	106	70-147	
Trichlorofluoromethane	ug/L	ND	20	25.0	125	70-148	
Vinyl acetate	ug/L	ND	40	39.1	98	49-151	
Vinyl chloride	ug/L	ND	20	18.0	90	70-156	
Xylene (Total)	ug/L	ND	60	64.0	107	63-158	
1,2-Dichloroethane-d4 (S)	%				105	70-130	
4-Bromofluorobenzene (S)	%				97	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3962621

Parameter	Units	92658018002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658042

SAMPLE DUPLICATE: 3962621

Parameter	Units	92658018002 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v1
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	97	97			
4-Bromofluorobenzene (S)	%	96	97			
Toluene-d8 (S)	%	104	104			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763024 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042009, 92658042010

METHOD BLANK: 3962718 Matrix: Water

Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042009, 92658042010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/23 02:30	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/23 02:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/23 02:30	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/23 02:30	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/23 02:30	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/23 02:30	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/23 02:30	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/23 02:30	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/23 02:30	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/23 02:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/23 02:30	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 02:30	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/23 02:30	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/23 02:30	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 02:30	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/23 02:30	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/23 02:30	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/23 02:30	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/23 02:30	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 02:30	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/23 02:30	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 02:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/23 02:30	
Acetone	ug/L	ND	25.0	5.1	03/23/23 02:30	
Benzene	ug/L	ND	1.0	0.34	03/23/23 02:30	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/23 02:30	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/23 02:30	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/23 02:30	
Bromoform	ug/L	ND	1.0	0.34	03/23/23 02:30	
Bromomethane	ug/L	ND	2.0	1.7	03/23/23 02:30	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/23 02:30	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/23 02:30	
Chloroethane	ug/L	ND	1.0	0.65	03/23/23 02:30	
Chloroform	ug/L	ND	1.0	0.43	03/23/23 02:30	
Chloromethane	ug/L	ND	1.0	0.54	03/23/23 02:30	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/23 02:30	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 02:30	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/23 02:30	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/23 02:30	

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: Bramlette MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3962718 Matrix: Water

Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042009, 92658042010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/23 02:30	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/23 02:30	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/23 02:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/23 02:30	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/23 02:30	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/23 02:30	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/23 02:30	
Naphthalene	ug/L	ND	1.0	0.64	03/23/23 02:30	
o-Xylene	ug/L	ND	1.0	0.34	03/23/23 02:30	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/23 02:30	
Styrene	ug/L	ND	1.0	0.29	03/23/23 02:30	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/23 02:30	
Toluene	ug/L	ND	1.0	0.48	03/23/23 02:30	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/23 02:30	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 02:30	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/23 02:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/23 02:30	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/23 02:30	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/23 02:30	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/23 02:30	
1,2-Dichloroethane-d4 (S)	%	97	70-130		03/23/23 02:30	
4-Bromofluorobenzene (S)	%	97	70-130		03/23/23 02:30	
Toluene-d8 (S)	%	103	70-130		03/23/23 02:30	

LABORATORY CONTROL SAMPLE: 3962719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.7	93	70-130	
1,1,1-Trichloroethane	ug/L	20	17.7	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	96	70-130	
1,1,2-Trichloroethane	ug/L	20	17.3	87	70-130	
1,1-Dichloroethane	ug/L	20	18.0	90	70-130	
1,1-Dichloroethene	ug/L	20	18.4	92	70-130	
1,1-Dichloropropene	ug/L	20	19.2	96	70-130	
1,2,3-Trichlorobenzene	ug/L	20	18.7	94	70-130	
1,2,3-Trichloropropane	ug/L	20	19.0	95	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.4	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.1	85	70-130	
1,2-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,2-Dichloroethane	ug/L	20	17.9	90	70-130	
1,2-Dichloropropane	ug/L	20	18.0	90	70-130	
1,3-Dichlorobenzene	ug/L	20	19.4	97	70-130	
1,3-Dichloropropane	ug/L	20	18.7	94	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3962719

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.2	96	70-130	
2,2-Dichloropropane	ug/L	20	16.4	82	70-130	
2-Butanone (MEK)	ug/L	40	33.7	84	70-130	
2-Chlorotoluene	ug/L	20	19.7	98	70-130	
2-Hexanone	ug/L	40	37.7	94	70-130	
4-Chlorotoluene	ug/L	20	19.3	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	36.1	90	70-130	
Acetone	ug/L	40	37.0	92	70-130	
Benzene	ug/L	20	18.5	93	70-130	
Bromobenzene	ug/L	20	19.0	95	70-130	
Bromochloromethane	ug/L	20	17.2	86	70-130	
Bromodichloromethane	ug/L	20	16.7	84	70-130	
Bromoform	ug/L	20	17.1	86	70-130	
Bromomethane	ug/L	20	21.8	109	70-130	
Carbon tetrachloride	ug/L	20	18.2	91	70-130	
Chlorobenzene	ug/L	20	19.2	96	70-130	
Chloroethane	ug/L	20	23.3	117	70-130	
Chloroform	ug/L	20	18.3	92	70-130	
Chloromethane	ug/L	20	19.6	98	70-130	
cis-1,2-Dichloroethene	ug/L	20	17.7	89	70-130	
cis-1,3-Dichloropropene	ug/L	20	16.9	85	70-130	
Dibromochloromethane	ug/L	20	17.4	87	70-130	
Dibromomethane	ug/L	20	17.3	87	70-130	
Dichlorodifluoromethane	ug/L	20	19.6	98	70-130	
Diisopropyl ether	ug/L	20	16.2	81	70-130	
Ethylbenzene	ug/L	20	19.4	97	70-130	
Hexachloro-1,3-butadiene	ug/L	20	18.6	93	70-130	
m&p-Xylene	ug/L	40	38.5	96	70-130	
Methyl-tert-butyl ether	ug/L	20	16.4	82	70-130	
Methylene Chloride	ug/L	20	20.9	104	70-130	
Naphthalene	ug/L	20	19.2	96	70-130	
o-Xylene	ug/L	20	18.5	93	70-130	
p-Isopropyltoluene	ug/L	20	19.8	99	70-130	
Styrene	ug/L	20	18.6	93	70-130	
Tetrachloroethene	ug/L	20	17.7	89	70-130	
Toluene	ug/L	20	18.0	90	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.7	88	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.2	86	70-130	
Trichloroethene	ug/L	20	18.0	90	70-130	
Trichlorofluoromethane	ug/L	20	21.7	108	70-130	
Vinyl acetate	ug/L	40	32.8	82	70-130	
Vinyl chloride	ug/L	20	15.6	78	70-130	
Xylene (Total)	ug/L	60	57.0	95	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3962721

Parameter	Units	92658042004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	19.1	96	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	18.9	94	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	19.0	95	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	17.5	88	70-135	
1,1-Dichloroethane	ug/L	ND	20	18.8	94	70-139	
1,1-Dichloroethene	ug/L	ND	20	19.9	99	70-154	
1,1-Dichloropropene	ug/L	ND	20	20.4	102	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.7	99	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	18.8	94	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.2	96	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	16.6	83	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	19.4	97	70-133	
1,2-Dichloroethane	ug/L	ND	20	18.3	91	70-137	
1,2-Dichloropropane	ug/L	ND	20	18.5	92	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	19.5	97	70-135	
1,3-Dichloropropane	ug/L	ND	20	18.4	92	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	19.6	98	70-133	
2,2-Dichloropropane	ug/L	ND	20	18.8	94	61-148	
2-Butanone (MEK)	ug/L	ND	40	35.3	88	60-139	
2-Chlorotoluene	ug/L	ND	20	19.8	99	70-144	
2-Hexanone	ug/L	ND	40	39.0	97	65-138	
4-Chlorotoluene	ug/L	ND	20	20.2	101	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	36.8	92	65-135	
Acetone	ug/L	ND	40	36.2	90	60-148	
Benzene	ug/L	ND	20	19.2	96	70-151	
Bromobenzene	ug/L	ND	20	19.2	96	70-136	
Bromochloromethane	ug/L	ND	20	17.8	89	70-141	
Bromodichloromethane	ug/L	ND	20	16.9	85	70-138	
Bromoform	ug/L	ND	20	16.8	84	63-130	
Bromomethane	ug/L	ND	20	23.3	116	15-152	v1
Carbon tetrachloride	ug/L	ND	20	19.7	99	70-143	
Chlorobenzene	ug/L	ND	20	19.6	98	70-138	
Chloroethane	ug/L	ND	20	24.3	121	52-163	
Chloroform	ug/L	ND	20	18.7	93	70-139	
Chloromethane	ug/L	ND	20	20.4	102	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	18.3	91	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	17.4	87	70-137	
Dibromochloromethane	ug/L	ND	20	16.9	84	70-134	
Dibromomethane	ug/L	ND	20	17.3	86	70-138	
Dichlorodifluoromethane	ug/L	ND	20	20.3	101	47-155	
Diisopropyl ether	ug/L	ND	20	16.6	83	63-144	
Ethylbenzene	ug/L	ND	20	19.9	100	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.3	106	65-149	
m&p-Xylene	ug/L	ND	40	39.7	99	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	16.0	80	54-156	
Methylene Chloride	ug/L	ND	20	19.1	95	42-159	
Naphthalene	ug/L	ND	20	19.2	96	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3962721

Parameter	Units	92658042004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	18.8	94	70-148	
p-Isopropyltoluene	ug/L	ND	20	21.2	106	70-146	
Styrene	ug/L	ND	20	18.9	95	70-135	
Tetrachloroethene	ug/L	ND	20	19.1	96	59-143	
Toluene	ug/L	ND	20	19.3	96	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	18.8	94	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	17.3	87	70-135	
Trichloroethene	ug/L	ND	20	19.1	96	70-147	
Trichlorofluoromethane	ug/L	ND	20	23.5	117	70-148	
Vinyl acetate	ug/L	ND	40	33.8	84	49-151	
Vinyl chloride	ug/L	ND	20	16.8	84	70-156	
Xylene (Total)	ug/L	ND	60	58.5	97	63-158	
1,2-Dichloroethane-d4 (S)	%				104	70-130	
4-Bromofluorobenzene (S)	%				97	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 3962720

Parameter	Units	92658042003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658042

SAMPLE DUPLICATE: 3962720

Parameter	Units	92658042003 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v1
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	97	98			
4-Bromofluorobenzene (S)	%	97	97			
Toluene-d8 (S)	%	104	107			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763025 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658042011, 92658042012, 92658042013, 92658042014, 92658042015

METHOD BLANK: 3962729 Matrix: Water

Associated Lab Samples: 92658042011, 92658042012, 92658042013, 92658042014, 92658042015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/23 02:12	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/23 02:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/23 02:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/23 02:12	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/23 02:12	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/23 02:12	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/23 02:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/23 02:12	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/23 02:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/23 02:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/23 02:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 02:12	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/23 02:12	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/23 02:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 02:12	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/23 02:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/23 02:12	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/23 02:12	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/23 02:12	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 02:12	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/23 02:12	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 02:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/23 02:12	
Acetone	ug/L	ND	25.0	5.1	03/23/23 02:12	
Benzene	ug/L	ND	1.0	0.34	03/23/23 02:12	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/23 02:12	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/23 02:12	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/23 02:12	
Bromoform	ug/L	ND	1.0	0.34	03/23/23 02:12	
Bromomethane	ug/L	ND	2.0	1.7	03/23/23 02:12	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/23 02:12	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/23 02:12	
Chloroethane	ug/L	ND	1.0	0.65	03/23/23 02:12	
Chloroform	ug/L	ND	1.0	0.43	03/23/23 02:12	
Chloromethane	ug/L	ND	1.0	0.54	03/23/23 02:12	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/23 02:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 02:12	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/23 02:12	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/23 02:12	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/23 02:12	

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: Bramlette MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3962729 Matrix: Water
Associated Lab Samples: 92658042011, 92658042012, 92658042013, 92658042014, 92658042015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/23 02:12	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/23 02:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/23 02:12	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/23 02:12	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/23 02:12	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/23 02:12	
Naphthalene	ug/L	ND	1.0	0.64	03/23/23 02:12	
o-Xylene	ug/L	ND	1.0	0.34	03/23/23 02:12	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/23 02:12	
Styrene	ug/L	ND	1.0	0.29	03/23/23 02:12	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/23 02:12	
Toluene	ug/L	ND	1.0	0.48	03/23/23 02:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/23 02:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 02:12	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/23 02:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/23 02:12	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/23 02:12	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/23 02:12	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/23 02:12	
1,2-Dichloroethane-d4 (S)	%	95	70-130		03/23/23 02:12	
4-Bromofluorobenzene (S)	%	97	70-130		03/23/23 02:12	
Toluene-d8 (S)	%	106	70-130		03/23/23 02:12	

LABORATORY CONTROL SAMPLE: 3962730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.2	96	70-130	
1,1,1-Trichloroethane	ug/L	20	18.1	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.9	99	70-130	
1,1,2-Trichloroethane	ug/L	20	18.3	92	70-130	
1,1-Dichloroethane	ug/L	20	18.3	91	70-130	
1,1-Dichloroethene	ug/L	20	18.7	93	70-130	
1,1-Dichloropropene	ug/L	20	19.7	98	70-130	
1,2,3-Trichlorobenzene	ug/L	20	19.9	99	70-130	
1,2,3-Trichloropropane	ug/L	20	19.8	99	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.9	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.5	88	70-130	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	18.6	93	70-130	
1,2-Dichloropropane	ug/L	20	18.7	93	70-130	
1,3-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,3-Dichloropropane	ug/L	20	19.4	97	70-130	
1,4-Dichlorobenzene	ug/L	20	20.0	100	70-130	
2,2-Dichloropropane	ug/L	20	16.7	83	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: Bramlette MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3962730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	36.0	90	70-130	
2-Chlorotoluene	ug/L	20	20.2	101	70-130	
2-Hexanone	ug/L	40	40.5	101	70-130	
4-Chlorotoluene	ug/L	20	20.2	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.3	93	70-130	
Acetone	ug/L	40	39.0	97	70-130	
Benzene	ug/L	20	18.8	94	70-130	
Bromobenzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	17.4	87	70-130	
Bromodichloromethane	ug/L	20	17.1	85	70-130	
Bromoform	ug/L	20	17.6	88	70-130	
Bromomethane	ug/L	20	21.0	105	70-130	
Carbon tetrachloride	ug/L	20	18.6	93	70-130	
Chlorobenzene	ug/L	20	19.5	97	70-130	
Chloroethane	ug/L	20	23.6	118	70-130	
Chloroform	ug/L	20	17.9	89	70-130	
Chloromethane	ug/L	20	19.8	99	70-130	
cis-1,2-Dichloroethene	ug/L	20	17.9	90	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.5	87	70-130	
Dibromochloromethane	ug/L	20	18.0	90	70-130	
Dibromomethane	ug/L	20	17.7	89	70-130	
Dichlorodifluoromethane	ug/L	20	20.2	101	70-130	
Diisopropyl ether	ug/L	20	16.6	83	70-130	
Ethylbenzene	ug/L	20	19.8	99	70-130	
Hexachloro-1,3-butadiene	ug/L	20	18.9	94	70-130	
m&p-Xylene	ug/L	40	39.3	98	70-130	
Methyl-tert-butyl ether	ug/L	20	16.8	84	70-130	
Methylene Chloride	ug/L	20	21.1	106	70-130	
Naphthalene	ug/L	20	20.1	100	70-130	
o-Xylene	ug/L	20	18.9	95	70-130	
p-Isopropyltoluene	ug/L	20	20.1	100	70-130	
Styrene	ug/L	20	19.1	96	70-130	
Tetrachloroethene	ug/L	20	18.4	92	70-130	
Toluene	ug/L	20	18.4	92	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.1	91	70-130	
trans-1,3-Dichloropropene	ug/L	20	17.5	87	70-130	
Trichloroethene	ug/L	20	18.5	92	70-130	
Trichlorofluoromethane	ug/L	20	21.7	108	70-130	
Vinyl acetate	ug/L	40	33.7	84	70-130	
Vinyl chloride	ug/L	20	15.9	80	70-130	
Xylene (Total)	ug/L	60	58.3	97	70-130	
1,2-Dichloroethane-d4 (S)	%			105	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3962732

Parameter	Units	92658042012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.4	107	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	21.7	109	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.8	109	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	20.7	104	70-135	
1,1-Dichloroethane	ug/L	ND	20	21.9	110	70-139	
1,1-Dichloroethene	ug/L	ND	20	22.5	113	70-154	
1,1-Dichloropropene	ug/L	ND	20	23.5	117	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	23.6	118	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	22.1	111	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	23.3	116	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.1	95	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	23.5	118	70-133	
1,2-Dichloroethane	ug/L	ND	20	21.6	108	70-137	
1,2-Dichloropropane	ug/L	ND	20	22.0	110	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	23.4	117	70-135	
1,3-Dichloropropane	ug/L	ND	20	21.9	110	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	22.9	114	70-133	
2,2-Dichloropropane	ug/L	ND	20	21.6	108	61-148	
2-Butanone (MEK)	ug/L	ND	40	40.1	100	60-139	
2-Chlorotoluene	ug/L	ND	20	23.4	117	70-144	
2-Hexanone	ug/L	ND	40	45.5	114	65-138	
4-Chlorotoluene	ug/L	ND	20	23.5	117	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	43.5	109	65-135	
Acetone	ug/L	ND	40	39.9	100	60-148	
Benzene	ug/L	ND	20	22.4	112	70-151	
Bromobenzene	ug/L	ND	20	21.9	110	70-136	
Bromochloromethane	ug/L	ND	20	20.9	104	70-141	
Bromodichloromethane	ug/L	ND	20	20.2	101	70-138	
Bromoform	ug/L	ND	20	19.1	95	63-130	
Bromomethane	ug/L	ND	20	26.5	132	15-152	v1
Carbon tetrachloride	ug/L	ND	20	22.7	113	70-143	
Chlorobenzene	ug/L	ND	20	22.4	112	70-138	
Chloroethane	ug/L	ND	20	28.2	141	52-163	
Chloroform	ug/L	0.55J	20	22.0	107	70-139	
Chloromethane	ug/L	ND	20	23.2	116	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	21.4	107	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	20.7	103	70-137	
Dibromochloromethane	ug/L	ND	20	20.4	102	70-134	
Dibromomethane	ug/L	ND	20	20.7	103	70-138	
Dichlorodifluoromethane	ug/L	ND	20	22.8	114	47-155	
Diisopropyl ether	ug/L	ND	20	19.5	98	63-144	
Ethylbenzene	ug/L	ND	20	22.8	114	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	26.2	131	65-149	
m&p-Xylene	ug/L	ND	40	44.7	112	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	19.6	98	54-156	
Methylene Chloride	ug/L	ND	20	22.2	111	42-159	
Naphthalene	ug/L	ND	20	22.4	112	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3962732

Parameter	Units	92658042012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	21.3	107	70-148	
p-Isopropyltoluene	ug/L	ND	20	25.6	128	70-146	
Styrene	ug/L	ND	20	21.7	108	70-135	
Tetrachloroethene	ug/L	ND	20	21.8	109	59-143	
Toluene	ug/L	ND	20	21.7	109	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	21.8	109	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	20.6	103	70-135	
Trichloroethene	ug/L	ND	20	22.1	111	70-147	
Trichlorofluoromethane	ug/L	ND	20	26.8	134	70-148	
Vinyl acetate	ug/L	ND	40	40.0	100	49-151	
Vinyl chloride	ug/L	ND	20	18.8	94	70-156	
Xylene (Total)	ug/L	ND	60	66.0	110	63-158	
1,2-Dichloroethane-d4 (S)	%				104	70-130	
4-Bromofluorobenzene (S)	%				96	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3962731

Parameter	Units	92658042011 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658042

SAMPLE DUPLICATE: 3962731

Parameter	Units	92658042011 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v1
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	98	97			
4-Bromofluorobenzene (S)	%	98	98			
Toluene-d8 (S)	%	104	105			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763369
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658042019

METHOD BLANK: 3964621 Matrix: Water
Associated Lab Samples: 92658042019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/24/23 00:25	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/24/23 00:25	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/24/23 00:25	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/24/23 00:25	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/24/23 00:25	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/24/23 00:25	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/24/23 00:25	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/24/23 00:25	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/24/23 00:25	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/24/23 00:25	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/24/23 00:25	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/24/23 00:25	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/24/23 00:25	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/24/23 00:25	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/24/23 00:25	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/24/23 00:25	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/24/23 00:25	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/24/23 00:25	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/24/23 00:25	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/24/23 00:25	
2-Hexanone	ug/L	ND	5.0	0.48	03/24/23 00:25	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/24/23 00:25	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/24/23 00:25	
Acetone	ug/L	ND	25.0	5.1	03/24/23 00:25	
Benzene	ug/L	ND	1.0	0.34	03/24/23 00:25	
Bromobenzene	ug/L	ND	1.0	0.29	03/24/23 00:25	
Bromochloromethane	ug/L	ND	1.0	0.47	03/24/23 00:25	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/24/23 00:25	
Bromoform	ug/L	ND	1.0	0.34	03/24/23 00:25	
Bromomethane	ug/L	ND	2.0	1.7	03/24/23 00:25	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/24/23 00:25	
Chlorobenzene	ug/L	ND	1.0	0.28	03/24/23 00:25	
Chloroethane	ug/L	ND	1.0	0.65	03/24/23 00:25	
Chloroform	ug/L	ND	1.0	0.43	03/24/23 00:25	
Chloromethane	ug/L	ND	1.0	0.54	03/24/23 00:25	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/24/23 00:25	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/24/23 00:25	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/24/23 00:25	
Dibromomethane	ug/L	ND	1.0	0.39	03/24/23 00:25	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/24/23 00:25	v1

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3964621 Matrix: Water
Associated Lab Samples: 92658042019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/24/23 00:25	
Ethylbenzene	ug/L	ND	1.0	0.30	03/24/23 00:25	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/24/23 00:25	
m&p-Xylene	ug/L	ND	2.0	0.71	03/24/23 00:25	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/24/23 00:25	
Methylene Chloride	ug/L	ND	5.0	2.0	03/24/23 00:25	
Naphthalene	ug/L	ND	1.0	0.64	03/24/23 00:25	
o-Xylene	ug/L	ND	1.0	0.34	03/24/23 00:25	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/24/23 00:25	
Styrene	ug/L	ND	1.0	0.29	03/24/23 00:25	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/24/23 00:25	
Toluene	ug/L	ND	1.0	0.48	03/24/23 00:25	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/24/23 00:25	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/24/23 00:25	
Trichloroethene	ug/L	ND	1.0	0.38	03/24/23 00:25	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/24/23 00:25	
Vinyl acetate	ug/L	ND	2.0	1.3	03/24/23 00:25	
Vinyl chloride	ug/L	ND	1.0	0.39	03/24/23 00:25	
Xylene (Total)	ug/L	ND	1.0	0.34	03/24/23 00:25	
1,2-Dichloroethane-d4 (S)	%	103	70-130		03/24/23 00:25	
4-Bromofluorobenzene (S)	%	102	70-130		03/24/23 00:25	
Toluene-d8 (S)	%	107	70-130		03/24/23 00:25	

LABORATORY CONTROL SAMPLE: 3964622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.4	107	70-130	
1,1,1-Trichloroethane	ug/L	20	20.2	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.2	106	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	104	70-130	
1,1-Dichloroethane	ug/L	20	19.7	98	70-130	
1,1-Dichloroethene	ug/L	20	21.4	107	70-130	
1,1-Dichloropropene	ug/L	20	22.6	113	70-130	
1,2,3-Trichlorobenzene	ug/L	20	22.1	111	70-130	
1,2,3-Trichloropropane	ug/L	20	20.1	101	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.8	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.3	102	70-130	
1,2-Dichlorobenzene	ug/L	20	20.8	104	70-130	
1,2-Dichloroethane	ug/L	20	19.1	95	70-130	
1,2-Dichloropropane	ug/L	20	19.7	98	70-130	
1,3-Dichlorobenzene	ug/L	20	20.6	103	70-130	
1,3-Dichloropropane	ug/L	20	20.9	105	70-130	
1,4-Dichlorobenzene	ug/L	20	20.4	102	70-130	
2,2-Dichloropropane	ug/L	20	21.9	109	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: Bramlette MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3964622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	40.4	101	70-130	
2-Chlorotoluene	ug/L	20	20.7	104	70-130	
2-Hexanone	ug/L	40	41.8	104	70-130	
4-Chlorotoluene	ug/L	20	21.3	106	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.2	98	70-130	
Acetone	ug/L	40	38.8	97	70-130	
Benzene	ug/L	20	20.0	100	70-130	
Bromobenzene	ug/L	20	20.4	102	70-130	
Bromochloromethane	ug/L	20	21.0	105	70-130	
Bromodichloromethane	ug/L	20	19.4	97	70-130	
Bromoform	ug/L	20	20.7	103	70-130	
Bromomethane	ug/L	20	19.7	98	70-130	
Carbon tetrachloride	ug/L	20	20.1	100	70-130	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	18.5	92	70-130	
Chloroform	ug/L	20	20.3	101	70-130	
Chloromethane	ug/L	20	21.5	108	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.7	103	70-130	
Dibromochloromethane	ug/L	20	22.2	111	70-130	
Dibromomethane	ug/L	20	19.0	95	70-130	
Dichlorodifluoromethane	ug/L	20	25.7	129	70-130	v1
Diisopropyl ether	ug/L	20	20.5	103	70-130	
Ethylbenzene	ug/L	20	20.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	20	22.0	110	70-130	
m&p-Xylene	ug/L	40	41.7	104	70-130	
Methyl-tert-butyl ether	ug/L	20	19.4	97	70-130	
Methylene Chloride	ug/L	20	19.5	97	70-130	
Naphthalene	ug/L	20	21.7	109	70-130	
o-Xylene	ug/L	20	20.5	103	70-130	
p-Isopropyltoluene	ug/L	20	21.7	108	70-130	
Styrene	ug/L	20	21.0	105	70-130	
Tetrachloroethene	ug/L	20	21.1	105	70-130	
Toluene	ug/L	20	19.6	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.9	105	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.5	103	70-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Trichlorofluoromethane	ug/L	20	20.6	103	70-130	
Vinyl acetate	ug/L	40	43.6	109	70-130	
Vinyl chloride	ug/L	20	17.4	87	70-130	
Xylene (Total)	ug/L	60	62.2	104	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			99	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3964624

Parameter	Units	92658004002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	24.4	122	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	25.1	125	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	25.1	125	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	24.2	121	70-135	
1,1-Dichloroethane	ug/L	ND	20	23.9	120	70-139	
1,1-Dichloroethene	ug/L	ND	20	26.2	131	70-154	
1,1-Dichloropropene	ug/L	ND	20	27.3	136	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	22.0	110	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	22.9	115	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	21.1	105	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	22.7	113	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	22.5	113	70-133	
1,2-Dichloroethane	ug/L	ND	20	24.4	122	70-137	
1,2-Dichloropropane	ug/L	ND	20	25.7	128	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	21.6	108	70-135	
1,3-Dichloropropane	ug/L	ND	20	24.2	121	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	21.9	109	70-133	
2,2-Dichloropropane	ug/L	ND	20	23.1	116	61-148	
2-Butanone (MEK)	ug/L	ND	40	56.0	140	60-139	M1
2-Chlorotoluene	ug/L	ND	20	23.2	116	70-144	
2-Hexanone	ug/L	ND	40	51.4	129	65-138	
4-Chlorotoluene	ug/L	ND	20	22.5	113	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	47.1	118	65-135	
Acetone	ug/L	17.3J	40	68.1	127	60-148	
Benzene	ug/L	ND	20	25.2	126	70-151	
Bromobenzene	ug/L	ND	20	23.9	120	70-136	
Bromochloromethane	ug/L	ND	20	25.3	127	70-141	
Bromodichloromethane	ug/L	ND	20	23.3	117	70-138	
Bromoform	ug/L	ND	20	23.6	118	63-130	
Bromomethane	ug/L	ND	20	18.5	93	15-152	
Carbon tetrachloride	ug/L	ND	20	25.0	125	70-143	
Chlorobenzene	ug/L	ND	20	23.1	116	70-138	
Chloroethane	ug/L	ND	20	22.3	111	52-163	
Chloroform	ug/L	ND	20	23.6	118	70-139	
Chloromethane	ug/L	ND	20	23.3	116	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	24.0	120	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	23.6	118	70-137	
Dibromochloromethane	ug/L	ND	20	24.0	120	70-134	
Dibromomethane	ug/L	ND	20	24.7	124	70-138	
Dichlorodifluoromethane	ug/L	ND	20	25.0	125	47-155	v1
Diisopropyl ether	ug/L	ND	20	24.9	125	63-144	
Ethylbenzene	ug/L	ND	20	23.2	116	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	22.8	114	65-149	
m&p-Xylene	ug/L	ND	40	45.8	115	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	23.9	120	54-156	
Methylene Chloride	ug/L	ND	20	21.5	108	42-159	
Naphthalene	ug/L	1.3	20	26.0	123	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE SAMPLE: 3964624

Parameter	Units	92658004002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	23.7	118	70-148	
p-Isopropyltoluene	ug/L	ND	20	22.4	112	70-146	
Styrene	ug/L	ND	20	23.4	117	70-135	
Tetrachloroethene	ug/L	ND	20	20.8	104	59-143	
Toluene	ug/L	ND	20	22.1	109	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	25.4	127	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	23.3	116	70-135	
Trichloroethene	ug/L	ND	20	24.4	122	70-147	
Trichlorofluoromethane	ug/L	ND	20	25.1	126	70-148	
Vinyl acetate	ug/L	ND	40	46.8	117	49-151	
Vinyl chloride	ug/L	ND	20	19.8	99	70-156	
Xylene (Total)	ug/L	ND	60	69.5	116	63-158	
1,2-Dichloroethane-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				98	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 3964623

Parameter	Units	92658004001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658042

SAMPLE DUPLICATE: 3964623

Parameter	Units	92658004001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	v1
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	1.1	1.2	10	30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	104	107			
4-Bromofluorobenzene (S)	%	100	103			
Toluene-d8 (S)	%	107	108			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763562 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042010, 92658042011, 92658042012, 92658042013

METHOD BLANK: 3965512 Matrix: Water
Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042010, 92658042011, 92658042012, 92658042013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/26/23 12:49	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/26/23 12:49	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/26/23 12:49	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/26/23 12:49	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/26/23 12:49	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/26/23 12:49	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/26/23 12:49	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/26/23 12:49	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/26/23 12:49	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/26/23 12:49	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/26/23 12:49	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/26/23 12:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/26/23 12:49	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/26/23 12:49	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/26/23 12:49	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/26/23 12:49	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/26/23 12:49	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/26/23 12:49	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/26/23 12:49	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/26/23 12:49	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/26/23 12:49	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/26/23 12:49	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/26/23 12:49	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/26/23 12:49	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/26/23 12:49	
Acenaphthene	ug/L	ND	10.0	2.0	03/26/23 12:49	
Acenaphthylene	ug/L	ND	10.0	2.0	03/26/23 12:49	
Aniline	ug/L	ND	10.0	1.6	03/26/23 12:49	
Anthracene	ug/L	ND	10.0	2.3	03/26/23 12:49	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/26/23 12:49	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/26/23 12:49	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/26/23 12:49	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/26/23 12:49	
Benzoic Acid	ug/L	ND	50.0	22.0	03/26/23 12:49	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/26/23 12:49	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/26/23 12:49	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/26/23 12:49	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/26/23 12:49	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/26/23 12:49	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3965512 Matrix: Water

Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042010, 92658042011, 92658042012, 92658042013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	03/26/23 12:49	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/26/23 12:49	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/26/23 12:49	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/26/23 12:49	
Dibenzofuran	ug/L	ND	10.0	2.1	03/26/23 12:49	
Diethylphthalate	ug/L	ND	10.0	2.0	03/26/23 12:49	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/26/23 12:49	
Fluoranthene	ug/L	ND	10.0	2.2	03/26/23 12:49	
Fluorene	ug/L	ND	10.0	2.1	03/26/23 12:49	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/26/23 12:49	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/26/23 12:49	
Hexachloroethane	ug/L	ND	10.0	1.4	03/26/23 12:49	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/26/23 12:49	
Isophorone	ug/L	ND	10.0	1.7	03/26/23 12:49	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/26/23 12:49	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/26/23 12:49	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/26/23 12:49	
Nitrobenzene	ug/L	ND	10.0	1.9	03/26/23 12:49	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/26/23 12:49	
Phenanthrene	ug/L	ND	10.0	2.0	03/26/23 12:49	
Phenol	ug/L	ND	10.0	1.4	03/26/23 12:49	
Pyrene	ug/L	ND	10.0	2.2	03/26/23 12:49	
2,4,6-Tribromophenol (S)	%	87	10-164		03/26/23 12:49	
2-Fluorobiphenyl (S)	%	79	10-130		03/26/23 12:49	
2-Fluorophenol (S)	%	66	10-130		03/26/23 12:49	
Nitrobenzene-d5 (S)	%	91	10-138		03/26/23 12:49	
Phenol-d6 (S)	%	56	10-130		03/26/23 12:49	
Terphenyl-d14 (S)	%	96	19-191		03/26/23 12:49	

LABORATORY CONTROL SAMPLE: 3965513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	54.5	109	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	50.6	101	21-135	
2,4,5-Trichlorophenol	ug/L	50	57.3	115	38-147	
2,4,6-Trichlorophenol	ug/L	50	57.2	114	34-142	
2,4-Dichlorophenol	ug/L	50	55.5	111	36-136	
2,4-Dimethylphenol	ug/L	50	90.3	181	38-134	L1
2,4-Dinitrophenol	ug/L	250	318	127	10-169	
2,4-Dinitrotoluene	ug/L	50	65.7	131	44-154	
2,6-Dinitrotoluene	ug/L	50	64.2	128	44-156	
2-Chloronaphthalene	ug/L	50	52.8	106	25-130	
2-Chlorophenol	ug/L	50	52.3	105	29-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3965513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	53.6	107	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	55.7	111	31-130	
2-Nitroaniline	ug/L	100	122	122	39-145	
2-Nitrophenol	ug/L	50	55.7	111	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	53.7	107	30-130	
3,3'-Dichlorobenzidine	ug/L	100	104	104	44-158	
3-Nitroaniline	ug/L	100	126	126	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	124	124	39-158	
4-Bromophenylphenyl ether	ug/L	50	53.8	108	47-147	
4-Chloro-3-methylphenol	ug/L	100	121	121	40-138	
4-Chloroaniline	ug/L	100	102	102	35-130	
4-Chlorophenylphenyl ether	ug/L	50	58.2	116	36-139	
4-Nitroaniline	ug/L	100	128	128	46-157	
4-Nitrophenol	ug/L	250	212	85	17-130	
Acenaphthene	ug/L	50	56.9	114	34-135	
Acenaphthylene	ug/L	50	55.8	112	35-137	
Aniline	ug/L	50	23.9	48	25-130	
Anthracene	ug/L	50	51.4	103	47-146	
Benzo(a)anthracene	ug/L	50	56.5	113	48-160	
Benzo(b)fluoranthene	ug/L	50	63.0	126	49-171	
Benzo(g,h,i)perylene	ug/L	50	52.0	104	46-166	
Benzo(k)fluoranthene	ug/L	50	63.6	127	55-162	
Benzoic Acid	ug/L	250	210	84	10-130	
Benzyl alcohol	ug/L	100	118	118	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	58.5	117	33-136	
bis(2-Chloroethyl) ether	ug/L	50	56.5	113	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	60.2	120	46-173	
Butylbenzylphthalate	ug/L	50	61.8	124	53-169	
Chrysene	ug/L	50	53.8	108	54-152	
Di-n-butylphthalate	ug/L	50	63.4	127	49-161	
Di-n-octylphthalate	ug/L	50	59.7	119	50-166	
Dibenz(a,h)anthracene	ug/L	50	53.2	106	46-166	
Dibenzofuran	ug/L	50	57.2	114	37-136	
Diethylphthalate	ug/L	50	63.2	126	45-149	
Dimethylphthalate	ug/L	50	60.5	121	43-145	
Fluoranthene	ug/L	50	60.9	122	50-153	
Fluorene	ug/L	50	60.2	120	42-142	
Hexachlorobenzene	ug/L	50	53.1	106	44-138	
Hexachlorocyclopentadiene	ug/L	50	43.7	87	10-130	
Hexachloroethane	ug/L	50	33.2	66	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	54.7	109	46-166	
Isophorone	ug/L	50	60.9	122	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	62.1	124	33-140	
N-Nitrosodimethylamine	ug/L	50	56.3	113	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	55.2	110	46-144	
Nitrobenzene	ug/L	50	56.8	114	33-133	
Pentachlorophenol	ug/L	100	129	129	21-163	

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: Bramlette MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3965513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	58.9	118	47-146	
Phenol	ug/L	50	40.1	80	19-130	
Pyrene	ug/L	50	58.4	117	53-155	
2,4,6-Tribromophenol (S)	%			116	10-164	
2-Fluorobiphenyl (S)	%			105	10-130	
2-Fluorophenol (S)	%			87	10-130	
Nitrobenzene-d5 (S)	%			113	10-138	
Phenol-d6 (S)	%			78	10-130	
Terphenyl-d14 (S)	%			115	19-191	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763826
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658042014, 92658042015, 92658042016

METHOD BLANK: 3966908 Matrix: Water
Associated Lab Samples: 92658042014, 92658042015, 92658042016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/26/23 14:31	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/26/23 14:31	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/26/23 14:31	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/26/23 14:31	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/26/23 14:31	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/26/23 14:31	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/26/23 14:31	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/26/23 14:31	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/26/23 14:31	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/26/23 14:31	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/26/23 14:31	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/26/23 14:31	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/26/23 14:31	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/26/23 14:31	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/26/23 14:31	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/26/23 14:31	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/26/23 14:31	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/26/23 14:31	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/26/23 14:31	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/26/23 14:31	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/26/23 14:31	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/26/23 14:31	
Acenaphthene	ug/L	ND	10.0	2.0	03/26/23 14:31	
Acenaphthylene	ug/L	ND	10.0	2.0	03/26/23 14:31	
Aniline	ug/L	ND	10.0	1.6	03/26/23 14:31	
Anthracene	ug/L	ND	10.0	2.3	03/26/23 14:31	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/26/23 14:31	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/26/23 14:31	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/26/23 14:31	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/26/23 14:31	
Benzoic Acid	ug/L	ND	50.0	22.0	03/26/23 14:31	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/26/23 14:31	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/26/23 14:31	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/26/23 14:31	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/26/23 14:31	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/26/23 14:31	
Chrysene	ug/L	ND	10.0	2.8	03/26/23 14:31	

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: Bramlette MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3966908 Matrix: Water
Associated Lab Samples: 92658042014, 92658042015, 92658042016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/26/23 14:31	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/26/23 14:31	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/26/23 14:31	
Dibenzofuran	ug/L	ND	10.0	2.1	03/26/23 14:31	
Diethylphthalate	ug/L	ND	10.0	2.0	03/26/23 14:31	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/26/23 14:31	
Fluoranthene	ug/L	ND	10.0	2.2	03/26/23 14:31	
Fluorene	ug/L	ND	10.0	2.1	03/26/23 14:31	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/26/23 14:31	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/26/23 14:31	
Hexachloroethane	ug/L	ND	10.0	1.4	03/26/23 14:31	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/26/23 14:31	
Isophorone	ug/L	ND	10.0	1.7	03/26/23 14:31	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/26/23 14:31	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/26/23 14:31	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/26/23 14:31	
Nitrobenzene	ug/L	ND	10.0	1.9	03/26/23 14:31	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/26/23 14:31	
Phenanthrene	ug/L	ND	10.0	2.0	03/26/23 14:31	
Phenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
Pyrene	ug/L	ND	10.0	2.2	03/26/23 14:31	
2,4,6-Tribromophenol (S)	%	100	10-164		03/26/23 14:31	
2-Fluorobiphenyl (S)	%	85	10-130		03/26/23 14:31	
2-Fluorophenol (S)	%	76	10-130		03/26/23 14:31	
Nitrobenzene-d5 (S)	%	98	10-138		03/26/23 14:31	
Phenol-d6 (S)	%	63	10-130		03/26/23 14:31	
Terphenyl-d14 (S)	%	120	19-191		03/26/23 14:31	

LABORATORY CONTROL SAMPLE: 3966909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	52.3	105	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	45.8	92	21-135	
2,4,5-Trichlorophenol	ug/L	50	55.3	111	38-147	
2,4,6-Trichlorophenol	ug/L	50	52.3	105	34-142	
2,4-Dichlorophenol	ug/L	50	52.3	105	36-136	
2,4-Dimethylphenol	ug/L	50	83.8	168	38-134	L1
2,4-Dinitrophenol	ug/L	250	284	114	10-169	
2,4-Dinitrotoluene	ug/L	50	60.3	121	44-154	
2,6-Dinitrotoluene	ug/L	50	59.9	120	44-156	
2-Chloronaphthalene	ug/L	50	51.3	103	25-130	
2-Chlorophenol	ug/L	50	48.9	98	29-130	
2-Methylnaphthalene	ug/L	50	51.1	102	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	50.3	101	31-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3966909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	116	116	39-145	
2-Nitrophenol	ug/L	50	53.9	108	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	49.6	99	30-130	
3,3'-Dichlorobenzidine	ug/L	100	111	111	44-158	
3-Nitroaniline	ug/L	100	120	120	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	39-158	
4-Bromophenylphenyl ether	ug/L	50	53.6	107	47-147	
4-Chloro-3-methylphenol	ug/L	100	112	112	40-138	
4-Chloroaniline	ug/L	100	102	102	35-130	
4-Chlorophenylphenyl ether	ug/L	50	53.7	107	36-139	
4-Nitroaniline	ug/L	100	123	123	46-157	
4-Nitrophenol	ug/L	250	202	81	17-130	
Acenaphthene	ug/L	50	53.1	106	34-135	
Acenaphthylene	ug/L	50	51.7	103	35-137	
Aniline	ug/L	50	23.2	46	25-130	
Anthracene	ug/L	50	50.7	101	47-146	
Benzo(a)anthracene	ug/L	50	57.5	115	48-160	
Benzo(b)fluoranthene	ug/L	50	60.3	121	49-171	
Benzo(g,h,i)perylene	ug/L	50	66.0	132	46-166	
Benzo(k)fluoranthene	ug/L	50	62.0	124	55-162	
Benzoic Acid	ug/L	250	189	76	10-130	
Benzyl alcohol	ug/L	100	108	108	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	55.0	110	33-136	
bis(2-Chloroethyl) ether	ug/L	50	52.3	105	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	57.8	116	46-173	
Butylbenzylphthalate	ug/L	50	58.1	116	53-169	
Chrysene	ug/L	50	57.9	116	54-152	
Di-n-butylphthalate	ug/L	50	57.7	115	49-161	
Di-n-octylphthalate	ug/L	50	60.9	122	50-166	
Dibenz(a,h)anthracene	ug/L	50	64.8	130	46-166	
Dibenzofuran	ug/L	50	52.9	106	37-136	
Diethylphthalate	ug/L	50	56.2	112	45-149	
Dimethylphthalate	ug/L	50	56.0	112	43-145	
Fluoranthene	ug/L	50	61.7	123	50-153	
Fluorene	ug/L	50	54.3	109	42-142	
Hexachlorobenzene	ug/L	50	53.8	108	44-138	
Hexachlorocyclopentadiene	ug/L	50	40.8	82	10-130	
Hexachloroethane	ug/L	50	26.0	52	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	66.9	134	46-166	
Isophorone	ug/L	50	56.9	114	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	55.8	112	33-140	
N-Nitrosodimethylamine	ug/L	50	50.7	101	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	55.1	110	46-144	
Nitrobenzene	ug/L	50	55.5	111	33-133	
Pentachlorophenol	ug/L	100	123	123	21-163	
Phenanthrene	ug/L	50	57.5	115	47-146	
Phenol	ug/L	50	34.4	69	19-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3966909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	54.4	109	53-155	
2,4,6-Tribromophenol (S)	%			120	10-164	
2-Fluorobiphenyl (S)	%			104	10-130	
2-Fluorophenol (S)	%			88	10-130	
Nitrobenzene-d5 (S)	%			116	10-138	
Phenol-d6 (S)	%			74	10-130	
Terphenyl-d14 (S)	%			118	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966910 3966911

Parameter	Units	92658356001 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	100	100	101	97.6	101	98	10-131	3	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	104	86.3	104	86	11-143	18	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	119	120	119	120	10-170	1	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	117	119	117	119	10-166	2	30	
2,4-Dichlorophenol	ug/L	ND	100	100	117	113	117	113	10-153	4	30	
2,4-Dimethylphenol	ug/L	ND	100	100	181	177	181	177	20-147	2	30	M0
2,4-Dinitrophenol	ug/L	ND	500	500	653	679	131	136	10-172	4	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	139	140	139	140	30-164	0	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	131	132	131	132	31-163	1	30	
2-Chloronaphthalene	ug/L	ND	100	100	105	106	105	106	15-134	1	30	
2-Chlorophenol	ug/L	ND	100	100	107	103	107	103	10-139	5	30	
2-Methylnaphthalene	ug/L	ND	100	100	99.3	91.8	99	92	12-130	8	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	113	111	113	111	19-132	2	30	
2-Nitroaniline	ug/L	ND	200	200	250	254	125	127	23-154	2	30	
2-Nitrophenol	ug/L	ND	100	100	116	115	116	115	10-159	1	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	108	106	108	106	13-136	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	213	225	107	112	10-178	5	30	
3-Nitroaniline	ug/L	ND	200	200	263	269	131	134	20-166	2	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	264	256	132	128	10-187	3	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	114	111	114	111	31-157	3	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	243	244	121	122	27-146	0	30	
4-Chloroaniline	ug/L	ND	200	200	222	221	111	110	13-143	1	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	116	116	116	116	23-149	0	30	
4-Nitroaniline	ug/L	ND	200	200	276	281	138	140	24-171	2	30	
4-Nitrophenol	ug/L	ND	500	500	397	447	79	89	10-130	12	30	
Acenaphthene	ug/L	ND	100	100	112	112	112	112	21-147	0	30	
Acenaphthylene	ug/L	ND	100	100	111	113	111	113	19-150	1	30	
Aniline	ug/L	ND	100	100	61.5	60.4	61	60	10-130	2	30	
Anthracene	ug/L	ND	100	100	111	109	111	109	36-152	2	30	
Benzo(a)anthracene	ug/L	ND	100	100	122	123	122	123	42-163	1	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	128	125	128	125	40-177	2	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	120	118	120	118	38-174	2	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966910 3966911

Parameter	Units	92658356001 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	100	100	124	126	124	126	41-171	1	30	
Benzoic Acid	ug/L	ND	500	500	394	434	79	87	10-130	10	30	
Benzyl alcohol	ug/L	ND	200	200	239	234	119	117	18-141	2	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	118	114	118	114	19-146	4	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	118	113	118	113	19-151	4	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	134	131	134	131	42-168	2	30	
Butylbenzylphthalate	ug/L	ND	100	100	134	131	134	131	42-177	2	30	
Chrysene	ug/L	ND	100	100	119	120	119	120	43-159	1	30	
Di-n-butylphthalate	ug/L	ND	100	100	137	130	137	130	42-160	5	30	
Di-n-octylphthalate	ug/L	ND	100	100	128	137	128	137	42-171	6	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	116	115	116	115	40-171	1	30	
Dibenzofuran	ug/L	ND	100	100	116	117	116	117	23-147	1	30	
Diethylphthalate	ug/L	ND	100	100	126	128	126	128	33-157	1	30	
Dimethylphthalate	ug/L	ND	100	100	123	125	123	125	27-154	2	30	
Fluoranthene	ug/L	ND	100	100	139	137	139	137	42-157	2	30	
Fluorene	ug/L	ND	100	100	121	119	121	119	25-155	1	30	
Hexachlorobenzene	ug/L	ND	100	100	113	114	113	114	32-145	1	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	71.3	64.9	71	65	10-130	9	30	
Hexachloroethane	ug/L	ND	100	100	70.3	12.8J	70	13	10-130		30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	118	116	118	116	39-174	2	30	
Isophorone	ug/L	ND	100	100	127	119	127	119	19-146	6	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	124	118	124	118	20-150	5	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	110	110	110	110	13-130	0	30	v1
N-Nitrosodiphenylamine	ug/L	ND	100	100	119	117	119	117	33-149	2	30	
Nitrobenzene	ug/L	ND	100	100	118	107	118	107	19-145	9	30	
Pentachlorophenol	ug/L	ND	200	200	273	269	137	135	10-188	1	30	
Phenanthrene	ug/L	ND	100	100	125	120	125	120	38-150	4	30	
Phenol	ug/L	ND	100	100	75.9	75.5	76	76	10-130	1	30	
Pyrene	ug/L	ND	100	100	120	112	120	112	42-163	7	30	
2,4,6-Tribromophenol (S)	%						110	99	10-164			
2-Fluorobiphenyl (S)	%						93	88	10-130			
2-Fluorophenol (S)	%						77	74	10-130			
Nitrobenzene-d5 (S)	%						106	95	10-138			
Phenol-d6 (S)	%						63	64	10-130			
Terphenyl-d14 (S)	%						104	98	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763974
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658042009

METHOD BLANK: 3967323 Matrix: Water
Associated Lab Samples: 92658042009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/28/23 09:29	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/28/23 09:29	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/28/23 09:29	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/28/23 09:29	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/28/23 09:29	v1
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/28/23 09:29	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/28/23 09:29	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/28/23 09:29	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/28/23 09:29	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/28/23 09:29	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/28/23 09:29	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/28/23 09:29	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/28/23 09:29	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/28/23 09:29	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/28/23 09:29	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/28/23 09:29	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/28/23 09:29	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/28/23 09:29	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/28/23 09:29	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/28/23 09:29	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/28/23 09:29	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/28/23 09:29	
Acenaphthene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Acenaphthylene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Aniline	ug/L	ND	10.0	1.6	03/28/23 09:29	
Anthracene	ug/L	ND	10.0	2.3	03/28/23 09:29	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/28/23 09:29	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/28/23 09:29	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/28/23 09:29	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/28/23 09:29	
Benzoic Acid	ug/L	ND	50.0	22.0	03/28/23 09:29	v1
Benzyl alcohol	ug/L	ND	20.0	2.9	03/28/23 09:29	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/28/23 09:29	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/28/23 09:29	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/28/23 09:29	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/28/23 09:29	
Chrysene	ug/L	ND	10.0	2.8	03/28/23 09:29	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

METHOD BLANK: 3967323 Matrix: Water
Associated Lab Samples: 92658042009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/28/23 09:29	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/28/23 09:29	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/28/23 09:29	
Dibenzofuran	ug/L	ND	10.0	2.1	03/28/23 09:29	
Diethylphthalate	ug/L	ND	10.0	2.0	03/28/23 09:29	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/28/23 09:29	
Fluoranthene	ug/L	ND	10.0	2.2	03/28/23 09:29	
Fluorene	ug/L	ND	10.0	2.1	03/28/23 09:29	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/28/23 09:29	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/28/23 09:29	
Hexachloroethane	ug/L	ND	10.0	1.4	03/28/23 09:29	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/28/23 09:29	
Isophorone	ug/L	ND	10.0	1.7	03/28/23 09:29	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/28/23 09:29	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/28/23 09:29	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/28/23 09:29	
Nitrobenzene	ug/L	ND	10.0	1.9	03/28/23 09:29	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/28/23 09:29	
Phenanthrene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Phenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
Pyrene	ug/L	ND	10.0	2.2	03/28/23 09:29	
2,4,6-Tribromophenol (S)	%	73	10-164		03/28/23 09:29	
2-Fluorobiphenyl (S)	%	62	10-130		03/28/23 09:29	
2-Fluorophenol (S)	%	59	10-130		03/28/23 09:29	
Nitrobenzene-d5 (S)	%	75	10-138		03/28/23 09:29	
Phenol-d6 (S)	%	50	10-130		03/28/23 09:29	
Terphenyl-d14 (S)	%	82	19-191		03/28/23 09:29	

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.7	87	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	38.8	78	21-135	
2,4,5-Trichlorophenol	ug/L	50	44.4	89	38-147	
2,4,6-Trichlorophenol	ug/L	50	42.9	86	34-142	
2,4-Dichlorophenol	ug/L	50	42.0	84	36-136	
2,4-Dimethylphenol	ug/L	50	66.7	133	38-134	
2,4-Dinitrophenol	ug/L	250	247	99	10-169	v1
2,4-Dinitrotoluene	ug/L	50	46.9	94	44-154	
2,6-Dinitrotoluene	ug/L	50	45.2	90	44-156	
2-Chloronaphthalene	ug/L	50	38.1	76	25-130	
2-Chlorophenol	ug/L	50	40.5	81	29-130	
2-Methylnaphthalene	ug/L	50	41.1	82	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.6	83	31-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	84.4	84	39-145	
2-Nitrophenol	ug/L	50	44.6	89	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.0	82	30-130	
3,3'-Dichlorobenzidine	ug/L	100	83.2	83	44-158	
3-Nitroaniline	ug/L	100	89.4	89	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	85.9	86	39-158	
4-Bromophenylphenyl ether	ug/L	50	38.1	76	47-147	
4-Chloro-3-methylphenol	ug/L	100	90.8	91	40-138	
4-Chloroaniline	ug/L	100	78.9	79	35-130	
4-Chlorophenylphenyl ether	ug/L	50	40.8	82	36-139	
4-Nitroaniline	ug/L	100	94.7	95	46-157	
4-Nitrophenol	ug/L	250	155	62	17-130	
Acenaphthene	ug/L	50	40.7	81	34-135	
Acenaphthylene	ug/L	50	40.5	81	35-137	
Aniline	ug/L	50	30.7	61	25-130	
Anthracene	ug/L	50	37.1	74	47-146	
Benzo(a)anthracene	ug/L	50	41.0	82	48-160	
Benzo(b)fluoranthene	ug/L	50	39.9	80	49-171	
Benzo(g,h,i)perylene	ug/L	50	38.4	77	46-166	
Benzo(k)fluoranthene	ug/L	50	39.7	79	55-162	
Benzoic Acid	ug/L	250	165	66	10-130	v1
Benzyl alcohol	ug/L	100	84.6	85	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	42.1	84	33-136	
bis(2-Chloroethyl) ether	ug/L	50	40.8	82	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.5	83	46-173	
Butylbenzylphthalate	ug/L	50	42.7	85	53-169	
Chrysene	ug/L	50	38.8	78	54-152	
Di-n-butylphthalate	ug/L	50	43.2	86	49-161	
Di-n-octylphthalate	ug/L	50	44.7	89	50-166	
Dibenz(a,h)anthracene	ug/L	50	39.5	79	46-166	
Dibenzofuran	ug/L	50	39.6	79	37-136	
Diethylphthalate	ug/L	50	44.0	88	45-149	
Dimethylphthalate	ug/L	50	42.5	85	43-145	
Fluoranthene	ug/L	50	43.0	86	50-153	
Fluorene	ug/L	50	42.1	84	42-142	
Hexachlorobenzene	ug/L	50	37.8	76	44-138	
Hexachlorocyclopentadiene	ug/L	50	39.7	79	10-130	
Hexachloroethane	ug/L	50	39.2	78	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.3	79	46-166	
Isophorone	ug/L	50	45.4	91	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	45.2	90	33-140	
N-Nitrosodimethylamine	ug/L	50	41.0	82	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	39.2	78	46-144	
Nitrobenzene	ug/L	50	40.9	82	33-133	
Pentachlorophenol	ug/L	100	87.9	88	21-163	
Phenanthrene	ug/L	50	40.4	81	47-146	
Phenol	ug/L	50	31.8	64	19-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	39.3	79	53-155	
2,4,6-Tribromophenol (S)	%			92	10-164	
2-Fluorobiphenyl (S)	%			86	10-130	
2-Fluorophenol (S)	%			70	10-130	
Nitrobenzene-d5 (S)	%			92	10-138	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			89	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967325 3967326

Parameter	Units	92658638016 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	2.6J	90.9	90.9	80.9	91.4	86	98	10-131	12	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	90.9	90.9	76.3	81.6	84	90	11-143	7	30	
2,4,5-Trichlorophenol	ug/L	ND	90.9	90.9	90.8	93.2	100	103	10-170	3	30	
2,4,6-Trichlorophenol	ug/L	ND	90.9	90.9	88.0	88.7	97	98	10-166	1	30	
2,4-Dichlorophenol	ug/L	ND	90.9	90.9	83.8	87.9	92	97	10-153	5	30	
2,4-Dimethylphenol	ug/L	ND	90.9	90.9	142	139	156	153	20-147	2	30	M1
2,4-Dinitrophenol	ug/L	ND	455	455	561	578	123	127	10-172	3	30	v1
2,4-Dinitrotoluene	ug/L	ND	90.9	90.9	105	109	115	120	30-164	4	30	
2,6-Dinitrotoluene	ug/L	ND	90.9	90.9	96.0	102	106	112	31-163	6	30	
2-Chloronaphthalene	ug/L	ND	90.9	90.9	79.0	85.7	87	94	15-134	8	30	
2-Chlorophenol	ug/L	ND	90.9	90.9	80.2	82.3	88	90	10-139	3	30	
2-Methylnaphthalene	ug/L	ND	90.9	90.9	76.9	91.1	85	100	12-130	17	30	
2-Methylphenol(o-Cresol)	ug/L	ND	90.9	90.9	88.9	86.1	98	95	19-132	3	30	
2-Nitroaniline	ug/L	ND	182	182	184	188	101	103	23-154	2	30	
2-Nitrophenol	ug/L	ND	90.9	90.9	87.7	91.2	96	100	10-159	4	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	90.9	90.9	88.3	85.5	97	94	13-136	3	30	
3,3'-Dichlorobenzidine	ug/L	ND	182	182	179	188	99	103	10-178	5	30	
3-Nitroaniline	ug/L	ND	182	182	197	203	108	112	20-166	3	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	182	182	196	204	108	112	10-187	4	30	
4-Bromophenylphenyl ether	ug/L	ND	90.9	90.9	81.3	83.0	89	91	31-157	2	30	
4-Chloro-3-methylphenol	ug/L	ND	182	182	192	193	106	106	27-146	0	30	
4-Chloroaniline	ug/L	ND	182	182	162	173	89	95	13-143	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	90.9	90.9	86.1	88.6	95	97	23-149	3	30	
4-Nitroaniline	ug/L	ND	182	182	207	216	114	119	24-171	4	30	
4-Nitrophenol	ug/L	ND	455	455	328	351	72	77	10-130	7	30	
Acenaphthene	ug/L	ND	90.9	90.9	83.4	88.8	90	96	21-147	6	30	
Acenaphthylene	ug/L	ND	90.9	90.9	83.2	88.3	91	97	19-150	6	30	
Aniline	ug/L	ND	90.9	90.9	50.5	57.7	56	64	10-130	13	30	
Anthracene	ug/L	ND	90.9	90.9	76.0	79.4	84	87	36-152	4	30	
Benzo(a)anthracene	ug/L	ND	90.9	90.9	93.0	97.5	102	107	42-163	5	30	
Benzo(b)fluoranthene	ug/L	ND	90.9	90.9	89.7	95.0	99	105	40-177	6	30	
Benzo(g,h,i)perylene	ug/L	ND	90.9	90.9	88.4	94.0	97	103	38-174	6	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: Bramlette MGP J23030238
Pace Project No.: 92658042

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967325 3967326

Parameter	Units	92658638016 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	90.9	90.9	87.7	92.6	96	102	41-171	6	30	
Benzoic Acid	ug/L	ND	455	455	340	359	75	79	10-130	5	30	v1
Benzyl alcohol	ug/L	ND	182	182	179	187	98	103	18-141	4	30	
bis(2-Chloroethoxy)methane	ug/L	ND	90.9	90.9	89.1	91.0	98	100	19-146	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	90.9	90.9	89.4	89.3	98	98	19-151	0	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	90.9	90.9	96.3	102	106	112	42-168	6	30	
Butylbenzylphthalate	ug/L	ND	90.9	90.9	97.8	104	108	115	42-177	6	30	
Chrysene	ug/L	ND	90.9	90.9	86.3	91.9	95	101	43-159	6	30	
Di-n-butylphthalate	ug/L	ND	90.9	90.9	95.1	98.2	105	108	42-160	3	30	
Di-n-octylphthalate	ug/L	ND	90.9	90.9	103	109	113	120	42-171	6	30	
Dibenz(a,h)anthracene	ug/L	ND	90.9	90.9	88.4	91.2	97	100	40-171	3	30	
Dibenzofuran	ug/L	ND	90.9	90.9	85.0	88.7	94	98	23-147	4	30	
Diethylphthalate	ug/L	ND	90.9	90.9	96.7	99.8	106	110	33-157	3	30	
Dimethylphthalate	ug/L	ND	90.9	90.9	92.9	95.2	102	105	27-154	2	30	
Fluoranthene	ug/L	ND	90.9	90.9	95.0	98.0	104	108	42-157	3	30	
Fluorene	ug/L	ND	90.9	90.9	88.6	91.6	97	101	25-155	3	30	
Hexachlorobenzene	ug/L	ND	90.9	90.9	79.7	81.2	88	89	32-145	2	30	
Hexachlorocyclopentadiene	ug/L	ND	90.9	90.9	61.4	76.7	68	84	10-130	22	30	
Hexachloroethane	ug/L	ND	90.9	90.9	54.3	67.7	60	75	10-130	22	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	90.9	90.9	89.7	94.2	99	104	39-174	5	30	
Isophorone	ug/L	ND	90.9	90.9	92.4	95.1	102	105	19-146	3	30	
N-Nitroso-di-n-propylamine	ug/L	ND	90.9	90.9	94.0	96.9	103	107	20-150	3	30	
N-Nitrosodimethylamine	ug/L	ND	90.9	90.9	82.1	85.4	90	94	13-130	4	30	v1
N-Nitrosodiphenylamine	ug/L	ND	90.9	90.9	82.6	83.4	91	92	33-149	1	30	
Nitrobenzene	ug/L	ND	90.9	90.9	86.0	89.2	95	98	19-145	4	30	
Pentachlorophenol	ug/L	ND	182	182	203	211	112	116	10-188	4	30	
Phenanthrene	ug/L	ND	90.9	90.9	84.6	88.6	93	97	38-150	5	30	
Phenol	ug/L	ND	90.9	90.9	63.3	61.8	70	68	10-130	2	30	
Pyrene	ug/L	ND	90.9	90.9	88.1	92.0	97	101	42-163	4	30	
2,4,6-Tribromophenol (S)	%						95	83	10-164			
2-Fluorobiphenyl (S)	%						81	74	10-130			
2-Fluorophenol (S)	%						68	62	10-130			
Nitrobenzene-d5 (S)	%						90	81	10-138			
Phenol-d6 (S)	%						62	53	10-130			
Terphenyl-d14 (S)	%						93	86	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658042

QC Batch: 763225
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: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042009, 92658042010, 92658042011, 92658042012, 92658042013, 92658042014, 92658042015, 92658042016

METHOD BLANK: 3963733 Matrix: Water
Associated Lab Samples: 92658042001, 92658042002, 92658042003, 92658042004, 92658042005, 92658042006, 92658042007, 92658042008, 92658042009, 92658042010, 92658042011, 92658042012, 92658042013, 92658042014, 92658042015, 92658042016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/24/23 09:18	
2-Fluorobiphenyl (S)	%	87	61-194		03/24/23 09:18	
Nitrobenzene-d5 (S)	%	102	69-194		03/24/23 09:18	
Terphenyl-d14 (S)	%	86	69-180		03/24/23 09:18	

LABORATORY CONTROL SAMPLE: 3963734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.5	98	70-130	
2-Fluorobiphenyl (S)	%			93	61-194	
Nitrobenzene-d5 (S)	%			98	69-194	
Terphenyl-d14 (S)	%			89	69-180	

MATRIX SPIKE SAMPLE: 3963735

Parameter	Units	92658042001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	ND	2.4	2.3	95	11-178	
2-Fluorobiphenyl (S)	%				91	61-194	
Nitrobenzene-d5 (S)	%				100	69-194	
Terphenyl-d14 (S)	%				81	69-180	

SAMPLE DUPLICATE: 3963736

Parameter	Units	92658042003 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/L	ND	ND		30	
2-Fluorobiphenyl (S)	%	99	88			
Nitrobenzene-d5 (S)	%	111	103			
Terphenyl-d14 (S)	%	97	88			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bramlette MGP J23030238
Pace Project No.: 92658042

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658042001	SW-06-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042002	SW-13-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042003	SW-02-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042004	SW-03-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042005	SW-04-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042006	SW-10-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042007	SW-12-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042008	SW-11-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042009	SW-09-20230320	EPA 3510C	763974	EPA 8270E	764214
92658042010	SW-08-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042011	SW-07-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042012	SW-01-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042013	DUP-01-20230320	EPA 3510C	763562	EPA 8270E	763834
92658042014	SW-15-20230320	EPA 3510C	763826	EPA 8270E	763876
92658042015	SW-16-20230320	EPA 3510C	763826	EPA 8270E	763876
92658042016	EB-01-20230320	EPA 3510C	763826	EPA 8270E	763876
92658042001	SW-06-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042002	SW-13-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042003	SW-02-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042004	SW-03-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042005	SW-04-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042006	SW-10-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042007	SW-12-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042008	SW-11-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042009	SW-09-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042010	SW-08-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042011	SW-07-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042012	SW-01-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042013	DUP-01-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042014	SW-15-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042015	SW-16-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042016	EB-01-20230320	EPA 3511	763225	EPA 8270E by SIM	763502
92658042001	SW-06-20230320	EPA 8260D	763024		
92658042002	SW-13-20230320	EPA 8260D	763024		
92658042003	SW-02-20230320	EPA 8260D	763024		
92658042004	SW-03-20230320	EPA 8260D	763024		
92658042005	SW-04-20230320	EPA 8260D	763024		
92658042006	SW-10-20230320	EPA 8260D	763024		
92658042007	SW-12-20230320	EPA 8260D	763024		
92658042008	SW-11-20230320	EPA 8260D	763024		
92658042009	SW-09-20230320	EPA 8260D	763024		
92658042010	SW-08-20230320	EPA 8260D	763024		
92658042011	SW-07-20230320	EPA 8260D	763025		
92658042012	SW-01-20230320	EPA 8260D	763025		
92658042013	DUP-01-20230320	EPA 8260D	763025		
92658042014	SW-15-20230320	EPA 8260D	763025		

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: Bramlette MGP J23030238
Pace Project No.: 92658042

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658042015	**SW-16-20230320**	EPA 8260D	763025		
92658042016	**EB-01-20230320**	EPA 8260D	763008		
92658042017	**TB-01-20230320**	EPA 8260D	763008		
92658042018	**TB-02-20230320**	EPA 8260D	763008		
92658042019	**TB-03-20230320**	EPA 8260D	763369		

WO#: 92658042

92658042

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

Company: Geosyntec

Billing Information:

Address: 201 E. McBee Avenue, Suite 201, Greenville, SC

Report To: Michael Martin (mmartin@geosyntec.com)

Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com

Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)

Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville

Customer Project Name/Number: Bramlette MGP/FR7559C

State: SC / County/City: Greenville

Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086

Email: jtrotter@geosyntec.com

Site/Facility ID #: BramletteMGP

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): JOHN TROTTER

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature):

Turnaround Date Required: 10 day Standard

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

Sample Disposal:
[ ] Dispose as appropriate
[ ] Return
[ ] Archive: ____________
[ ] Hold:

Rush: (Expedite Charges Apply)
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day
[ ] 4 Day [ ] 5 Day

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

Analysis: ____________

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

Container Preservative Type **: U | 2 | 4&5 | 1 | U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Analyses: SVOCs (8270); Nitrate+Nitrite, Ammonia; Sulfide; Total Fe and Mn; Dissolved Gases RSK175

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	SVOCs (8270)
SW-06-20230320	SW	G	3/20/23	15:30	—	—		8	G	X
SW-13-20230320	SW	G	3/20/23	15:10	—	—		8	G	X
SW-02-20230320	SW	G	3/20/23	14:45	—	—		8	G	X
SW-03-20230320	SW	G	3/20/23	14:30	—	—		8	G	X
SW-04-20230320	SW	G	3/20/23	14:05	—	—		8	G	X
SW-10-20230320	SW	G	3/20/23	13:15	—	—		8	G	X
SW-12-20230320	SW	G	3/20/23	11:30	—	—		8	G	X
SW-11-20230320	SW	G	3/20/23	11:10	—	—		8	G	X
SW-09-20230320	SW	G	3/20/23	10:30	—	—		8	G	X
SW-08-20230320	SW	G	3/20/23	10:05	—	—		8	G	X

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Michael Martin Geosyntec	3/21/23 0915	Aimee Housh	3-21-23 0915
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) KBumham ACC	Date/Time: 3/21 1508
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

LAB Sample Temperature Info:
Therm ID: 93 T080
Cooler 1 Temp Upon Receipt: 5.4/5.5
Cooler 1 Corrected Temp: 5.4/5.5

Page: ____ of: ____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: Geosyntec

Billing Information:

Address: 201 E. McBee Avenue, Suite 201, Greenville, SC

Report To: Michael Martin (mmartin@geosyntec.com)

Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com

Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)

Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville

Customer Project Name/Number: Bramlette MGP/FR7559C

State: SC / County/City: Greenville

Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086

Email: jtrotter@geosyntec.com

Site/Facility ID #: BramletteMGP

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): JOHN TROTTER

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature):

Turnaround Date Required: 10 day Standard

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

Sample Disposal:
[ ] Dispose as appropriate
[ ] Return
[ ] Archive: ____________
[ ] Hold: ____________

Rush: (Expedite Charges Apply)
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day
[ ] 4 Day [ ] 5 Day

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

Analysis: ____________

Container Preservative Type **: U | 2 | 4&5 | 1 | U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

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

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAH (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity (CO2)	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
SW-07-20230320	SW	G	3/20/23	9:30	—	—		8	G	X	X									
SW-01-20230320	SW	G	3/20/23	9:05	—	—		8	G	X	X									
DUP-01-20230320	SW	G	3/20/23	22:00	—	—		8	G	X	X									
SW-15-20230320	SW	G	3/20/23	16:30	—	—		8	G	X	X									
SW-16-20230320	SW	G	3/20/23	16:50	—	—		8	G	X	X									
EB-01-20230320	OT	G	3/20/23	17:00	—	—		8	G	X	X									
TB-01-20230320	OT	G	~~3/20/23~~	—	—	—		2	G	X										
TB-02-20230320	OT	G	~~3/2~~	—	—	—		2	G	X										

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 431082
Cooler 1 Temp Upon Receipt: 5.2/5.8 °C
Cooler 1 Therm Corr. Factor: 0 °C
Cooler 1 Corrected Temp: 5.2/5.8 °C
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Michael Martin Geosyntec	3/21/23 0915	[signature]	3-21-23 0915
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) [signature]	3/21 1528
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022 8:18:30 AM

***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**

*****Check all unpreserved Nitrates for chlorine**

Project

WO#: 92658042

PM: LJP Due Date: 03/29/23

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	DG9T-40 mL VOA Na2S2O3 (N/A)	DG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - Jab)	SP2T-250 mL Sterile Plastic (N/A - Hab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Qualtrax ID: 69614

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022 8:18:30 AM

*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

***Check all unpreserved Nitrates for chlorine

Project **WO# : 92658042**

PM: LJP Due Date: 03/29/23

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)	BP4B-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)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1															2	3										2	2	2
2															3	3										2	2	2
3															3	3										2	2	2
4															3	3										2	2	2
5															2	2										2	2	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 DENR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, Incorrect containers.

Qualtray ID: 896814

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

March 30, 2023

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

RE: Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 22, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
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 Laboratory ID: 99030
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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92658356001	**MW-42TZ-20230321**	Water	03/21/23 14:10	03/22/23 16:00
92658356002	**MS-01-20230321**	Water	03/21/23 14:10	03/22/23 16:00
92658356003	**MSD-01-20230321**	Water	03/21/23 14:10	03/22/23 16:00
92658356004	**MW-15-20230321**	Water	03/21/23 16:00	03/22/23 16:00
92658356005	**MW-36S-20230321**	Water	03/21/23 10:30	03/22/23 16:00
92658356006	**MW-42BR-20230321**	Water	03/21/23 14:15	03/22/23 16:00
92658356007	**MW-36TZ-20230321**	Water	03/21/23 11:55	03/22/23 16:00
92658356008	**DUP-01-20230321**	Water	03/21/23 12:05	03/22/23 16:00
92658356009	**EB-02-20230321**	Water	03/21/23 16:30	03/22/23 16:00
92658356010	**TB-03-20230321**	Water	03/21/23 00:00	03/22/23 16:00
92658356011	**MW-34BR-20230321**	Water	03/21/23 10:12	03/22/23 16:00
92658356012	**MW-29TZ-20230321**	Water	03/21/23 11:50	03/22/23 16:00
92658356013	**MW-29BR-20230321**	Water	03/21/23 15:00	03/22/23 16:00
92658356014	**MW-29S-20230321**	Water	03/21/23 13:14	03/22/23 16:00
92658356015	**MW-2TZ-20230321**	Water	03/21/23 15:00	03/22/23 16:00
92658356016	**MW-2BR-20230321**	Water	03/21/23 15:47	03/22/23 16:00
92658356017	**MW-34TZ-20230321**	Water	03/21/23 11:50	03/22/23 16:00
92658356018	**MW-34S-20230321**	Water	03/21/23 10:20	03/22/23 16:00
92658356019	**MW-36BR-20230321**	Water	03/21/23 10:41	03/22/23 16:00
92658356020	**MW-42S-20230321**	Water	03/21/23 11:53	03/22/23 16:00
92658356021	**TB-04-20230321**	Water	03/21/23 00:00	03/22/23 16:00

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658356001	**MW-42TZ-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356004	**MW-15-20230321**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	ANM	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658356005	**MW-36S-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658356006	**MW-42BR-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356007	**MW-36TZ-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356008	**DUP-01-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92658356009	**EB-02-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356010	**TB-03-20230321**	EPA 8260D	JJK	62	PASI-C
92658356011	**MW-34BR-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356012	**MW-29TZ-20230321**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

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	LMB	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	ANM	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658356013	**MW-29BR-20230321**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	ANM	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658356014	**MW-29S-20230321**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	ANM	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658356015	**MW-2TZ-20230321**	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356016	**MW-2BR-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356017	**MW-34TZ-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356018	**MW-34S-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356019	**MW-36BR-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356020	**MW-42S-20230321**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658356021	**TB-04-20230321**	EPA 8260D	JJK	62	PASI-C

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

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

SUMMARY OF DETECTION

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658356001	**MW-42TZ-20230321**					
EPA 8260D	Chloroform	0.86J	ug/L	1.0	03/24/23 03:25	
92658356004	**MW-15-20230321**					
EPA 8260D	cis-1,2-Dichloroethene	0.52J	ug/L	1.0	03/24/23 03:43	
SM 2320B-2011	Alkalinity, Total as CaCO3	15.5	mg/L	5.0	03/28/23 16:35	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	6.8	mg/L	0.12	03/27/23 21:22	
SM 4500-CO2 D-2011	Carbon dioxide	40.1	mg/L	5.0	03/29/23 13:54	N2
92658356005	**MW-36S-20230321**					
EPA 8270E	Acenaphthene	7.6J	ug/L	10.0	03/26/23 18:20	
EPA 8270E	Acenaphthylene	2.5J	ug/L	10.0	03/26/23 18:20	
EPA 8270E	Dibenzofuran	3.6J	ug/L	10.0	03/26/23 18:20	
EPA 8270E	Fluorene	2.1J	ug/L	10.0	03/26/23 18:20	
EPA 8270E	1-Methylnaphthalene	11.3	ug/L	10.0	03/26/23 18:20	
EPA 8270E	Phenanthrene	2.1J	ug/L	10.0	03/26/23 18:20	
EPA 8260D	Benzene	6.8	ug/L	1.0	03/25/23 08:54	
EPA 8260D	Ethylbenzene	22.3	ug/L	1.0	03/25/23 08:54	
EPA 8260D	Naphthalene	82.8	ug/L	1.0	03/25/23 08:54	
EPA 8260D	Styrene	0.53J	ug/L	1.0	03/25/23 08:54	
EPA 8260D	Toluene	4.9	ug/L	1.0	03/25/23 08:54	
EPA 8260D	Xylene (Total)	20.3	ug/L	1.0	03/25/23 08:54	
EPA 8260D	m&p-Xylene	8.3	ug/L	2.0	03/25/23 08:54	
EPA 8260D	o-Xylene	11.9	ug/L	1.0	03/25/23 08:54	
92658356007	**MW-36TZ-20230321**					
EPA 8260D	Chloroform	1.4	ug/L	1.0	03/24/23 04:20	
92658356008	**DUP-01-20230321**					
EPA 8260D	Chloroform	0.98J	ug/L	1.0	03/25/23 03:32	
92658356011	**MW-34BR-20230321**					
EPA 8260D	Benzene	1.7	ug/L	1.0	03/24/23 04:38	
EPA 8260D	Naphthalene	2.1	ug/L	1.0	03/24/23 04:38	
EPA 8260D	Toluene	0.49J	ug/L	1.0	03/24/23 04:38	
92658356012	**MW-29TZ-20230321**					
RSK 175 Modified	Methane	2760	ug/L	10.0	03/27/23 14:10	M1
EPA 6010D	Iron	14600	ug/L	50.0	03/26/23 21:54	
EPA 6010D	Manganese	125	ug/L	5.0	03/26/23 21:54	
EPA 6010D	Iron, Dissolved	14800	ug/L	50.0	03/27/23 16:30	
EPA 6010D	Manganese, Dissolved	134	ug/L	5.0	03/27/23 16:30	
EPA 8270E	Acenaphthene	43.5	ug/L	8.3	03/28/23 13:18	
EPA 8270E	Dibenzofuran	3.0J	ug/L	8.3	03/28/23 13:18	
EPA 8270E	2,4-Dimethylphenol	141	ug/L	16.7	03/29/23 02:15	
EPA 8270E	Fluorene	9.7	ug/L	8.3	03/28/23 13:18	
EPA 8270E	1-Methylnaphthalene	108	ug/L	8.3	03/28/23 13:18	
EPA 8270E	2-Methylnaphthalene	157	ug/L	16.7	03/29/23 02:15	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	4.4J	ug/L	8.3	03/28/23 13:18	
EPA 8270E	Phenanthrene	7.4J	ug/L	8.3	03/28/23 13:18	
EPA 8270E	Phenol	8.7	ug/L	8.3	03/28/23 13:18	

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

SUMMARY OF DETECTION

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658356012	**MW-29TZ-20230321**					
EPA 8260D	Benzene	1330	ug/L	25.0	03/25/23 10:06	
EPA 8260D	Ethylbenzene	273	ug/L	25.0	03/25/23 10:06	
EPA 8260D	Methylene Chloride	102J	ug/L	125	03/25/23 10:06	C9
EPA 8260D	Naphthalene	2620	ug/L	25.0	03/25/23 10:06	
EPA 8260D	Toluene	12.8J	ug/L	25.0	03/25/23 10:06	
EPA 8260D	Xylene (Total)	154	ug/L	25.0	03/25/23 10:06	
EPA 8260D	m&p-Xylene	90.0	ug/L	50.0	03/25/23 10:06	
EPA 8260D	o-Xylene	64.5	ug/L	25.0	03/25/23 10:06	
SM 2320B-2011	Alkalinity, Total as CaCO3	159	mg/L	5.0	03/28/23 16:40	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.16	mg/L	0.10	03/24/23 12:23	
EPA 9060A	Total Organic Carbon	6.0	mg/L	1.0	03/27/23 19:41	
EPA 9060A	Total Organic Carbon	6.0	mg/L	1.0	03/27/23 19:41	
EPA 9060A	Total Organic Carbon	6.1	mg/L	1.0	03/27/23 19:41	
EPA 9060A	Total Organic Carbon	6.3	mg/L	1.0	03/27/23 19:41	
EPA 9060A	Mean Total Organic Carbon	6.1	mg/L	1.0	03/27/23 19:41	
SM 4500-CO2 D-2011	Carbon dioxide	204	mg/L	5.0	03/29/23 13:54	N2
92658356013	**MW-29BR-20230321**					
RSK 175 Modified	Ethene	19.0	ug/L	10.0	03/27/23 14:26	
RSK 175 Modified	Methane	3750	ug/L	10.0	03/27/23 14:26	
EPA 8270E	Acenaphthene	2.2J	ug/L	8.3	03/28/23 13:44	
EPA 8270E	Acenaphthylene	21.4	ug/L	8.3	03/28/23 13:44	
EPA 8270E	2,4-Dimethylphenol	11.3	ug/L	8.3	03/28/23 13:44	
EPA 8270E	Fluorene	3.2J	ug/L	8.3	03/28/23 13:44	
EPA 8270E	1-Methylnaphthalene	40.2	ug/L	8.3	03/28/23 13:44	
EPA 8270E	2-Methylnaphthalene	62.9	ug/L	8.3	03/28/23 13:44	
EPA 8270E	Phenanthrene	1.8J	ug/L	8.3	03/28/23 13:44	
EPA 8260D	Benzene	238	ug/L	5.0	03/23/23 22:35	
EPA 8260D	Ethylbenzene	20.0	ug/L	5.0	03/23/23 22:35	
EPA 8260D	Methylene Chloride	21.9J	ug/L	25.0	03/23/23 22:35	
EPA 8260D	Naphthalene	612	ug/L	5.0	03/23/23 22:35	
EPA 8260D	Styrene	49.6	ug/L	5.0	03/23/23 22:35	
EPA 8260D	Toluene	185	ug/L	5.0	03/23/23 22:35	
EPA 8260D	Xylene (Total)	65.7	ug/L	5.0	03/23/23 22:35	
EPA 8260D	m&p-Xylene	44.9	ug/L	10.0	03/23/23 22:35	
EPA 8260D	o-Xylene	20.8	ug/L	5.0	03/23/23 22:35	
SM 2320B-2011	Alkalinity, Total as CaCO3	169	mg/L	5.0	03/28/23 16:52	
EPA 9060A	Total Organic Carbon	2.0	mg/L	1.0	03/27/23 20:38	
EPA 9060A	Total Organic Carbon	1.4	mg/L	1.0	03/27/23 20:38	
EPA 9060A	Total Organic Carbon	1.2	mg/L	1.0	03/27/23 20:38	
EPA 9060A	Total Organic Carbon	1.1	mg/L	1.0	03/27/23 20:38	
EPA 9060A	Mean Total Organic Carbon	1.4	mg/L	1.0	03/27/23 20:38	
SM 4500-CO2 D-2011	Carbon dioxide	137	mg/L	5.0	03/29/23 13:54	N2
92658356014	**MW-29S-20230321**					
RSK 175 Modified	Methane	9.7J	ug/L	10.0	03/28/23 16:01	B
EPA 6010D	Iron	89.4	ug/L	50.0	03/26/23 22:01	
EPA 6010D	Manganese	422	ug/L	5.0	03/26/23 22:01	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658356014	**MW-29S-20230321**					
EPA 6010D	Iron, Dissolved	51.4	ug/L	50.0	03/27/23 16:44	
EPA 6010D	Manganese, Dissolved	443	ug/L	5.0	03/27/23 16:44	
SM 2320B-2011	Alkalinity, Total as CaCO3	472	mg/L	5.0	03/28/23 18:29	
EPA 300.0 Rev 2.1 1993	Sulfate	88.9	mg/L	1.0	03/23/23 15:54	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.083J	mg/L	0.10	03/24/23 12:26	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.017J	mg/L	0.040	03/27/23 21:01	
EPA 9060A	Total Organic Carbon	5.9	mg/L	1.0	03/27/23 20:55	
EPA 9060A	Total Organic Carbon	5.7	mg/L	1.0	03/27/23 20:55	
EPA 9060A	Total Organic Carbon	5.8	mg/L	1.0	03/27/23 20:55	
EPA 9060A	Total Organic Carbon	5.8	mg/L	1.0	03/27/23 20:55	
EPA 9060A	Mean Total Organic Carbon	5.8	mg/L	1.0	03/27/23 20:55	
SM 4500-CO2 D-2011	Carbon dioxide	474	mg/L	5.0	03/29/23 13:54	N2
92658356015	**MW-2TZ-20230321**					
EPA 8270E	Acenaphthene	113	ug/L	8.3	03/26/23 22:10	
EPA 8270E	Dibenzofuran	6.1J	ug/L	8.3	03/26/23 22:10	
EPA 8270E	Fluorene	21.3	ug/L	8.3	03/26/23 22:10	
EPA 8270E	1-Methylnaphthalene	219	ug/L	33.3	03/27/23 13:14	
EPA 8270E	2-Methylnaphthalene	313	ug/L	33.3	03/27/23 13:14	
EPA 8270E	Phenanthrene	11.1	ug/L	8.3	03/26/23 22:10	
EPA 8270E	Phenol	3.0J	ug/L	8.3	03/26/23 22:10	
EPA 8260D	Benzene	495	ug/L	25.0	03/23/23 23:11	
EPA 8260D	Ethylbenzene	133	ug/L	25.0	03/23/23 23:11	
EPA 8260D	Methylene Chloride	103J	ug/L	125	03/23/23 23:11	
EPA 8260D	Naphthalene	2390	ug/L	25.0	03/23/23 23:11	
EPA 8260D	Xylene (Total)	27.2	ug/L	25.0	03/23/23 23:11	
EPA 8260D	m&p-Xylene	27.2J	ug/L	50.0	03/23/23 23:11	
92658356016	**MW-2BR-20230321**					
EPA 8270E	Acenaphthene	96.5	ug/L	9.1	03/28/23 14:09	
EPA 8270E	Acenaphthylene	4.3J	ug/L	9.1	03/28/23 14:09	
EPA 8270E	Dibenzofuran	2.7J	ug/L	9.1	03/28/23 14:09	
EPA 8270E	2,4-Dimethylphenol	43.1	ug/L	9.1	03/28/23 14:09	
EPA 8270E	Fluorene	11.0	ug/L	9.1	03/28/23 14:09	
EPA 8270E	1-Methylnaphthalene	119	ug/L	9.1	03/28/23 14:09	
EPA 8270E	2-Methylnaphthalene	124	ug/L	9.1	03/28/23 14:09	
EPA 8270E	Phenanthrene	5.3J	ug/L	9.1	03/28/23 14:09	
EPA 8270E	Phenol	10.4	ug/L	9.1	03/28/23 14:09	
EPA 8260D	Benzene	770	ug/L	12.5	03/23/23 22:53	
EPA 8260D	Ethylbenzene	47.3	ug/L	12.5	03/23/23 22:53	
EPA 8260D	Methylene Chloride	44.9J	ug/L	62.5	03/23/23 22:53	
EPA 8260D	Naphthalene	1440	ug/L	12.5	03/23/23 22:53	
EPA 8260D	Toluene	18.1	ug/L	12.5	03/23/23 22:53	
EPA 8260D	Xylene (Total)	101	ug/L	12.5	03/23/23 22:53	
EPA 8260D	m&p-Xylene	55.1	ug/L	25.0	03/23/23 22:53	
EPA 8260D	o-Xylene	46.4	ug/L	12.5	03/23/23 22:53	
92658356017	**MW-34TZ-20230321**					
EPA 8260D	cis-1,2-Dichloroethene	3.5	ug/L	1.0	03/23/23 21:22	

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

SUMMARY OF DETECTION

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658356020	**MW-42S-20230321**					
EPA 8260D	Chloroform	1.5	ug/L	1.0	03/23/23 22:16	
EPA 8260D	Methyl-tert-butyl ether	0.67J	ug/L	1.0	03/23/23 22:16	

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: March 30, 2023

General Information:
4 samples were analyzed for RSK 175 Modified 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.

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.

QC Batch: 764274

B: Analyte was detected in the associated method blank.

- BLANK for HBN 764274 [GCV/1907 (Lab ID: 3968717)
  - Methane

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: 763989

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658356012

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

- MS (Lab ID: 3967373)
  - Methane

QC Batch: 764274

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966006

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

- MS (Lab ID: 3968720)
  - Methane

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

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: March 30, 2023

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: March 30, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 30, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 30, 2023

General Information:
17 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: 763826

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: 3966908)
  - N-Nitrosodimethylamine
- DUP-01-20230321 (Lab ID: 92658356008)
  - N-Nitrosodimethylamine
- EB-02-20230321 (Lab ID: 92658356009)
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3966909)
  - N-Nitrosodimethylamine
- MS (Lab ID: 3966910)
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3966911)
  - N-Nitrosodimethylamine
- MW-15-20230321 (Lab ID: 92658356004)
  - N-Nitrosodimethylamine
- MW-29S-20230321 (Lab ID: 92658356014)
  - N-Nitrosodimethylamine
- MW-2TZ-20230321 (Lab ID: 92658356015)
  - N-Nitrosodimethylamine
- MW-34BR-20230321 (Lab ID: 92658356011)
  - N-Nitrosodimethylamine
- MW-34S-20230321 (Lab ID: 92658356018)
  - N-Nitrosodimethylamine
- MW-34TZ-20230321 (Lab ID: 92658356017)
  - N-Nitrosodimethylamine
- MW-36BR-20230321 (Lab ID: 92658356019)

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 30, 2023

QC Batch: 763826

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.

- 2,2'-Oxybis(1-chloropropane)
- Butylbenzylphthalate
- Di-n-octylphthalate
- N-Nitroso-di-n-propylamine
- N-Nitrosodimethylamine
- bis(2-Ethylhexyl)phthalate

- MW-36S-20230321 (Lab ID: 92658356005)
  - N-Nitrosodimethylamine
- MW-36TZ-20230321 (Lab ID: 92658356007)
  - N-Nitrosodimethylamine
- MW-42BR-20230321 (Lab ID: 92658356006)
  - N-Nitrosodimethylamine
- MW-42S-20230321 (Lab ID: 92658356020)
  - 2,2'-Oxybis(1-chloropropane)
  - Butylbenzylphthalate
  - Di-n-octylphthalate
  - N-Nitroso-di-n-propylamine
  - N-Nitrosodimethylamine
  - bis(2-Ethylhexyl)phthalate
- MW-42TZ-20230321 (Lab ID: 92658356001)
  - N-Nitrosodimethylamine

QC Batch: 763974

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: 3967323)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3967324)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MS (Lab ID: 3967325)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3967326)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-29BR-20230321 (Lab ID: 92658356013)
  - 2,4-Dinitrophenol
  - Benzoic Acid

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 30, 2023

QC Batch: 763974

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.

- N-Nitrosodimethylamine
- MW-29TZ-20230321 (Lab ID: 92658356012)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-2BR-20230321 (Lab ID: 92658356016)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine

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: 763826

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: 3966909)
  - 2,4-Dimethylphenol

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

QC Batch: 763826

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658356001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3966910)
  - 2,4-Dimethylphenol
- MSD (Lab ID: 3966911)
  - 2,4-Dimethylphenol

QC Batch: 763974

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638016

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

- MS (Lab ID: 3967325)

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: March 30, 2023

QC Batch: 763974

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638016

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

- 2,4-Dimethylphenol

- MSD (Lab ID: 3967326)
  - 2,4-Dimethylphenol

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 30, 2023

General Information:
17 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.

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: 763532

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: 3965403)
  - Benzo(a)pyrene

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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 30, 2023

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: 763626

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: 3965899)
  - Vinyl acetate
- MSD (Lab ID: 3965900)
  - Vinyl acetate

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

QC Batch: 763371

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: 3964640)
  - Dichlorodifluoromethane
- MSD (Lab ID: 3965327)
  - Dichlorodifluoromethane
- MW-42TZ-20230321 (Lab ID: 92658356001)
  - Dichlorodifluoromethane

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: 3964640)
  - Bromomethane
- MSD (Lab ID: 3965327)
  - Bromomethane
- MW-42TZ-20230321 (Lab ID: 92658356001)
  - Bromomethane

QC Batch: 763372

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: 3964656)
  - Dichlorodifluoromethane
- MS (Lab ID: 3964657)
  - Dichlorodifluoromethane

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 30, 2023

QC Batch: 763372

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.

- MW-34S-20230321 (Lab ID: 92658356018)
  - Dichlorodifluoromethane
- MW-34TZ-20230321 (Lab ID: 92658356017)
  - Dichlorodifluoromethane

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.

- DUP (Lab ID: 3964656)
  - Bromomethane
- MW-34TZ-20230321 (Lab ID: 92658356017)
  - 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: 3964657)
  - Bromomethane
- MW-34S-20230321 (Lab ID: 92658356018)
  - Bromomethane

QC Batch: 763626

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: 3965897)
  - Chloroethane
- DUP-01-20230321 (Lab ID: 92658356008)
  - Chloroethane
- LCS (Lab ID: 3965898)
  - Chloroethane
- MS (Lab ID: 3965899)
  - Dichlorodifluoromethane
- MSD (Lab ID: 3965900)
  - Dichlorodifluoromethane
- MW-29TZ-20230321 (Lab ID: 92658356012)
  - Chloroethane
- MW-36S-20230321 (Lab ID: 92658356005)
  - Chloroethane

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.

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 30, 2023

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: 763626

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658276002

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

- MS (Lab ID: 3965899)
  - 1,1,1-Trichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2,3-Trichlorobenzene
  - 1,2,4-Trichlorobenzene
  - 1,4-Dichlorobenzene
  - 2,2-Dichloropropane
  - Carbon tetrachloride
  - Chloromethane
  - Dichlorodifluoromethane
  - Hexachloro-1,3-butadiene
  - Trichlorofluoromethane
  - p-Isopropyltoluene
  - trans-1,2-Dichloroethene
- MSD (Lab ID: 3965900)
  - Dichlorodifluoromethane

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

Additional Comments:

Analyte Comments:

QC Batch: 763626

C9: Common Laboratory Contaminant.

- MW-29TZ-20230321 (Lab ID: 92658356012)
  - Methylene Chloride

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: March 30, 2023

General Information:
4 samples were analyzed for SM 2320B-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:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: March 30, 2023

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.

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: March 30, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: March 30, 2023

General Information:
4 samples were analyzed for EPA 350.1 Rev 2.0 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: 763189

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92657744001,92657787001

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

- MS (Lab ID: 3963646)
  - Nitrogen, Ammonia
- MSD (Lab ID: 3963647)
  - Nitrogen, Ammonia

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: March 30, 2023

General Information:
4 samples were analyzed for EPA 353.2 Rev 2.0 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:

Analyte Comments:

QC Batch: 764110

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MW-29TZ-20230321 (Lab ID: 92658356012)
  - Nitrogen, NO2 plus NO3

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: March 30, 2023

General Information:
4 samples were analyzed for EPA 9060A 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:

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

PROJECT NARRATIVE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: March 30, 2023

General Information:
4 samples were analyzed for SM 4500-CO2 D-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.

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42TZ-20230321 **Lab ID: 92658356001** Collected: 03/21/23 14:10 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 16:38	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:38	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:38	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 16:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 16:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 16:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 16:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 16:38	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 16:38	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 16:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 16:38	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 16:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 16:38	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 16:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 16:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:38	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:38	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 16:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:38	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 16:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 16:38	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 16:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 16:38	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:38	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:38	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:38	105-67-9	L1,M0
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 16:38	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 16:38	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 16:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:38	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 16:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 16:38	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:38	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 16:38	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:38	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 16:38	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 16:38	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 16:38	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42TZ-20230321 **Lab ID: 92658356001** Collected: 03/21/23 14:10 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 16:38	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 16:38	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 16:38	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:38	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:38	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 16:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 16:38	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 16:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 16:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 16:38	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 16:38	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 16:38	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:38	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 16:38	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 16:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 16:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-138		1	03/25/23 11:14	03/26/23 16:38	4165-60-0	
2-Fluorobiphenyl (S)	63	%	10-130		1	03/25/23 11:14	03/26/23 16:38	321-60-8	
Terphenyl-d14 (S)	105	%	19-191		1	03/25/23 11:14	03/26/23 16:38	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	03/25/23 11:14	03/26/23 16:38	13127-88-3	
2-Fluorophenol (S)	54	%	10-130		1	03/25/23 11:14	03/26/23 16:38	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-164		1	03/25/23 11:14	03/26/23 16:38	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	0.098	0.042	1	03/24/23 11:59	03/27/23 15:24	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	89	%	69-194		1	03/24/23 11:59	03/27/23 15:24	4165-60-0	
2-Fluorobiphenyl (S)	91	%	61-194		1	03/24/23 11:59	03/27/23 15:24	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	03/24/23 11:59	03/27/23 15:24	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		03/24/23 03:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 03:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 03:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 03:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 03:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 03:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 03:25	74-83-9	v3
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 03:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 03:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 03:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 03:25	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42TZ-20230321 **Lab ID: 92658356001** Collected: 03/21/23 14:10 Received: 03/22/23 16:00 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	**0.86J**	ug/L	1.0	0.43	1		03/24/23 03:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 03:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 03:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 03:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 03:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 03:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 03:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 03:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 03:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 03:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 03:25	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 03:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 03:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 03:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 03:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 03:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 03:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 03:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 03:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 03:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 03:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 03:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 03:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 03:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 03:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 03:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 03:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 03:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 03:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 03:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 03:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 03:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 03:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 03:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/23 03:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 03:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 03:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 03:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 03:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 03:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 03:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 03:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 03:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 03:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 03:25	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42TZ-20230321 **Lab ID: 92658356001** Collected: 03/21/23 14:10 Received: 03/22/23 16:00 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		03/24/23 03:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 03:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 03:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/24/23 03:25	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		03/24/23 03:25	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/24/23 03:25	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-15-20230321 **Lab ID: 92658356004** Collected: 03/21/23 16:00 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/27/23 13:54	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/27/23 13:54	74-85-1	
Methane	ND	ug/L	10.0	5.3	1		03/27/23 13:54	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/24/23 01:53	03/26/23 21:40	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/24/23 01:53	03/26/23 21:40	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	03/24/23 15:00	03/27/23 16:16	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:16	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	03/25/23 11:14	03/26/23 17:54	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 17:54	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 17:54	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 17:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 17:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 17:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 17:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 17:54	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 17:54	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 17:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 17:54	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 17:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 17:54	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 17:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 17:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 17:54	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 17:54	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 17:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 17:54	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 17:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 17:54	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 17:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 17:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 17:54	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 17:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 17:54	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 17:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 17:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 17:54	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-15-20230321 **Lab ID: 92658356004** Collected: 03/21/23 16:00 Received: 03/22/23 16:00 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 17:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 17:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 17:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 17:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 17:54	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 17:54	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 17:54	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 17:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 17:54	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 17:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 17:54	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 17:54	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 17:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 17:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 17:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 17:54	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/25/23 11:14	03/26/23 17:54	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 17:54	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 17:54	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 17:54	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 17:54	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 17:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 17:54	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 17:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 17:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 17:54	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 17:54	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 17:54	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 17:54	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 17:54	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 17:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 17:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	10-138		1	03/25/23 11:14	03/26/23 17:54	4165-60-0	
2-Fluorobiphenyl (S)	53	%	10-130		1	03/25/23 11:14	03/26/23 17:54	321-60-8	
Terphenyl-d14 (S)	76	%	19-191		1	03/25/23 11:14	03/26/23 17:54	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	03/25/23 11:14	03/26/23 17:54	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/25/23 11:14	03/26/23 17:54	367-12-4	
2,4,6-Tribromophenol (S)	60	%	10-164		1	03/25/23 11:14	03/26/23 17:54	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	0.098	0.042	1	03/24/23 11:59	03/27/23 16:30	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/24/23 11:59	03/27/23 16:30	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-15-20230321 **Lab ID: 92658356004** Collected: 03/21/23 16:00 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	102	%	61-194		1	03/24/23 11:59	03/27/23 16:30	321-60-8	
Terphenyl-d14 (S)	96	%	69-180		1	03/24/23 11:59	03/27/23 16:30	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		03/24/23 03:43	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 03:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 03:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 03:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 03:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 03:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 03:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 03:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 03:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 03:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 03:43	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/24/23 03:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 03:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 03:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 03:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 03:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 03:43	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 03:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 03:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 03:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 03:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 03:43	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 03:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 03:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 03:43	75-35-4	
cis-1,2-Dichloroethene	**0.52J**	ug/L	1.0	0.38	1		03/24/23 03:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 03:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 03:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 03:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 03:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 03:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 03:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 03:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 03:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 03:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 03:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 03:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 03:43	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 03:43	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-15-20230321 **Lab ID: 92658356004** Collected: 03/21/23 16:00 Received: 03/22/23 16:00 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 03:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 03:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 03:43	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 03:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 03:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 03:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/23 03:43	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 03:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 03:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 03:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 03:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 03:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 03:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 03:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 03:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 03:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 03:43	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/24/23 03:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 03:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 03:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/24/23 03:43	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		03/24/23 03:43	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/24/23 03:43	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**15.5**	mg/L	5.0	5.0	1		03/28/23 16:35		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:07	18496-25-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/24/23 12:18	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**6.8**	mg/L	0.12	0.052	3		03/27/23 21:22		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/27/23 19:23	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-15-20230321 **Lab ID: 92658356004** Collected: 03/21/23 16:00 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/27/23 19:23	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/27/23 19:23	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/27/23 19:23	7440-44-0	
Mean Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/27/23 19:23	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**40.1**	mg/L	5.0		1		03/29/23 13:54	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36S-20230321 **Lab ID: 92658356005** Collected: 03/21/23 10:30 Received: 03/22/23 16:00 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	**7.6J**	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:20	83-32-9	
Acenaphthylene	**2.5J**	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 18:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 18:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 18:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 18:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 18:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 18:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 18:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 18:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 18:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 18:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 18:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 18:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 18:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 18:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 18:20	53-70-3	
Dibenzofuran	**3.6J**	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 18:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 18:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:20	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 18:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 18:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 18:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 18:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 18:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:20	206-44-0	
Fluorene	**2.1J**	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 18:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 18:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:20	78-59-1	
1-Methylnaphthalene	**11.3**	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 18:20	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36S-20230321 **Lab ID: 92658356005** Collected: 03/21/23 10:30 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 18:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 18:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 18:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 18:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:20	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 18:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 18:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 18:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 18:20	87-86-5	
Phenanthrene	**2.1J**	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-138		1	03/25/23 11:14	03/26/23 18:20	4165-60-0	
2-Fluorobiphenyl (S)	79	%	10-130		1	03/25/23 11:14	03/26/23 18:20	321-60-8	
Terphenyl-d14 (S)	97	%	19-191		1	03/25/23 11:14	03/26/23 18:20	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	03/25/23 11:14	03/26/23 18:20	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/25/23 11:14	03/26/23 18:20	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-164		1	03/25/23 11:14	03/26/23 18:20	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	0.096	0.041	1	03/24/23 11:59	03/27/23 16:51	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	03/24/23 11:59	03/27/23 16:51	4165-60-0	
2-Fluorobiphenyl (S)	105	%	61-194		1	03/24/23 11:59	03/27/23 16:51	321-60-8	
Terphenyl-d14 (S)	112	%	69-180		1	03/24/23 11:59	03/27/23 16:51	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		03/25/23 08:54	67-64-1	
Benzene	**6.8**	ug/L	1.0	0.34	1		03/25/23 08:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/23 08:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/23 08:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/23 08:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/23 08:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/23 08:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/23 08:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/23 08:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/23 08:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/23 08:54	75-00-3	v1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36S-20230321 **Lab ID: 92658356005** Collected: 03/21/23 10:30 Received: 03/22/23 16:00 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	1.0	0.43	1		03/25/23 08:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/23 08:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 08:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 08:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/23 08:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/23 08:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/23 08:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 08:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 08:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/23 08:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/23 08:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/23 08:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 08:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/23 08:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 08:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/23 08:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/23 08:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/23 08:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/23 08:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/23 08:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 08:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 08:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/23 08:54	108-20-3	
Ethylbenzene	**22.3**	ug/L	1.0	0.30	1		03/25/23 08:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/23 08:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/23 08:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/23 08:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/23 08:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/23 08:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/23 08:54	1634-04-4	
Naphthalene	**82.8**	ug/L	1.0	0.64	1		03/25/23 08:54	91-20-3	
Styrene	**0.53J**	ug/L	1.0	0.29	1		03/25/23 08:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/23 08:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/23 08:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/23 08:54	127-18-4	
Toluene	**4.9**	ug/L	1.0	0.48	1		03/25/23 08:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/23 08:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/23 08:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/23 08:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 08:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 08:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/23 08:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/23 08:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/23 08:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/23 08:54	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36S-20230321 **Lab ID: 92658356005** Collected: 03/21/23 10:30 Received: 03/22/23 16:00 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)	**20.3**	ug/L	1.0	0.34	1		03/25/23 08:54	1330-20-7	
m&p-Xylene	**8.3**	ug/L	2.0	0.71	1		03/25/23 08:54	179601-23-1	
o-Xylene	**11.9**	ug/L	1.0	0.34	1		03/25/23 08:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/25/23 08:54	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/25/23 08:54	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		03/25/23 08:54	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42BR-20230321 **Lab ID: 92658356006** Collected: 03/21/23 14:15 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 18:45	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:45	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:45	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 18:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 18:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 18:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 18:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 18:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 18:45	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 18:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 18:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 18:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 18:45	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 18:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 18:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:45	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:45	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 18:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:45	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 18:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 18:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 18:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 18:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:45	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:45	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 18:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 18:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 18:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 18:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 18:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:45	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 18:45	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:45	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 18:45	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 18:45	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 18:45	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42BR-20230321 **Lab ID: 92658356006** Collected: 03/21/23 14:15 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 18:45	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 18:45	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 18:45	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:45	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:45	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 18:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 18:45	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 18:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 18:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 18:45	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 18:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 18:45	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:45	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 18:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 18:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 18:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	94	%	10-138		1	03/25/23 11:14	03/26/23 18:45	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/25/23 11:14	03/26/23 18:45	321-60-8	
Terphenyl-d14 (S)	97	%	19-191		1	03/25/23 11:14	03/26/23 18:45	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	03/25/23 11:14	03/26/23 18:45	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/25/23 11:14	03/26/23 18:45	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-164		1	03/25/23 11:14	03/26/23 18:45	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	0.097	0.042	1	03/24/23 11:59	03/27/23 17:13	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	99	%	69-194		1	03/24/23 11:59	03/27/23 17:13	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-194		1	03/24/23 11:59	03/27/23 17:13	321-60-8	
Terphenyl-d14 (S)	117	%	69-180		1	03/24/23 11:59	03/27/23 17:13	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		03/24/23 04:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 04:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 04:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 04:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 04:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 04:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 04:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 04:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 04:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 04:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 04:02	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42BR-20230321 **Lab ID: 92658356006** Collected: 03/21/23 14:15 Received: 03/22/23 16:00 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	1.0	0.43	1		03/24/23 04:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 04:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 04:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 04:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 04:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 04:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 04:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 04:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 04:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 04:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 04:02	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 04:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 04:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 04:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 04:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 04:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 04:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 04:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 04:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 04:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 04:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 04:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 04:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 04:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 04:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 04:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 04:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 04:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 04:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 04:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 04:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 04:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 04:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 04:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/23 04:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 04:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 04:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 04:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 04:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 04:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 04:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 04:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 04:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 04:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 04:02	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42BR-20230321 **Lab ID: 92658356006** Collected: 03/21/23 14:15 Received: 03/22/23 16:00 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		03/24/23 04:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 04:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 04:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/24/23 04:02	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/24/23 04:02	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/24/23 04:02	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36TZ-20230321 **Lab ID: 92658356007** Collected: 03/21/23 11:55 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 19:11	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:11	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:11	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 19:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 19:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 19:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 19:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 19:11	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 19:11	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 19:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 19:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 19:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 19:11	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 19:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 19:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:11	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 19:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:11	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 19:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 19:11	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 19:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 19:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:11	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:11	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 19:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 19:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 19:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 19:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 19:11	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:11	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 19:11	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:11	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 19:11	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 19:11	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36TZ-20230321 **Lab ID: 92658356007** Collected: 03/21/23 11:55 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 19:11	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 19:11	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 19:11	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:11	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:11	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 19:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:11	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 19:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 19:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 19:11	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 19:11	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:11	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:11	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	94	%	10-138		1	03/25/23 11:14	03/26/23 19:11	4165-60-0	
2-Fluorobiphenyl (S)	91	%	10-130		1	03/25/23 11:14	03/26/23 19:11	321-60-8	
Terphenyl-d14 (S)	93	%	19-191		1	03/25/23 11:14	03/26/23 19:11	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/25/23 11:14	03/26/23 19:11	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/25/23 11:14	03/26/23 19:11	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-164		1	03/25/23 11:14	03/26/23 19:11	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	0.095	0.041	1	03/24/23 11:59	03/27/23 17:35	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	03/24/23 11:59	03/27/23 17:35	4165-60-0	
2-Fluorobiphenyl (S)	100	%	61-194		1	03/24/23 11:59	03/27/23 17:35	321-60-8	
Terphenyl-d14 (S)	107	%	69-180		1	03/24/23 11:59	03/27/23 17:35	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		03/24/23 04:20	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 04:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 04:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 04:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 04:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 04:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 04:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 04:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 04:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 04:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 04:20	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36TZ-20230321 **Lab ID: 92658356007** Collected: 03/21/23 11:55 Received: 03/22/23 16:00 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	**1.4**	ug/L	1.0	0.43	1		03/24/23 04:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 04:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 04:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 04:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 04:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 04:20	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 04:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 04:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 04:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 04:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 04:20	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 04:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 04:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 04:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 04:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 04:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 04:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 04:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 04:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 04:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 04:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 04:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 04:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 04:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 04:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 04:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 04:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 04:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 04:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 04:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 04:20	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 04:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 04:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 04:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/23 04:20	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 04:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 04:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 04:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 04:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 04:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 04:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 04:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 04:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 04:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 04:20	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36TZ-20230321 **Lab ID: 92658356007** Collected: 03/21/23 11:55 Received: 03/22/23 16:00 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		03/24/23 04:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 04:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 04:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/24/23 04:20	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		03/24/23 04:20	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/24/23 04:20	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: DUP-01-20230321 **Lab ID: 92658356008** Collected: 03/21/23 12:05 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 19:36	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:36	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:36	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 19:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 19:36	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 19:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 19:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 19:36	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 19:36	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 19:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 19:36	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 19:36	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 19:36	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 19:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 19:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:36	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:36	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 19:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:36	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 19:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 19:36	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 19:36	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 19:36	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:36	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:36	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:36	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 19:36	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 19:36	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 19:36	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:36	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 19:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 19:36	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:36	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 19:36	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:36	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 19:36	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 19:36	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 19:36	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: DUP-01-20230321 **Lab ID: 92658356008** Collected: 03/21/23 12:05 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 19:36	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 19:36	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 19:36	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:36	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:36	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 19:36	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 19:36	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 19:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 19:36	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 19:36	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 19:36	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 19:36	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:36	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 19:36	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 19:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 19:36	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-138		1	03/25/23 11:14	03/26/23 19:36	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/25/23 11:14	03/26/23 19:36	321-60-8	
Terphenyl-d14 (S)	101	%	19-191		1	03/25/23 11:14	03/26/23 19:36	1718-51-0	
Phenol-d6 (S)	65	%	10-130		1	03/25/23 11:14	03/26/23 19:36	13127-88-3	
2-Fluorophenol (S)	78	%	10-130		1	03/25/23 11:14	03/26/23 19:36	367-12-4	
2,4,6-Tribromophenol (S)	96	%	10-164		1	03/25/23 11:14	03/26/23 19:36	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	0.096	0.041	1	03/24/23 11:59	03/27/23 17:57	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	03/24/23 11:59	03/27/23 17:57	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-194		1	03/24/23 11:59	03/27/23 17:57	321-60-8	
Terphenyl-d14 (S)	105	%	69-180		1	03/24/23 11:59	03/27/23 17:57	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		03/25/23 03:32	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/23 03:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/23 03:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/23 03:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/23 03:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/23 03:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/23 03:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/23 03:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/23 03:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/23 03:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/23 03:32	75-00-3	v1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: DUP-01-20230321 **Lab ID: 92658356008** Collected: 03/21/23 12:05 Received: 03/22/23 16:00 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	**0.98J**	ug/L	1.0	0.43	1		03/25/23 03:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/23 03:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 03:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 03:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/23 03:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/23 03:32	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/23 03:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 03:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 03:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/23 03:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/23 03:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/23 03:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 03:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/23 03:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 03:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/23 03:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/23 03:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/23 03:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/23 03:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/23 03:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 03:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 03:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/23 03:32	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/23 03:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/23 03:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/23 03:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/23 03:32	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/23 03:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/23 03:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/23 03:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/23 03:32	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/23 03:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/23 03:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/23 03:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/23 03:32	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/23 03:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/23 03:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/23 03:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/23 03:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 03:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 03:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/23 03:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/23 03:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/23 03:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/23 03:32	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: DUP-01-20230321 **Lab ID: 92658356008** Collected: 03/21/23 12:05 Received: 03/22/23 16:00 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		03/25/23 03:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/23 03:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/23 03:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/25/23 03:32	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/25/23 03:32	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/25/23 03:32	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: EB-02-20230321 **Lab ID: 92658356009** Collected: 03/21/23 16:30 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 20:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 20:02	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 20:02	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 20:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 20:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 20:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 20:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 20:02	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 20:02	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 20:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 20:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 20:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 20:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 20:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 20:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 20:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 20:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 20:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 20:02	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 20:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 20:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 20:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 20:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 20:02	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 20:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 20:02	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 20:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 20:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 20:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 20:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 20:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 20:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 20:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 20:02	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 20:02	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 20:02	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 20:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 20:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 20:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 20:02	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 20:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 20:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 20:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 20:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 20:02	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: EB-02-20230321 **Lab ID: 92658356009** Collected: 03/21/23 16:30 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 20:02	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 20:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 20:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 20:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 20:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 20:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 20:02	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 20:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 20:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 20:02	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 20:02	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 20:02	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 20:02	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 20:02	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 20:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 20:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-138		1	03/25/23 11:14	03/26/23 20:02	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/25/23 11:14	03/26/23 20:02	321-60-8	
Terphenyl-d14 (S)	94	%	19-191		1	03/25/23 11:14	03/26/23 20:02	1718-51-0	
Phenol-d6 (S)	64	%	10-130		1	03/25/23 11:14	03/26/23 20:02	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/25/23 11:14	03/26/23 20:02	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-164		1	03/25/23 11:14	03/26/23 20:02	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	0.097	0.042	1	03/24/23 11:59	03/27/23 18:18	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	03/24/23 11:59	03/27/23 18:18	4165-60-0	
2-Fluorobiphenyl (S)	108	%	61-194		1	03/24/23 11:59	03/27/23 18:18	321-60-8	
Terphenyl-d14 (S)	101	%	69-180		1	03/24/23 11:59	03/27/23 18:18	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		03/24/23 01:54	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 01:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 01:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 01:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 01:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 01:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 01:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 01:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 01:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 01:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 01:54	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: EB-02-20230321 **Lab ID: 92658356009** Collected: 03/21/23 16:30 Received: 03/22/23 16:00 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	1.0	0.43	1		03/24/23 01:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 01:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 01:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 01:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 01:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 01:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 01:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 01:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 01:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 01:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 01:54	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 01:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 01:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 01:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 01:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 01:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 01:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 01:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 01:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 01:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 01:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 01:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 01:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 01:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 01:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 01:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 01:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 01:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 01:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 01:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 01:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 01:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 01:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 01:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/23 01:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 01:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 01:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 01:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 01:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 01:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 01:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 01:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 01:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 01:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 01:54	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: EB-02-20230321 **Lab ID: 92658356009** Collected: 03/21/23 16:30 Received: 03/22/23 16:00 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		03/24/23 01:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 01:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 01:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/24/23 01:54	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		03/24/23 01:54	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/24/23 01:54	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: TB-03-20230321 **Lab ID: 92658356010** Collected: 03/21/23 00:00 Received: 03/22/23 16:00 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		03/24/23 02:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/23 02:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 02:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 02:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 02:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 02:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 02:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 02:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 02:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 02:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 02:13	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/24/23 02:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 02:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 02:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 02:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 02:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 02:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 02:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 02:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 02:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 02:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 02:13	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 02:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 02:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 02:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 02:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 02:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 02:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 02:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 02:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 02:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 02:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 02:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 02:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 02:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 02:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 02:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 02:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 02:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 02:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 02:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/23 02:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 02:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 02:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 02:13	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: TB-03-20230321 **Lab ID: 92658356010** Collected: 03/21/23 00:00 Received: 03/22/23 16:00 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		03/24/23 02:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/23 02:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 02:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 02:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 02:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 02:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 02:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 02:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 02:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 02:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 02:13	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/24/23 02:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 02:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 02:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/24/23 02:13	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/24/23 02:13	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/24/23 02:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34BR-20230321 **Lab ID: 92658356011** Collected: 03/21/23 10:12 Received: 03/22/23 16:00 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	8.3	1.7	1	03/25/23 11:14	03/26/23 20:27	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 20:27	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 20:27	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/25/23 11:14	03/26/23 20:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 20:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 20:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 20:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 20:27	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/25/23 11:14	03/26/23 20:27	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/25/23 11:14	03/26/23 20:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 20:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/25/23 11:14	03/26/23 20:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/25/23 11:14	03/26/23 20:27	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/25/23 11:14	03/26/23 20:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 20:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 20:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 20:27	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 20:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 20:27	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 20:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 20:27	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 20:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/25/23 11:14	03/26/23 20:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 20:27	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 20:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 20:27	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 20:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 20:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/25/23 11:14	03/26/23 20:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/25/23 11:14	03/26/23 20:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 20:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 20:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/25/23 11:14	03/26/23 20:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/25/23 11:14	03/26/23 20:27	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 20:27	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 20:27	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 20:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 20:27	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 20:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 20:27	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 20:27	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 20:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 20:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 20:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 20:27	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34BR-20230321 **Lab ID: 92658356011** Collected: 03/21/23 10:12 Received: 03/22/23 16:00 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	16.7	2.5	1	03/25/23 11:14	03/26/23 20:27	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 20:27	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/25/23 11:14	03/26/23 20:27	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 20:27	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 20:27	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/25/23 11:14	03/26/23 20:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 20:27	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 20:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 20:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/25/23 11:14	03/26/23 20:27	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 20:27	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 20:27	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 20:27	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 20:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 20:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 20:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-138		1	03/25/23 11:14	03/26/23 20:27	4165-60-0	
2-Fluorobiphenyl (S)	90	%	10-130		1	03/25/23 11:14	03/26/23 20:27	321-60-8	
Terphenyl-d14 (S)	100	%	19-191		1	03/25/23 11:14	03/26/23 20:27	1718-51-0	
Phenol-d6 (S)	59	%	10-130		1	03/25/23 11:14	03/26/23 20:27	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/25/23 11:14	03/26/23 20:27	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-164		1	03/25/23 11:14	03/26/23 20:27	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	0.098	0.042	1	03/24/23 11:59	03/28/23 11:43	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/24/23 11:59	03/28/23 11:43	4165-60-0	
2-Fluorobiphenyl (S)	98	%	61-194		1	03/24/23 11:59	03/28/23 11:43	321-60-8	
Terphenyl-d14 (S)	87	%	69-180		1	03/24/23 11:59	03/28/23 11:43	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		03/24/23 04:38	67-64-1	
Benzene	**1.7**	ug/L	1.0	0.34	1		03/24/23 04:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/23 04:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/23 04:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/23 04:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/23 04:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/23 04:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/23 04:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/23 04:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/23 04:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/23 04:38	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34BR-20230321 **Lab ID: 92658356011** Collected: 03/21/23 10:12 Received: 03/22/23 16:00 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	1.0	0.43	1		03/24/23 04:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/23 04:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 04:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/23 04:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/23 04:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/23 04:38	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/23 04:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 04:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/23 04:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/23 04:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/23 04:38	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/23 04:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 04:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/23 04:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 04:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/23 04:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/23 04:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/23 04:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/23 04:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/23 04:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 04:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/23 04:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/23 04:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/23 04:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/23 04:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/23 04:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/23 04:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/23 04:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/23 04:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/23 04:38	1634-04-4	
Naphthalene	**2.1**	ug/L	1.0	0.64	1		03/24/23 04:38	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/23 04:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/23 04:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/23 04:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/23 04:38	127-18-4	
Toluene	**0.49J**	ug/L	1.0	0.48	1		03/24/23 04:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/23 04:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/23 04:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/23 04:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/23 04:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/23 04:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/23 04:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/23 04:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/23 04:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/23 04:38	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34BR-20230321 **Lab ID: 92658356011** Collected: 03/21/23 10:12 Received: 03/22/23 16:00 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		03/24/23 04:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/23 04:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/23 04:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/24/23 04:38	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/24/23 04:38	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/24/23 04:38	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29TZ-20230321 **Lab ID: 92658356012** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/27/23 14:10	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/27/23 14:10	74-85-1	
Methane	**2760**	ug/L	10.0	5.3	1		03/27/23 14:10	74-82-8	M1
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**14600**	ug/L	50.0	41.5	1	03/24/23 01:53	03/26/23 21:54	7439-89-6	
Manganese	**125**	ug/L	5.0	3.4	1	03/24/23 01:53	03/26/23 21:54	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**14800**	ug/L	50.0	41.5	1	03/24/23 15:00	03/27/23 16:30	7439-89-6	
Manganese, Dissolved	**134**	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:30	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**43.5**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:18	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:18	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:18	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 13:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 13:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 13:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 13:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 13:18	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 13:18	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 13:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 13:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 13:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 13:18	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 13:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 13:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:18	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 13:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:18	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 13:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 13:18	53-70-3	
Dibenzofuran	**3.0J**	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 13:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:18	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:18	84-66-2	
2,4-Dimethylphenol	**141**	ug/L	16.7	2.8	2	03/27/23 13:00	03/29/23 02:15	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 13:18	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29TZ-20230321 **Lab ID: 92658356012** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 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								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 13:18	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 13:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 13:18	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:18	206-44-0	
Fluorene	**9.7**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:18	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 13:18	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 13:18	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:18	78-59-1	
1-Methylnaphthalene	**108**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:18	90-12-0	
2-Methylnaphthalene	**157**	ug/L	16.7	3.1	2	03/27/23 13:00	03/29/23 02:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	**4.4J**	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 13:18	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	03/27/23 13:00	03/28/23 13:18	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 13:18	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 13:18	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:18	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:18	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 13:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:18	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 13:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 13:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 13:18	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 13:18	87-86-5	
Phenanthrene	**7.4J**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:18	85-01-8	
Phenol	**8.7**	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 13:18	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 13:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	10-138		1	03/27/23 13:00	03/28/23 13:18	4165-60-0	
2-Fluorobiphenyl (S)	49	%	10-130		1	03/27/23 13:00	03/28/23 13:18	321-60-8	
Terphenyl-d14 (S)	87	%	19-191		1	03/27/23 13:00	03/28/23 13:18	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/27/23 13:00	03/28/23 13:18	13127-88-3	
2-Fluorophenol (S)	55	%	10-130		1	03/27/23 13:00	03/28/23 13:18	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-164		1	03/27/23 13:00	03/28/23 13:18	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	0.097	0.042	1	03/24/23 11:59	03/27/23 18:40	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	03/24/23 11:59	03/27/23 18:40	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29TZ-20230321 **Lab ID: 92658356012** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	99	%	61-194		1	03/24/23 11:59	03/27/23 18:40	321-60-8	
Terphenyl-d14 (S)	133	%	69-180		1	03/24/23 11:59	03/27/23 18:40	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	625	128	25		03/25/23 10:06	67-64-1	
Benzene	**1330**	ug/L	25.0	8.6	25		03/25/23 10:06	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		03/25/23 10:06	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		03/25/23 10:06	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		03/25/23 10:06	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		03/25/23 10:06	75-25-2	
Bromomethane	ND	ug/L	50.0	41.5	25		03/25/23 10:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	99.0	25		03/25/23 10:06	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		03/25/23 10:06	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		03/25/23 10:06	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		03/25/23 10:06	75-00-3	v1
Chloroform	ND	ug/L	25.0	10.8	25		03/25/23 10:06	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		03/25/23 10:06	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		03/25/23 10:06	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		03/25/23 10:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		03/25/23 10:06	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		03/25/23 10:06	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		03/25/23 10:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/25/23 10:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/25/23 10:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		03/25/23 10:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		03/25/23 10:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		03/25/23 10:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		03/25/23 10:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		03/25/23 10:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		03/25/23 10:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		03/25/23 10:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		03/25/23 10:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		03/25/23 10:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		03/25/23 10:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		03/25/23 10:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/25/23 10:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/25/23 10:06	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		03/25/23 10:06	108-20-3	
Ethylbenzene	**273**	ug/L	25.0	7.6	25		03/25/23 10:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		03/25/23 10:06	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		03/25/23 10:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		03/25/23 10:06	99-87-6	
Methylene Chloride	**102J**	ug/L	125	48.8	25		03/25/23 10:06	75-09-2	C9

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29TZ-20230321 **Lab ID: 92658356012** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		03/25/23 10:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		03/25/23 10:06	1634-04-4	
Naphthalene	**2620**	ug/L	25.0	16.1	25		03/25/23 10:06	91-20-3	
Styrene	ND	ug/L	25.0	7.3	25		03/25/23 10:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		03/25/23 10:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		03/25/23 10:06	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		03/25/23 10:06	127-18-4	
Toluene	**12.8J**	ug/L	25.0	12.1	25		03/25/23 10:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		03/25/23 10:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		03/25/23 10:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		03/25/23 10:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		03/25/23 10:06	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		03/25/23 10:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		03/25/23 10:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		03/25/23 10:06	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		03/25/23 10:06	108-05-4	
Vinyl chloride	ND	ug/L	25.0	9.6	25		03/25/23 10:06	75-01-4	
Xylene (Total)	**154**	ug/L	25.0	8.4	25		03/25/23 10:06	1330-20-7	
m&p-Xylene	**90.0**	ug/L	50.0	17.7	25		03/25/23 10:06	179601-23-1	
o-Xylene	**64.5**	ug/L	25.0	8.4	25		03/25/23 10:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		25		03/25/23 10:06	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		25		03/25/23 10:06	17060-07-0	
Toluene-d8 (S)	102	%	70-130		25		03/25/23 10:06	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**159**	mg/L	5.0	5.0	1		03/28/23 16:40		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:07	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		03/23/23 14:51	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.16**	mg/L	0.10	0.031	1		03/24/23 12:23	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.20	0.086	5		03/27/23 21:25		D3

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29TZ-20230321 **Lab ID: 92658356012** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**6.0**	mg/L	1.0	0.50	1		03/27/23 19:41	7440-44-0	
Total Organic Carbon	**6.0**	mg/L	1.0	0.50	1		03/27/23 19:41	7440-44-0	
Total Organic Carbon	**6.1**	mg/L	1.0	0.50	1		03/27/23 19:41	7440-44-0	
Total Organic Carbon	**6.3**	mg/L	1.0	0.50	1		03/27/23 19:41	7440-44-0	
Mean Total Organic Carbon	**6.1**	mg/L	1.0	0.50	1		03/27/23 19:41	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**204**	mg/L	5.0		1		03/29/23 13:54	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29BR-20230321 **Lab ID: 92658356013** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/27/23 14:26	74-84-0	
Ethene	**19.0**	ug/L	10.0	5.7	1		03/27/23 14:26	74-85-1	
Methane	**3750**	ug/L	10.0	5.3	1		03/27/23 14:26	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/24/23 01:53	03/26/23 21:58	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/24/23 01:53	03/26/23 21:58	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	03/24/23 15:00	03/27/23 16:33	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:33	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**2.2J**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:44	83-32-9	
Acenaphthylene	**21.4**	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:44	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:44	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 13:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 13:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 13:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 13:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 13:44	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 13:44	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 13:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 13:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 13:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 13:44	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 13:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 13:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:44	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 13:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:44	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 13:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 13:44	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 13:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:44	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:44	84-66-2	
2,4-Dimethylphenol	**11.3**	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:44	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 13:44	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29BR-20230321 **Lab ID: 92658356013** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 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								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 13:44	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 13:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 13:44	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:44	206-44-0	
Fluorene	**3.2J**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:44	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 13:44	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 13:44	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 13:44	78-59-1	
1-Methylnaphthalene	**40.2**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:44	90-12-0	
2-Methylnaphthalene	**62.9**	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 13:44	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	03/27/23 13:00	03/28/23 13:44	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 13:44	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 13:44	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:44	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:44	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 13:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 13:44	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 13:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 13:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 13:44	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 13:44	87-86-5	
Phenanthrene	**1.8J**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 13:44	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 13:44	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 13:44	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 13:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 13:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	10-138		1	03/27/23 13:00	03/28/23 13:44	4165-60-0	
2-Fluorobiphenyl (S)	61	%	10-130		1	03/27/23 13:00	03/28/23 13:44	321-60-8	
Terphenyl-d14 (S)	76	%	19-191		1	03/27/23 13:00	03/28/23 13:44	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	03/27/23 13:00	03/28/23 13:44	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/27/23 13:00	03/28/23 13:44	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-164		1	03/27/23 13:00	03/28/23 13:44	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	0.098	0.042	1	03/24/23 11:59	03/27/23 19:02	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	95	%	69-194		1	03/24/23 11:59	03/27/23 19:02	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29BR-20230321 **Lab ID: 92658356013** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	98	%	61-194		1	03/24/23 11:59	03/27/23 19:02	321-60-8	
Terphenyl-d14 (S)	108	%	69-180		1	03/24/23 11:59	03/27/23 19:02	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	125	25.6	5		03/23/23 22:35	67-64-1	
Benzene	**238**	ug/L	5.0	1.7	5		03/23/23 22:35	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		03/23/23 22:35	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		03/23/23 22:35	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		03/23/23 22:35	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		03/23/23 22:35	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		03/23/23 22:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		03/23/23 22:35	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		03/23/23 22:35	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		03/23/23 22:35	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		03/23/23 22:35	75-00-3	
Chloroform	ND	ug/L	5.0	2.2	5		03/23/23 22:35	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		03/23/23 22:35	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/23/23 22:35	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/23/23 22:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		03/23/23 22:35	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		03/23/23 22:35	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		03/23/23 22:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/23/23 22:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/23/23 22:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/23/23 22:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		03/23/23 22:35	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		03/23/23 22:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		03/23/23 22:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		03/23/23 22:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		03/23/23 22:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		03/23/23 22:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		03/23/23 22:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		03/23/23 22:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		03/23/23 22:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		03/23/23 22:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/23/23 22:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/23/23 22:35	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		03/23/23 22:35	108-20-3	
Ethylbenzene	**20.0**	ug/L	5.0	1.5	5		03/23/23 22:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		03/23/23 22:35	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		03/23/23 22:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		03/23/23 22:35	99-87-6	
Methylene Chloride	**21.9J**	ug/L	25.0	9.8	5		03/23/23 22:35	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29BR-20230321 **Lab ID: 92658356013** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		03/23/23 22:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		03/23/23 22:35	1634-04-4	
Naphthalene	**612**	ug/L	5.0	3.2	5		03/23/23 22:35	91-20-3	
Styrene	**49.6**	ug/L	5.0	1.5	5		03/23/23 22:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		03/23/23 22:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		03/23/23 22:35	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		03/23/23 22:35	127-18-4	
Toluene	**185**	ug/L	5.0	2.4	5		03/23/23 22:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		03/23/23 22:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		03/23/23 22:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		03/23/23 22:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		03/23/23 22:35	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		03/23/23 22:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		03/23/23 22:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		03/23/23 22:35	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		03/23/23 22:35	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		03/23/23 22:35	75-01-4	
Xylene (Total)	**65.7**	ug/L	5.0	1.7	5		03/23/23 22:35	1330-20-7	
m&p-Xylene	**44.9**	ug/L	10.0	3.5	5		03/23/23 22:35	179601-23-1	
o-Xylene	**20.8**	ug/L	5.0	1.7	5		03/23/23 22:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		5		03/23/23 22:35	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		5		03/23/23 22:35	17060-07-0	
Toluene-d8 (S)	100	%	70-130		5		03/23/23 22:35	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**169**	mg/L	5.0	5.0	1		03/28/23 16:52		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:08	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		03/23/23 15:38	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/24/23 12:24	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		03/27/23 20:58		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29BR-20230321 **Lab ID: 92658356013** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**2.0**	mg/L	1.0	0.50	1		03/27/23 20:38	7440-44-0	
Total Organic Carbon	**1.4**	mg/L	1.0	0.50	1		03/27/23 20:38	7440-44-0	
Total Organic Carbon	**1.2**	mg/L	1.0	0.50	1		03/27/23 20:38	7440-44-0	
Total Organic Carbon	**1.1**	mg/L	1.0	0.50	1		03/27/23 20:38	7440-44-0	
Mean Total Organic Carbon	**1.4**	mg/L	1.0	0.50	1		03/27/23 20:38	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**137**	mg/L	5.0		1		03/29/23 13:54	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29S-20230321 **Lab ID: 92658356014** Collected: 03/21/23 13:14 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/28/23 16:01	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/28/23 16:01	74-85-1	
Methane	**9.7J**	ug/L	10.0	5.3	1		03/28/23 16:01	74-82-8	B
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**89.4**	ug/L	50.0	41.5	1	03/24/23 01:53	03/26/23 22:01	7439-89-6	
Manganese	**422**	ug/L	5.0	3.4	1	03/24/23 01:53	03/26/23 22:01	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**51.4**	ug/L	50.0	41.5	1	03/24/23 15:00	03/27/23 16:44	7439-89-6	
Manganese, Dissolved	**443**	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:44	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 21:44	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 21:44	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 21:44	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/25/23 11:14	03/26/23 21:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 21:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 21:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 21:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 21:44	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/25/23 11:14	03/26/23 21:44	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/25/23 11:14	03/26/23 21:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 21:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/25/23 11:14	03/26/23 21:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/25/23 11:14	03/26/23 21:44	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/25/23 11:14	03/26/23 21:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 21:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 21:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 21:44	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 21:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 21:44	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 21:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 21:44	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 21:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/25/23 11:14	03/26/23 21:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 21:44	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 21:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 21:44	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 21:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 21:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/25/23 11:14	03/26/23 21:44	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29S-20230321 **Lab ID: 92658356014** Collected: 03/21/23 13:14 Received: 03/22/23 16:00 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								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/25/23 11:14	03/26/23 21:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 21:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 21:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/25/23 11:14	03/26/23 21:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/25/23 11:14	03/26/23 21:44	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 21:44	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 21:44	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 21:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 21:44	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 21:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 21:44	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 21:44	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 21:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 21:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 21:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 21:44	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	03/25/23 11:14	03/26/23 21:44	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 21:44	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/25/23 11:14	03/26/23 21:44	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 21:44	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 21:44	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/25/23 11:14	03/26/23 21:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 21:44	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 21:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 21:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/25/23 11:14	03/26/23 21:44	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 21:44	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 21:44	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 21:44	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 21:44	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 21:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 21:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	62	%	10-138		1	03/25/23 11:14	03/26/23 21:44	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-130		1	03/25/23 11:14	03/26/23 21:44	321-60-8	
Terphenyl-d14 (S)	103	%	19-191		1	03/25/23 11:14	03/26/23 21:44	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/25/23 11:14	03/26/23 21:44	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/25/23 11:14	03/26/23 21:44	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-164		1	03/25/23 11:14	03/26/23 21:44	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	0.097	0.042	1	03/24/23 11:59	03/27/23 19:24	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/24/23 11:59	03/27/23 19:24	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29S-20230321 **Lab ID: 92658356014** Collected: 03/21/23 13:14 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	108	%	61-194		1	03/24/23 11:59	03/27/23 19:24	321-60-8	
Terphenyl-d14 (S)	104	%	69-180		1	03/24/23 11:59	03/27/23 19:24	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		03/23/23 21:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 21:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 21:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 21:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 21:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 21:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 21:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 21:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 21:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 21:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 21:04	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/23/23 21:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 21:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 21:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 21:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 21:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 21:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 21:04	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 21:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 21:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 21:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 21:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 21:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 21:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 21:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 21:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 21:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 21:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 21:04	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29S-20230321 **Lab ID: 92658356014** Collected: 03/21/23 13:14 Received: 03/22/23 16:00 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 21:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 21:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 21:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 21:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 21:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 21:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 21:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 21:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 21:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 21:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 21:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/23 21:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 21:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 21:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/23 21:04	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/23/23 21:04	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/23 21:04	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**472**	mg/L	5.0	5.0	1		03/28/23 18:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:08	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**88.9**	mg/L	1.0	0.50	1		03/23/23 15:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.083J**	mg/L	0.10	0.031	1		03/24/23 12:26	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.017J**	mg/L	0.040	0.017	1		03/27/23 21:01		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-29S-20230321 **Lab ID: 92658356014** Collected: 03/21/23 13:14 Received: 03/22/23 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**5.9**	mg/L	1.0	0.50	1		03/27/23 20:55	7440-44-0	
Total Organic Carbon	**5.7**	mg/L	1.0	0.50	1		03/27/23 20:55	7440-44-0	
Total Organic Carbon	**5.8**	mg/L	1.0	0.50	1		03/27/23 20:55	7440-44-0	
Total Organic Carbon	**5.8**	mg/L	1.0	0.50	1		03/27/23 20:55	7440-44-0	
Mean Total Organic Carbon	**5.8**	mg/L	1.0	0.50	1		03/27/23 20:55	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**474**	mg/L	5.0		1		03/29/23 13:54	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2TZ-20230321 **Lab ID: 92658356015** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 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	**113**	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 22:10	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 22:10	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 22:10	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/25/23 11:14	03/26/23 22:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 22:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 22:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 22:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 22:10	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/25/23 11:14	03/26/23 22:10	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/25/23 11:14	03/26/23 22:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 22:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/25/23 11:14	03/26/23 22:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/25/23 11:14	03/26/23 22:10	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/25/23 11:14	03/26/23 22:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 22:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 22:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 22:10	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 22:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 22:10	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 22:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 22:10	53-70-3	
Dibenzofuran	**6.1J**	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 22:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/25/23 11:14	03/26/23 22:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 22:10	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 22:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 22:10	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 22:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 22:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/25/23 11:14	03/26/23 22:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/25/23 11:14	03/26/23 22:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 22:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 22:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/25/23 11:14	03/26/23 22:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/25/23 11:14	03/26/23 22:10	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 22:10	206-44-0	
Fluorene	**21.3**	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 22:10	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 22:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 22:10	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 22:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 22:10	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 22:10	78-59-1	
1-Methylnaphthalene	**219**	ug/L	33.3	6.8	4	03/25/23 11:14	03/27/23 13:14	90-12-0	
2-Methylnaphthalene	**313**	ug/L	33.3	6.2	4	03/25/23 11:14	03/27/23 13:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 22:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 22:10	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2TZ-20230321 **Lab ID: 92658356015** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 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	16.7	2.5	1	03/25/23 11:14	03/26/23 22:10	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 22:10	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/25/23 11:14	03/26/23 22:10	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 22:10	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 22:10	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/25/23 11:14	03/26/23 22:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 22:10	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 22:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 22:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/25/23 11:14	03/26/23 22:10	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 22:10	87-86-5	
Phenanthrene	**11.1**	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 22:10	85-01-8	
Phenol	**3.0J**	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 22:10	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 22:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 22:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 22:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-138		1	03/25/23 11:14	03/26/23 22:10	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	03/25/23 11:14	03/26/23 22:10	321-60-8	
Terphenyl-d14 (S)	99	%	19-191		1	03/25/23 11:14	03/26/23 22:10	1718-51-0	
Phenol-d6 (S)	59	%	10-130		1	03/25/23 11:14	03/26/23 22:10	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/25/23 11:14	03/26/23 22:10	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-164		1	03/25/23 11:14	03/26/23 22:10	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	0.097	0.042	1	03/24/23 11:59	03/27/23 19:45	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	03/24/23 11:59	03/27/23 19:45	4165-60-0	
2-Fluorobiphenyl (S)	93	%	61-194		1	03/24/23 11:59	03/27/23 19:45	321-60-8	
Terphenyl-d14 (S)	111	%	69-180		1	03/24/23 11:59	03/27/23 19:45	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	625	128	25		03/23/23 23:11	67-64-1	
Benzene	**495**	ug/L	25.0	8.6	25		03/23/23 23:11	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		03/23/23 23:11	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		03/23/23 23:11	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		03/23/23 23:11	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		03/23/23 23:11	75-25-2	
Bromomethane	ND	ug/L	50.0	41.5	25		03/23/23 23:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	125	99.0	25		03/23/23 23:11	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		03/23/23 23:11	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		03/23/23 23:11	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		03/23/23 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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2TZ-20230321 **Lab ID: 92658356015** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 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	10.8	25		03/23/23 23:11	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		03/23/23 23:11	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		03/23/23 23:11	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		03/23/23 23:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		03/23/23 23:11	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		03/23/23 23:11	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		03/23/23 23:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/23/23 23:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/23/23 23:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		03/23/23 23:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		03/23/23 23:11	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		03/23/23 23:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		03/23/23 23:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		03/23/23 23:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		03/23/23 23:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		03/23/23 23:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		03/23/23 23:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		03/23/23 23:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		03/23/23 23:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		03/23/23 23:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/23/23 23:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/23/23 23:11	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		03/23/23 23:11	108-20-3	
Ethylbenzene	**133**	ug/L	25.0	7.6	25		03/23/23 23:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		03/23/23 23:11	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		03/23/23 23:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		03/23/23 23:11	99-87-6	
Methylene Chloride	**103J**	ug/L	125	48.8	25		03/23/23 23:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		03/23/23 23:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		03/23/23 23:11	1634-04-4	
Naphthalene	**2390**	ug/L	25.0	16.1	25		03/23/23 23:11	91-20-3	
Styrene	ND	ug/L	25.0	7.3	25		03/23/23 23:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		03/23/23 23:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		03/23/23 23:11	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		03/23/23 23:11	127-18-4	
Toluene	ND	ug/L	25.0	12.1	25		03/23/23 23:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		03/23/23 23:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		03/23/23 23:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		03/23/23 23:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		03/23/23 23:11	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		03/23/23 23:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		03/23/23 23:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		03/23/23 23:11	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		03/23/23 23:11	108-05-4	
Vinyl chloride	ND	ug/L	25.0	9.6	25		03/23/23 23:11	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2TZ-20230321 **Lab ID: 92658356015** Collected: 03/21/23 15:00 Received: 03/22/23 16:00 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)	**27.2**	ug/L	25.0	8.4	25		03/23/23 23:11	1330-20-7	
m&p-Xylene	**27.2J**	ug/L	50.0	17.7	25		03/23/23 23:11	179601-23-1	
o-Xylene	ND	ug/L	25.0	8.4	25		03/23/23 23:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		25		03/23/23 23:11	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		25		03/23/23 23:11	17060-07-0	
Toluene-d8 (S)	101	%	70-130		25		03/23/23 23:11	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2BR-20230321 **Lab ID: 92658356016** Collected: 03/21/23 15:47 Received: 03/22/23 16:00 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	**96.5**	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 14:09	83-32-9	
Acenaphthylene	**4.3J**	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 14:09	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 14:09	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/27/23 13:00	03/28/23 14:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/27/23 13:00	03/28/23 14:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/27/23 13:00	03/28/23 14:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/27/23 13:00	03/28/23 14:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/27/23 13:00	03/28/23 14:09	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	03/27/23 13:00	03/28/23 14:09	65-85-0	v1
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/27/23 13:00	03/28/23 14:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 14:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/27/23 13:00	03/28/23 14:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/27/23 13:00	03/28/23 14:09	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/27/23 13:00	03/28/23 14:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 14:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 14:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 14:09	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/27/23 13:00	03/28/23 14:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 14:09	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/27/23 13:00	03/28/23 14:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/27/23 13:00	03/28/23 14:09	53-70-3	
Dibenzofuran	**2.7J**	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 14:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/27/23 13:00	03/28/23 14:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 14:09	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 14:09	84-66-2	
2,4-Dimethylphenol	**43.1**	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 14:09	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 14:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 14:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/27/23 13:00	03/28/23 14:09	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/27/23 13:00	03/28/23 14:09	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 14:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 14:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/27/23 13:00	03/28/23 14:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/27/23 13:00	03/28/23 14:09	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 14:09	206-44-0	
Fluorene	**11.0**	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 14:09	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 14:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/27/23 13:00	03/28/23 14:09	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 14:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/27/23 13:00	03/28/23 14:09	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 14:09	78-59-1	
1-Methylnaphthalene	**119**	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 14:09	90-12-0	
2-Methylnaphthalene	**124**	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 14:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 14:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	03/27/23 13:00	03/28/23 14:09	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2BR-20230321 **Lab ID: 92658356016** Collected: 03/21/23 15:47 Received: 03/22/23 16:00 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	18.2	2.7	1	03/27/23 13:00	03/28/23 14:09	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/27/23 13:00	03/28/23 14:09	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/27/23 13:00	03/28/23 14:09	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 14:09	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 14:09	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/27/23 13:00	03/28/23 14:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 14:09	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/27/23 13:00	03/28/23 14:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/27/23 13:00	03/28/23 14:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/27/23 13:00	03/28/23 14:09	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/27/23 13:00	03/28/23 14:09	87-86-5	
Phenanthrene	**5.3J**	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 14:09	85-01-8	
Phenol	**10.4**	ug/L	9.1	1.2	1	03/27/23 13:00	03/28/23 14:09	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 14:09	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 14:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/27/23 13:00	03/28/23 14:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-138		1	03/27/23 13:00	03/28/23 14:09	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/27/23 13:00	03/28/23 14:09	321-60-8	
Terphenyl-d14 (S)	83	%	19-191		1	03/27/23 13:00	03/28/23 14:09	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	03/27/23 13:00	03/28/23 14:09	13127-88-3	
2-Fluorophenol (S)	45	%	10-130		1	03/27/23 13:00	03/28/23 14:09	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-164		1	03/27/23 13:00	03/28/23 14:09	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	0.099	0.042	1	03/24/23 11:59	03/27/23 20:07	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	03/24/23 11:59	03/27/23 20:07	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-194		1	03/24/23 11:59	03/27/23 20:07	321-60-8	
Terphenyl-d14 (S)	118	%	69-180		1	03/24/23 11:59	03/27/23 20:07	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		03/23/23 22:53	67-64-1	
Benzene	**770**	ug/L	12.5	4.3	12.5		03/23/23 22:53	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/23/23 22:53	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/23/23 22:53	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/23/23 22:53	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		03/23/23 22:53	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/23/23 22:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/23/23 22:53	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/23/23 22:53	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/23/23 22:53	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/23/23 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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2BR-20230321 **Lab ID: 92658356016** Collected: 03/21/23 15:47 Received: 03/22/23 16:00 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	5.4	12.5		03/23/23 22:53	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/23/23 22:53	74-87-3	
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/23/23 22:53	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/23/23 22:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/23/23 22:53	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/23/23 22:53	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/23/23 22:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/23 22:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/23 22:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/23 22:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/23/23 22:53	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/23/23 22:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/23/23 22:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/23/23 22:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/23/23 22:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/23/23 22:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/23/23 22:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/23/23 22:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/23/23 22:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/23/23 22:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/23/23 22:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/23/23 22:53	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/23/23 22:53	108-20-3	
Ethylbenzene	**47.3**	ug/L	12.5	3.8	12.5		03/23/23 22:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/23/23 22:53	87-68-3	
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/23/23 22:53	591-78-6	
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/23/23 22:53	99-87-6	
Methylene Chloride	**44.9J**	ug/L	62.5	24.4	12.5		03/23/23 22:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/23/23 22:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/23/23 22:53	1634-04-4	
Naphthalene	**1440**	ug/L	12.5	8.1	12.5		03/23/23 22:53	91-20-3	
Styrene	ND	ug/L	12.5	3.6	12.5		03/23/23 22:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/23/23 22:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/23/23 22:53	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/23/23 22:53	127-18-4	
Toluene	**18.1**	ug/L	12.5	6.1	12.5		03/23/23 22:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/23/23 22:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/23/23 22:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/23/23 22:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/23/23 22:53	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/23/23 22:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/23/23 22:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/23/23 22:53	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/23/23 22:53	108-05-4	
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/23/23 22:53	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-2BR-20230321 **Lab ID: 92658356016** Collected: 03/21/23 15:47 Received: 03/22/23 16:00 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)	**101**	ug/L	12.5	4.2	12.5		03/23/23 22:53	1330-20-7	
m&p-Xylene	**55.1**	ug/L	25.0	8.9	12.5		03/23/23 22:53	179601-23-1	
o-Xylene	**46.4**	ug/L	12.5	4.2	12.5		03/23/23 22:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		12.5		03/23/23 22:53	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		12.5		03/23/23 22:53	17060-07-0	
Toluene-d8 (S)	100	%	70-130		12.5		03/23/23 22:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34TZ-20230321 **Lab ID: 92658356017** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 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	8.3	1.7	1	03/25/23 11:14	03/26/23 23:01	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 23:01	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 23:01	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/25/23 11:14	03/26/23 23:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 23:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/25/23 11:14	03/26/23 23:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 23:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 23:01	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/25/23 11:14	03/26/23 23:01	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/25/23 11:14	03/26/23 23:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 23:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/25/23 11:14	03/26/23 23:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/25/23 11:14	03/26/23 23:01	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/25/23 11:14	03/26/23 23:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/25/23 11:14	03/26/23 23:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 23:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 23:01	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 23:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 23:01	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/25/23 11:14	03/26/23 23:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 23:01	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 23:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/25/23 11:14	03/26/23 23:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 23:01	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 23:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 23:01	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 23:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 23:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/25/23 11:14	03/26/23 23:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/25/23 11:14	03/26/23 23:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 23:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 23:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/25/23 11:14	03/26/23 23:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/25/23 11:14	03/26/23 23:01	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 23:01	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 23:01	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 23:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 23:01	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 23:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/25/23 11:14	03/26/23 23:01	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/25/23 11:14	03/26/23 23:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 23:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 23:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 23:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/25/23 11:14	03/26/23 23:01	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34TZ-20230321 **Lab ID: 92658356017** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 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	16.7	2.5	1	03/25/23 11:14	03/26/23 23:01	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 23:01	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/25/23 11:14	03/26/23 23:01	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 23:01	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 23:01	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/25/23 11:14	03/26/23 23:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/25/23 11:14	03/26/23 23:01	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 23:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/25/23 11:14	03/26/23 23:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/25/23 11:14	03/26/23 23:01	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/25/23 11:14	03/26/23 23:01	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/25/23 11:14	03/26/23 23:01	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/25/23 11:14	03/26/23 23:01	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/25/23 11:14	03/26/23 23:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/25/23 11:14	03/26/23 23:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/25/23 11:14	03/26/23 23:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-138		1	03/25/23 11:14	03/26/23 23:01	4165-60-0	
2-Fluorobiphenyl (S)	84	%	10-130		1	03/25/23 11:14	03/26/23 23:01	321-60-8	
Terphenyl-d14 (S)	96	%	19-191		1	03/25/23 11:14	03/26/23 23:01	1718-51-0	
Phenol-d6 (S)	87	%	10-130		1	03/25/23 11:14	03/26/23 23:01	13127-88-3	
2-Fluorophenol (S)	92	%	10-130		1	03/25/23 11:14	03/26/23 23:01	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-164		1	03/25/23 11:14	03/26/23 23:01	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	0.098	0.042	1	03/24/23 11:59	03/27/23 20:29	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	99	%	69-194		1	03/24/23 11:59	03/27/23 20:29	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-194		1	03/24/23 11:59	03/27/23 20:29	321-60-8	
Terphenyl-d14 (S)	107	%	69-180		1	03/24/23 11:59	03/27/23 20:29	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		03/23/23 21:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 21:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 21:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 21:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 21:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 21:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 21:22	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 21:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 21:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 21:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 21:22	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34TZ-20230321 **Lab ID: 92658356017** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 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	1.0	0.43	1		03/23/23 21:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 21:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 21:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 21:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 21:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 21:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 21:22	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 21:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 21:22	75-35-4	
cis-1,2-Dichloroethene	**3.5**	ug/L	1.0	0.38	1		03/23/23 21:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 21:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 21:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 21:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 21:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 21:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 21:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 21:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 21:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 21:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 21:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 21:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 21:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 21:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 21:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 21:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 21:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 21:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 21:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 21:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 21:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 21:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 21:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 21:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 21:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 21:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 21:22	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34TZ-20230321 **Lab ID: 92658356017** Collected: 03/21/23 11:50 Received: 03/22/23 16:00 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		03/23/23 21:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 21:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 21:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/23/23 21:22	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/23/23 21:22	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/23 21:22	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34S-20230321 **Lab ID: 92658356018** Collected: 03/21/23 10:20 Received: 03/22/23 16:00 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	8.7	1.7	1	03/25/23 11:14	03/26/23 23:26	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/25/23 11:14	03/26/23 23:26	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/25/23 11:14	03/26/23 23:26	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/25/23 11:14	03/26/23 23:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/25/23 11:14	03/26/23 23:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/25/23 11:14	03/26/23 23:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/25/23 11:14	03/26/23 23:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/25/23 11:14	03/26/23 23:26	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/25/23 11:14	03/26/23 23:26	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/25/23 11:14	03/26/23 23:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/25/23 11:14	03/26/23 23:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/25/23 11:14	03/26/23 23:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/25/23 11:14	03/26/23 23:26	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/25/23 11:14	03/26/23 23:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/25/23 11:14	03/26/23 23:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/25/23 11:14	03/26/23 23:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/25/23 11:14	03/26/23 23:26	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/25/23 11:14	03/26/23 23:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/25/23 11:14	03/26/23 23:26	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/25/23 11:14	03/26/23 23:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/25/23 11:14	03/26/23 23:26	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/25/23 11:14	03/26/23 23:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/25/23 11:14	03/26/23 23:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/25/23 11:14	03/26/23 23:26	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/25/23 11:14	03/26/23 23:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/25/23 11:14	03/26/23 23:26	105-67-9	L1
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/25/23 11:14	03/26/23 23:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/25/23 11:14	03/26/23 23:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/25/23 11:14	03/26/23 23:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/25/23 11:14	03/26/23 23:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/25/23 11:14	03/26/23 23:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/25/23 11:14	03/26/23 23:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/25/23 11:14	03/26/23 23:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/25/23 11:14	03/26/23 23:26	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/25/23 11:14	03/26/23 23:26	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/25/23 11:14	03/26/23 23:26	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/25/23 11:14	03/26/23 23:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/25/23 11:14	03/26/23 23:26	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/25/23 11:14	03/26/23 23:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/25/23 11:14	03/26/23 23:26	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/25/23 11:14	03/26/23 23:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/25/23 11:14	03/26/23 23:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/25/23 11:14	03/26/23 23:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/25/23 11:14	03/26/23 23:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/25/23 11:14	03/26/23 23:26	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34S-20230321 **Lab ID: 92658356018** Collected: 03/21/23 10:20 Received: 03/22/23 16:00 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	17.4	2.6	1	03/25/23 11:14	03/26/23 23:26	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/25/23 11:14	03/26/23 23:26	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/25/23 11:14	03/26/23 23:26	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/25/23 11:14	03/26/23 23:26	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/25/23 11:14	03/26/23 23:26	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/25/23 11:14	03/26/23 23:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/25/23 11:14	03/26/23 23:26	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/25/23 11:14	03/26/23 23:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/25/23 11:14	03/26/23 23:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/25/23 11:14	03/26/23 23:26	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/25/23 11:14	03/26/23 23:26	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/25/23 11:14	03/26/23 23:26	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/25/23 11:14	03/26/23 23:26	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/25/23 11:14	03/26/23 23:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/25/23 11:14	03/26/23 23:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/25/23 11:14	03/26/23 23:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-138		1	03/25/23 11:14	03/26/23 23:26	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/25/23 11:14	03/26/23 23:26	321-60-8	
Terphenyl-d14 (S)	103	%	19-191		1	03/25/23 11:14	03/26/23 23:26	1718-51-0	
Phenol-d6 (S)	62	%	10-130		1	03/25/23 11:14	03/26/23 23:26	13127-88-3	
2-Fluorophenol (S)	70	%	10-130		1	03/25/23 11:14	03/26/23 23:26	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-164		1	03/25/23 11:14	03/26/23 23:26	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	0.097	0.042	1	03/24/23 11:59	03/27/23 20:51	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	03/24/23 11:59	03/27/23 20:51	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/24/23 11:59	03/27/23 20:51	321-60-8	
Terphenyl-d14 (S)	99	%	69-180		1	03/24/23 11:59	03/27/23 20:51	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		03/23/23 21:40	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 21:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 21:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 21:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 21:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 21:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 21:40	74-83-9	v3
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 21:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 21:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 21:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 21:40	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34S-20230321 **Lab ID: 92658356018** Collected: 03/21/23 10:20 Received: 03/22/23 16:00 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	1.0	0.43	1		03/23/23 21:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 21:40	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 21:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 21:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 21:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 21:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 21:40	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 21:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 21:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 21:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 21:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 21:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 21:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 21:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 21:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 21:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 21:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 21:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 21:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 21:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 21:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 21:40	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 21:40	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 21:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 21:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 21:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 21:40	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 21:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 21:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 21:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 21:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 21:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 21:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 21:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 21:40	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-34S-20230321 **Lab ID: 92658356018** Collected: 03/21/23 10:20 Received: 03/22/23 16:00 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		03/23/23 21:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 21:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 21:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/23/23 21:40	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/23/23 21:40	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/23/23 21:40	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36BR-20230321 **Lab ID: 92658356019** Collected: 03/21/23 10:41 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 12:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:10	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:10	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 12:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 12:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 12:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 12:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 12:10	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 12:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 12:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 12:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 12:10	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 12:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 12:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 12:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 12:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:10	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 12:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 12:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 12:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 12:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:10	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 12:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 12:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 12:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 12:10	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 12:10	117-81-7	v1
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:10	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 12:10	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 12:10	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:10	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 12:10	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36BR-20230321 **Lab ID: 92658356019** Collected: 03/21/23 10:41 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 12:10	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 12:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 12:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 12:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:10	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 12:10	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 12:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 12:10	108-60-1	v1
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 12:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:10	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:10	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	108	%	10-138		1	03/25/23 11:14	03/26/23 12:10	4165-60-0	
2-Fluorobiphenyl (S)	74	%	10-130		1	03/25/23 11:14	03/26/23 12:10	321-60-8	
Terphenyl-d14 (S)	115	%	19-191		1	03/25/23 11:14	03/26/23 12:10	1718-51-0	
Phenol-d6 (S)	60	%	10-130		1	03/25/23 11:14	03/26/23 12:10	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/25/23 11:14	03/26/23 12:10	367-12-4	
2,4,6-Tribromophenol (S)	116	%	10-164		1	03/25/23 11:14	03/26/23 12:10	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	03/24/23 11:59	03/27/23 21:13	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/24/23 11:59	03/27/23 21:13	4165-60-0	
2-Fluorobiphenyl (S)	97	%	61-194		1	03/24/23 11:59	03/27/23 21:13	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	03/24/23 11:59	03/27/23 21:13	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		03/23/23 21:58	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 21:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 21:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 21:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 21:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 21:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 21:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 21:58	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 21:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 21:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 21:58	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36BR-20230321 **Lab ID: 92658356019** Collected: 03/21/23 10:41 Received: 03/22/23 16:00 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	1.0	0.43	1		03/23/23 21:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 21:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 21:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 21:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 21:58	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 21:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 21:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 21:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 21:58	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 21:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 21:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 21:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 21:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 21:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 21:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 21:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 21:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 21:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 21:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 21:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 21:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 21:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 21:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 21:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 21:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 21:58	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 21:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 21:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 21:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 21:58	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 21:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 21:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 21:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 21:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 21:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 21:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 21:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 21:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 21:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 21:58	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-36BR-20230321 **Lab ID: 92658356019** Collected: 03/21/23 10:41 Received: 03/22/23 16:00 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		03/23/23 21:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 21:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 21:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/23/23 21:58	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/23/23 21:58	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/23/23 21:58	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42S-20230321 **Lab ID: 92658356020** Collected: 03/21/23 11:53 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 12:35	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:35	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:35	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/25/23 11:14	03/26/23 12:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 12:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/25/23 11:14	03/26/23 12:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 12:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/25/23 11:14	03/26/23 12:35	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/25/23 11:14	03/26/23 12:35	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/25/23 11:14	03/26/23 12:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 12:35	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/25/23 11:14	03/26/23 12:35	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/25/23 11:14	03/26/23 12:35	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/25/23 11:14	03/26/23 12:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/25/23 11:14	03/26/23 12:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:35	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:35	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 12:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:35	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/25/23 11:14	03/26/23 12:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 12:35	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 12:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/25/23 11:14	03/26/23 12:35	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:35	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:35	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:35	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 12:35	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/25/23 11:14	03/26/23 12:35	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/25/23 11:14	03/26/23 12:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:35	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/25/23 11:14	03/26/23 12:35	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/25/23 11:14	03/26/23 12:35	117-81-7	v1
Fluoranthene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:35	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/25/23 11:14	03/26/23 12:35	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:35	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/25/23 11:14	03/26/23 12:35	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/25/23 11:14	03/26/23 12:35	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 12:35	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42S-20230321 **Lab ID: 92658356020** Collected: 03/21/23 11:53 Received: 03/22/23 16:00 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	03/25/23 11:14	03/26/23 12:35	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 12:35	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/25/23 11:14	03/26/23 12:35	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:35	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:35	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/25/23 11:14	03/26/23 12:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/25/23 11:14	03/26/23 12:35	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/25/23 11:14	03/26/23 12:35	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/25/23 11:14	03/26/23 12:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/25/23 11:14	03/26/23 12:35	108-60-1	v1
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/25/23 11:14	03/26/23 12:35	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/25/23 11:14	03/26/23 12:35	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:35	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/25/23 11:14	03/26/23 12:35	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/25/23 11:14	03/26/23 12:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/25/23 11:14	03/26/23 12:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	110	%	10-138		1	03/25/23 11:14	03/26/23 12:35	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/25/23 11:14	03/26/23 12:35	321-60-8	
Terphenyl-d14 (S)	106	%	19-191		1	03/25/23 11:14	03/26/23 12:35	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	03/25/23 11:14	03/26/23 12:35	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/25/23 11:14	03/26/23 12:35	367-12-4	
2,4,6-Tribromophenol (S)	109	%	10-164		1	03/25/23 11:14	03/26/23 12:35	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	0.098	0.042	1	03/24/23 11:59	03/27/23 21:34	50-32-8	L1
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/24/23 11:59	03/27/23 21:34	4165-60-0	
2-Fluorobiphenyl (S)	96	%	61-194		1	03/24/23 11:59	03/27/23 21:34	321-60-8	
Terphenyl-d14 (S)	97	%	69-180		1	03/24/23 11:59	03/27/23 21:34	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		03/23/23 22:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 22:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 22:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 22:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 22:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 22:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 22:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 22:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 22:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 22:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 22:16	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42S-20230321 **Lab ID: 92658356020** Collected: 03/21/23 11:53 Received: 03/22/23 16:00 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	**1.5**	ug/L	1.0	0.43	1		03/23/23 22:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 22:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 22:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 22:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 22:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 22:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 22:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 22:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 22:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 22:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 22:16	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 22:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 22:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 22:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 22:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 22:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 22:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 22:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 22:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 22:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 22:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 22:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 22:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 22:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 22:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 22:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 22:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 22:16	108-10-1	
Methyl-tert-butyl ether	**0.67J**	ug/L	1.0	0.42	1		03/23/23 22:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 22:16	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 22:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 22:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 22:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/23 22:16	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 22:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 22:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 22:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 22:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 22:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 22:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 22:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 22:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 22:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 22:16	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: MW-42S-20230321 **Lab ID: 92658356020** Collected: 03/21/23 11:53 Received: 03/22/23 16:00 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		03/23/23 22:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 22:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 22:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/23 22:16	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/23/23 22:16	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/23 22:16	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: TB-04-20230321 **Lab ID: 92658356021** Collected: 03/21/23 00:00 Received: 03/22/23 16:00 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		03/23/23 20:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/23 20:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/23 20:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/23 20:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/23 20:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/23 20:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/23 20:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/23 20:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/23 20:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/23 20:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/23 20:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/23/23 20:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/23 20:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 20:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/23 20:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/23 20:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/23 20:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/23 20:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 20:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/23 20:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/23 20:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/23 20:46	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/23 20:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 20:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/23 20:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 20:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/23 20:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/23 20:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/23 20:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/23 20:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/23 20:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 20:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/23 20:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/23 20:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/23 20:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/23 20:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/23 20:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/23 20:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/23 20:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/23 20:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/23 20:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/23 20:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/23 20:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/23 20:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/23 20:46	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 MGPFR7559C J23030238
Pace Project No.: 92658356

Sample: TB-04-20230321 **Lab ID: 92658356021** Collected: 03/21/23 00:00 Received: 03/22/23 16:00 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		03/23/23 20:46	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/23 20:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/23 20:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/23 20:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/23 20:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/23 20:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/23 20:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/23 20:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/23 20:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/23 20:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/23 20:46	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/23 20:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/23 20:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/23 20:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/23 20:46	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/23/23 20:46	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/23/23 20:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763989
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658356004, 92658356012, 92658356013

METHOD BLANK: 3967370 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/27/23 13:39	
Ethene	ug/L	ND	10.0	5.7	03/27/23 13:39	
Methane	ug/L	ND	10.0	5.3	03/27/23 13:39	

LABORATORY CONTROL SAMPLE: 3967371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	532	95	70-130	
Ethene	ug/L	520	496	95	70-130	
Methane	ug/L	297	279	94	70-130	

MATRIX SPIKE SAMPLE: 3967373

Parameter	Units	92658356012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	523	94	70-130	
Ethene	ug/L	ND	520	487	93	70-130	
Methane	ug/L	2760	297	2860	34	70-130	M1

SAMPLE DUPLICATE: 3967372

Parameter	Units	92658356004 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	ND	5.6J		20	

SAMPLE DUPLICATE: 3968031

Parameter	Units	92658554003 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	7.1J	5.4J		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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 764274
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658356014

METHOD BLANK: 3968717 Matrix: Water
Associated Lab Samples: 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/28/23 15:45	
Ethene	ug/L	ND	10.0	5.7	03/28/23 15:45	
Methane	ug/L	5.6J	10.0	5.3	03/28/23 15:45	

LABORATORY CONTROL SAMPLE: 3968718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	563	101	70-130	
Ethene	ug/L	520	525	101	70-130	
Methane	ug/L	297	295	99	70-130	

MATRIX SPIKE SAMPLE: 3968720

Parameter	Units	92658966006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	558	100	70-130	
Ethene	ug/L	ND	520	527	101	70-130	
Methane	ug/L	673	297	1190	173	70-130	M1

SAMPLE DUPLICATE: 3968719

Parameter	Units	92658966005 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	594	526	12	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763151
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3963544 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/26/23 21:33	
Manganese	ug/L	ND	5.0	3.4	03/26/23 21:33	

LABORATORY CONTROL SAMPLE: 3963545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4520	90	80-120	
Manganese	ug/L	500	468	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3963546 3963547

Parameter	Units	92658356004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	ND	5000	5000	4590	4570	92	91	75-125	0	20	
Manganese	ug/L	ND	500	500	463	458	92	91	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

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763706
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3966292 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/27/23 16:12	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/27/23 16:12	

LABORATORY CONTROL SAMPLE: 3966293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	5520	110	80-120	
Manganese, Dissolved	ug/L	500	573	115	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966294 3966295

Parameter	Units	92658356004 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	ND	5000	5000	4790	4910	96	98	75-125	2	20	
Manganese, Dissolved	ug/L	ND	500	500	497	506	99	101	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763371 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658356001, 92658356004, 92658356006, 92658356007, 92658356009, 92658356010, 92658356011

METHOD BLANK: 3964637 Matrix: Water
Associated Lab Samples: 92658356001, 92658356004, 92658356006, 92658356007, 92658356009, 92658356010, 92658356011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/23 20:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/23 20:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/23 20:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/23 20:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/23 20:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/23 20:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/23 20:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/23 20:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/23 20:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/23 20:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/23 20:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 20:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/23 20:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/23 20:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 20:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/23 20:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/23 20:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/23 20:09	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/23 20:09	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 20:09	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/23 20:09	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 20:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/23 20:09	
Acetone	ug/L	ND	25.0	5.1	03/23/23 20:09	
Benzene	ug/L	ND	1.0	0.34	03/23/23 20:09	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/23 20:09	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/23 20:09	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/23 20:09	
Bromoform	ug/L	ND	1.0	0.34	03/23/23 20:09	
Bromomethane	ug/L	ND	2.0	1.7	03/23/23 20:09	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/23 20:09	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/23 20:09	
Chloroethane	ug/L	ND	1.0	0.65	03/23/23 20:09	
Chloroform	ug/L	ND	1.0	0.43	03/23/23 20:09	
Chloromethane	ug/L	ND	1.0	0.54	03/23/23 20:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/23 20:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 20:09	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/23 20:09	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/23 20:09	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/23 20:09	IH

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

METHOD BLANK: 3964637 Matrix: Water
Associated Lab Samples: 92658356001, 92658356004, 92658356006, 92658356007, 92658356009, 92658356010, 92658356011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/23 20:09	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/23 20:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/23 20:09	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/23 20:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/23 20:09	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/23 20:09	
Naphthalene	ug/L	ND	1.0	0.64	03/23/23 20:09	
o-Xylene	ug/L	ND	1.0	0.34	03/23/23 20:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/23 20:09	
Styrene	ug/L	ND	1.0	0.29	03/23/23 20:09	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/23 20:09	
Toluene	ug/L	ND	1.0	0.48	03/23/23 20:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/23 20:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 20:09	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/23 20:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/23 20:09	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/23 20:09	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/23 20:09	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/23 20:09	
1,2-Dichloroethane-d4 (S)	%	101	70-130		03/23/23 20:09	
4-Bromofluorobenzene (S)	%	98	70-130		03/23/23 20:09	
Toluene-d8 (S)	%	101	70-130		03/23/23 20:09	

LABORATORY CONTROL SAMPLE: 3964638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	102	70-130	
1,1,1-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.8	99	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	105	70-130	
1,1-Dichloroethane	ug/L	20	20.7	104	70-130	
1,1-Dichloroethene	ug/L	20	22.0	110	70-130	
1,1-Dichloropropene	ug/L	20	22.3	111	70-130	
1,2,3-Trichlorobenzene	ug/L	20	19.8	99	70-130	
1,2,3-Trichloropropane	ug/L	20	19.3	97	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.7	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.3	96	70-130	
1,2-Dichlorobenzene	ug/L	20	20.1	100	70-130	
1,2-Dichloroethane	ug/L	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	20	20.0	100	70-130	
1,3-Dichlorobenzene	ug/L	20	20.5	102	70-130	
1,3-Dichloropropane	ug/L	20	19.7	98	70-130	
1,4-Dichlorobenzene	ug/L	20	20.1	101	70-130	
2,2-Dichloropropane	ug/L	20	20.8	104	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3964638

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	37.7	94	70-130	
2-Chlorotoluene	ug/L	20	20.5	102	70-130	
2-Hexanone	ug/L	40	41.3	103	70-130	
4-Chlorotoluene	ug/L	20	19.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.2	100	70-130	
Acetone	ug/L	40	36.7	92	70-130	
Benzene	ug/L	20	21.3	107	70-130	
Bromobenzene	ug/L	20	20.0	100	70-130	
Bromochloromethane	ug/L	20	20.3	101	70-130	
Bromodichloromethane	ug/L	20	20.0	100	70-130	
Bromoform	ug/L	20	19.4	97	70-130	
Bromomethane	ug/L	20	19.9	100	70-130	
Carbon tetrachloride	ug/L	20	21.5	108	70-130	
Chlorobenzene	ug/L	20	20.2	101	70-130	
Chloroethane	ug/L	20	20.6	103	70-130	
Chloroform	ug/L	20	21.6	108	70-130	
Chloromethane	ug/L	20	22.6	113	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.7	103	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.3	102	70-130	
Dibromochloromethane	ug/L	20	19.8	99	70-130	
Dibromomethane	ug/L	20	20.1	100	70-130	
Dichlorodifluoromethane	ug/L	20	25.8	129	70-130	IH
Diisopropyl ether	ug/L	20	19.5	98	70-130	
Ethylbenzene	ug/L	20	20.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	20	20.5	103	70-130	
m&p-Xylene	ug/L	40	41.0	102	70-130	
Methyl-tert-butyl ether	ug/L	20	18.2	91	70-130	
Methylene Chloride	ug/L	20	19.6	98	70-130	
Naphthalene	ug/L	20	21.5	107	70-130	
o-Xylene	ug/L	20	20.3	102	70-130	
p-Isopropyltoluene	ug/L	20	20.8	104	70-130	
Styrene	ug/L	20	20.7	103	70-130	
Tetrachloroethene	ug/L	20	20.5	102	70-130	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.7	103	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.5	103	70-130	
Trichloroethene	ug/L	20	21.1	105	70-130	
Trichlorofluoromethane	ug/L	20	20.0	100	70-130	
Vinyl acetate	ug/L	40	41.2	103	70-130	
Vinyl chloride	ug/L	20	18.2	91	70-130	
Xylene (Total)	ug/L	60	61.3	102	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3964640 3965327

Parameter	Units	92658356001 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	23.4	22.5	117	113	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.0	23.8	120	119	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	22.0	113	110	70-136	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.4	21.9	112	109	70-135	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.9	23.6	115	118	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.4	24.4	122	122	70-154	0	30	
1,1-Dichloropropene	ug/L	ND	20	20	25.9	25.3	129	126	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.0	21.7	110	108	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.3	21.3	111	106	71-137	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.4	21.7	112	108	73-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	21.1	110	106	65-134	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.2	21.9	111	109	70-133	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	22.4	22.6	112	113	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.0	22.4	115	112	70-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.0	22.5	115	113	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.3	21.6	111	108	70-143	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.3	22.0	111	110	70-133	1	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.2	24.5	121	122	61-148	1	30	
2-Butanone (MEK)	ug/L	ND	40	40	44.0	43.0	110	107	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	23.0	22.2	115	111	70-144	3	30	
2-Hexanone	ug/L	ND	40	40	47.1	45.0	118	112	65-138	5	30	
4-Chlorotoluene	ug/L	ND	20	20	22.6	22.5	113	113	70-137	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	44.2	43.8	111	110	65-135	1	30	
Acetone	ug/L	ND	40	40	40.6	41.4	102	104	60-148	2	30	
Benzene	ug/L	ND	20	20	23.1	23.0	115	115	70-151	0	30	
Bromobenzene	ug/L	ND	20	20	21.8	21.2	109	106	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	22.4	22.4	112	112	70-141	0	30	
Bromodichloromethane	ug/L	ND	20	20	21.6	21.9	108	110	70-138	2	30	
Bromoform	ug/L	ND	20	20	21.3	20.8	106	104	63-130	2	30	
Bromomethane	ug/L	ND	20	20	13.1	14.2	66	71	15-152	8	30	v3
Carbon tetrachloride	ug/L	ND	20	20	24.4	23.9	122	119	70-143	2	30	
Chlorobenzene	ug/L	ND	20	20	23.0	21.9	115	109	70-138	5	30	
Chloroethane	ug/L	ND	20	20	22.2	22.2	111	111	52-163	0	30	
Chloroform	ug/L	0.86J	20	20	24.2	25.1	116	121	70-139	4	30	
Chloromethane	ug/L	ND	20	20	21.4	21.8	107	109	41-139	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.6	23.0	118	115	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.1	21.8	110	109	70-137	1	30	
Dibromochloromethane	ug/L	ND	20	20	22.6	21.7	113	109	70-134	4	30	
Dibromomethane	ug/L	ND	20	20	21.1	21.5	106	107	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	24.8	25.2	124	126	47-155	2	30	IH,v1
Diisopropyl ether	ug/L	ND	20	20	22.0	22.4	110	112	63-144	2	30	
Ethylbenzene	ug/L	ND	20	20	22.9	22.0	115	110	66-153	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.8	23.7	119	118	65-149	0	30	
m&p-Xylene	ug/L	ND	40	40	46.2	45.0	116	112	69-152	3	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3964640 3965327

Parameter	Units	92658356001 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	21.3	20.8	107	104	54-156	3	30	
Methylene Chloride	ug/L	ND	20	20	20.6	20.4	103	102	42-159	1	30	
Naphthalene	ug/L	ND	20	20	22.9	22.4	114	112	61-148	2	30	
o-Xylene	ug/L	ND	20	20	22.4	21.8	112	109	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	24.3	23.5	122	118	70-146	3	30	
Styrene	ug/L	ND	20	20	23.4	22.4	117	112	70-135	4	30	
Tetrachloroethene	ug/L	ND	20	20	23.2	22.0	116	110	59-143	5	30	
Toluene	ug/L	ND	20	20	22.0	21.6	110	108	59-148	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.2	23.4	116	117	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.2	22.2	111	111	70-135	0	30	
Trichloroethene	ug/L	ND	20	20	23.2	23.0	116	115	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.2	24.1	121	121	70-148	1	30	
Vinyl acetate	ug/L	ND	40	40	45.3	46.1	113	115	49-151	2	30	
Vinyl chloride	ug/L	ND	20	20	19.4	19.3	97	97	70-156	1	30	
Xylene (Total)	ug/L	ND	60	60	68.7	66.7	114	111	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						103	107	70-130			
4-Bromofluorobenzene (S)	%						103	99	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763372 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658356013, 92658356014, 92658356015, 92658356016, 92658356017, 92658356018, 92658356019, 92658356020, 92658356021

METHOD BLANK: 3964654 Matrix: Water

Associated Lab Samples: 92658356013, 92658356014, 92658356015, 92658356016, 92658356017, 92658356018, 92658356019, 92658356020, 92658356021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/23 20:27	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/23 20:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/23 20:27	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/23 20:27	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/23 20:27	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/23 20:27	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/23 20:27	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/23 20:27	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/23 20:27	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/23 20:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/23 20:27	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 20:27	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/23 20:27	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/23 20:27	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/23 20:27	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/23 20:27	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/23 20:27	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/23 20:27	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/23 20:27	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 20:27	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/23 20:27	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/23 20:27	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/23 20:27	
Acetone	ug/L	ND	25.0	5.1	03/23/23 20:27	
Benzene	ug/L	ND	1.0	0.34	03/23/23 20:27	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/23 20:27	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/23 20:27	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/23 20:27	
Bromoform	ug/L	ND	1.0	0.34	03/23/23 20:27	
Bromomethane	ug/L	ND	2.0	1.7	03/23/23 20:27	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/23 20:27	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/23 20:27	
Chloroethane	ug/L	ND	1.0	0.65	03/23/23 20:27	
Chloroform	ug/L	ND	1.0	0.43	03/23/23 20:27	
Chloromethane	ug/L	ND	1.0	0.54	03/23/23 20:27	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/23 20:27	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 20:27	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/23 20:27	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/23 20:27	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

METHOD BLANK: 3964654 Matrix: Water
Associated Lab Samples: 92658356013, 92658356014, 92658356015, 92658356016, 92658356017, 92658356018, 92658356019, 92658356020, 92658356021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/23 20:27	IH
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/23 20:27	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/23 20:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/23 20:27	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/23 20:27	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/23 20:27	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/23 20:27	
Naphthalene	ug/L	ND	1.0	0.64	03/23/23 20:27	
o-Xylene	ug/L	ND	1.0	0.34	03/23/23 20:27	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/23 20:27	
Styrene	ug/L	ND	1.0	0.29	03/23/23 20:27	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/23 20:27	
Toluene	ug/L	ND	1.0	0.48	03/23/23 20:27	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/23 20:27	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/23 20:27	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/23 20:27	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/23 20:27	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/23 20:27	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/23 20:27	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/23 20:27	
1,2-Dichloroethane-d4 (S)	%	103	70-130		03/23/23 20:27	
4-Bromofluorobenzene (S)	%	99	70-130		03/23/23 20:27	
Toluene-d8 (S)	%	100	70-130		03/23/23 20:27	

LABORATORY CONTROL SAMPLE: 3964655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.7	104	70-130	
1,1,1-Trichloroethane	ug/L	20	20.3	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.8	99	70-130	
1,1,2-Trichloroethane	ug/L	20	20.5	103	70-130	
1,1-Dichloroethane	ug/L	20	19.9	100	70-130	
1,1-Dichloroethene	ug/L	20	20.4	102	70-130	
1,1-Dichloropropene	ug/L	20	21.7	109	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.3	102	70-130	
1,2,3-Trichloropropane	ug/L	20	19.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	20	19.9	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.7	103	70-130	
1,2-Dichlorobenzene	ug/L	20	20.1	100	70-130	
1,2-Dichloroethane	ug/L	20	19.7	99	70-130	
1,2-Dichloropropane	ug/L	20	20.1	101	70-130	
1,3-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,3-Dichloropropane	ug/L	20	19.6	98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3964655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	20.0	100	70-130	
2-Butanone (MEK)	ug/L	40	37.9	95	70-130	
2-Chlorotoluene	ug/L	20	19.7	99	70-130	
2-Hexanone	ug/L	40	41.5	104	70-130	
4-Chlorotoluene	ug/L	20	19.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.4	101	70-130	
Acetone	ug/L	40	37.0	93	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Bromobenzene	ug/L	20	19.9	100	70-130	
Bromochloromethane	ug/L	20	20.1	101	70-130	
Bromodichloromethane	ug/L	20	19.4	97	70-130	
Bromoform	ug/L	20	19.6	98	70-130	
Bromomethane	ug/L	20	19.2	96	70-130	
Carbon tetrachloride	ug/L	20	20.0	100	70-130	
Chlorobenzene	ug/L	20	20.1	101	70-130	
Chloroethane	ug/L	20	20.0	100	70-130	
Chloroform	ug/L	20	20.9	105	70-130	
Chloromethane	ug/L	20	21.6	108	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.6	98	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.9	100	70-130	
Dibromochloromethane	ug/L	20	19.8	99	70-130	
Dibromomethane	ug/L	20	19.6	98	70-130	
Dichlorodifluoromethane	ug/L	20	24.9	124	70-130	IH
Diisopropyl ether	ug/L	20	19.6	98	70-130	
Ethylbenzene	ug/L	20	19.7	99	70-130	
Hexachloro-1,3-butadiene	ug/L	20	20.6	103	70-130	
m&p-Xylene	ug/L	40	40.5	101	70-130	
Methyl-tert-butyl ether	ug/L	20	19.2	96	70-130	
Methylene Chloride	ug/L	20	19.4	97	70-130	
Naphthalene	ug/L	20	21.8	109	70-130	
o-Xylene	ug/L	20	19.8	99	70-130	
p-Isopropyltoluene	ug/L	20	20.9	104	70-130	
Styrene	ug/L	20	20.6	103	70-130	
Tetrachloroethene	ug/L	20	19.8	99	70-130	
Toluene	ug/L	20	19.5	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
Trichloroethene	ug/L	20	19.9	99	70-130	
Trichlorofluoromethane	ug/L	20	19.3	97	70-130	
Vinyl acetate	ug/L	40	41.0	102	70-130	
Vinyl chloride	ug/L	20	17.9	90	70-130	
Xylene (Total)	ug/L	60	60.3	100	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE SAMPLE: 3964657

Parameter	Units	92658356018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	22.5	112	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	22.8	114	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.1	110	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	22.8	114	70-135	
1,1-Dichloroethane	ug/L	ND	20	22.4	112	70-139	
1,1-Dichloroethene	ug/L	ND	20	24.1	120	70-154	
1,1-Dichloropropene	ug/L	ND	20	25.3	126	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	21.8	109	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	21.7	109	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	22.0	110	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	23.0	115	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	21.5	108	70-133	
1,2-Dichloroethane	ug/L	ND	20	22.0	110	70-137	
1,2-Dichloropropane	ug/L	ND	20	22.4	112	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	22.1	110	70-135	
1,3-Dichloropropane	ug/L	ND	20	22.0	110	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	21.7	109	70-133	
2,2-Dichloropropane	ug/L	ND	20	23.4	117	61-148	
2-Butanone (MEK)	ug/L	ND	40	44.0	110	60-139	
2-Chlorotoluene	ug/L	ND	20	21.8	109	70-144	
2-Hexanone	ug/L	ND	40	47.5	119	65-138	
4-Chlorotoluene	ug/L	ND	20	22.1	111	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	44.6	112	65-135	
Acetone	ug/L	ND	40	40.9	102	60-148	
Benzene	ug/L	ND	20	22.4	112	70-151	
Bromobenzene	ug/L	ND	20	21.2	106	70-136	
Bromochloromethane	ug/L	ND	20	22.3	111	70-141	
Bromodichloromethane	ug/L	ND	20	21.3	106	70-138	
Bromoform	ug/L	ND	20	20.7	104	63-130	
Bromomethane	ug/L	ND	20	15.2	76	15-152	v3
Carbon tetrachloride	ug/L	ND	20	23.4	117	70-143	
Chlorobenzene	ug/L	ND	20	22.1	111	70-138	
Chloroethane	ug/L	ND	20	21.6	108	52-163	
Chloroform	ug/L	ND	20	22.7	113	70-139	
Chloromethane	ug/L	ND	20	21.3	106	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	22.9	115	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	21.5	108	70-137	
Dibromochloromethane	ug/L	ND	20	21.4	107	70-134	
Dibromomethane	ug/L	ND	20	21.2	106	70-138	
Dichlorodifluoromethane	ug/L	ND	20	24.5	122	47-155	IH,v1
Diisopropyl ether	ug/L	ND	20	21.8	109	63-144	
Ethylbenzene	ug/L	ND	20	22.0	110	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.8	119	65-149	
m&p-Xylene	ug/L	ND	40	44.9	112	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	21.0	105	54-156	
Methylene Chloride	ug/L	ND	20	19.8	99	42-159	
Naphthalene	ug/L	ND	20	23.7	118	61-148	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE SAMPLE: 3964657

Parameter	Units	92658356018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	21.6	108	70-148	
p-Isopropyltoluene	ug/L	ND	20	23.0	115	70-146	
Styrene	ug/L	ND	20	22.6	113	70-135	
Tetrachloroethene	ug/L	ND	20	22.6	113	59-143	
Toluene	ug/L	ND	20	21.6	108	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	22.4	112	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	21.7	108	70-135	
Trichloroethene	ug/L	ND	20	22.0	110	70-147	
Trichlorofluoromethane	ug/L	ND	20	23.4	117	70-148	
Vinyl acetate	ug/L	ND	40	45.2	113	49-151	
Vinyl chloride	ug/L	ND	20	18.7	93	70-156	
Xylene (Total)	ug/L	ND	60	66.6	111	63-158	
1,2-Dichloroethane-d4 (S)	%				104	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 3964656

Parameter	Units	92658356017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

SAMPLE DUPLICATE: 3964656

Parameter	Units	92658356017 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	3.5	3.6	2	30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	IH,v1
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	0.45J		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	101	106			
4-Bromofluorobenzene (S)	%	99	98			
Toluene-d8 (S)	%	101	103			

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763626 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658356005, 92658356008, 92658356012

METHOD BLANK: 3965897 Matrix: Water
Associated Lab Samples: 92658356005, 92658356008, 92658356012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/25/23 02:21	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/25/23 02:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/25/23 02:21	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/25/23 02:21	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/25/23 02:21	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/25/23 02:21	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/25/23 02:21	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/25/23 02:21	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/25/23 02:21	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/25/23 02:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/25/23 02:21	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/23 02:21	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/25/23 02:21	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/25/23 02:21	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/23 02:21	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/25/23 02:21	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/25/23 02:21	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/25/23 02:21	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/25/23 02:21	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/23 02:21	
2-Hexanone	ug/L	ND	5.0	0.48	03/25/23 02:21	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/23 02:21	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/25/23 02:21	
Acetone	ug/L	ND	25.0	5.1	03/25/23 02:21	
Benzene	ug/L	ND	1.0	0.34	03/25/23 02:21	
Bromobenzene	ug/L	ND	1.0	0.29	03/25/23 02:21	
Bromochloromethane	ug/L	ND	1.0	0.47	03/25/23 02:21	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/25/23 02:21	
Bromoform	ug/L	ND	1.0	0.34	03/25/23 02:21	
Bromomethane	ug/L	ND	2.0	1.7	03/25/23 02:21	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/25/23 02:21	
Chlorobenzene	ug/L	ND	1.0	0.28	03/25/23 02:21	
Chloroethane	ug/L	ND	1.0	0.65	03/25/23 02:21	v1
Chloroform	ug/L	ND	1.0	0.43	03/25/23 02:21	
Chloromethane	ug/L	ND	1.0	0.54	03/25/23 02:21	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/25/23 02:21	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/23 02:21	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/25/23 02:21	
Dibromomethane	ug/L	ND	1.0	0.39	03/25/23 02:21	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/25/23 02:21	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

METHOD BLANK: 3965897 Matrix: Water
Associated Lab Samples: 92658356005, 92658356008, 92658356012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/25/23 02:21	
Ethylbenzene	ug/L	ND	1.0	0.30	03/25/23 02:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/25/23 02:21	
m&p-Xylene	ug/L	ND	2.0	0.71	03/25/23 02:21	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/25/23 02:21	
Methylene Chloride	ug/L	ND	5.0	2.0	03/25/23 02:21	
Naphthalene	ug/L	ND	1.0	0.64	03/25/23 02:21	
o-Xylene	ug/L	ND	1.0	0.34	03/25/23 02:21	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/25/23 02:21	
Styrene	ug/L	ND	1.0	0.29	03/25/23 02:21	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/25/23 02:21	
Toluene	ug/L	ND	1.0	0.48	03/25/23 02:21	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/25/23 02:21	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/23 02:21	
Trichloroethene	ug/L	ND	1.0	0.38	03/25/23 02:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/25/23 02:21	
Vinyl acetate	ug/L	ND	2.0	1.3	03/25/23 02:21	
Vinyl chloride	ug/L	ND	1.0	0.39	03/25/23 02:21	
Xylene (Total)	ug/L	ND	1.0	0.34	03/25/23 02:21	
1,2-Dichloroethane-d4 (S)	%	97	70-130		03/25/23 02:21	
4-Bromofluorobenzene (S)	%	95	70-130		03/25/23 02:21	
Toluene-d8 (S)	%	101	70-130		03/25/23 02:21	

LABORATORY CONTROL SAMPLE: 3965898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	18.1	91	70-130	
1,1,1-Trichloroethane	ug/L	20	17.5	87	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.2	96	70-130	
1,1,2-Trichloroethane	ug/L	20	17.7	89	70-130	
1,1-Dichloroethane	ug/L	20	17.8	89	70-130	
1,1-Dichloroethene	ug/L	20	18.3	92	70-130	
1,1-Dichloropropene	ug/L	20	19.0	95	70-130	
1,2,3-Trichlorobenzene	ug/L	20	18.6	93	70-130	
1,2,3-Trichloropropane	ug/L	20	19.4	97	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.4	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.9	84	70-130	
1,2-Dichlorobenzene	ug/L	20	19.5	98	70-130	
1,2-Dichloroethane	ug/L	20	18.4	92	70-130	
1,2-Dichloropropane	ug/L	20	18.6	93	70-130	
1,3-Dichlorobenzene	ug/L	20	19.2	96	70-130	
1,3-Dichloropropane	ug/L	20	18.6	93	70-130	
1,4-Dichlorobenzene	ug/L	20	19.3	96	70-130	
2,2-Dichloropropane	ug/L	20	15.9	79	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3965898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	36.3	91	70-130	
2-Chlorotoluene	ug/L	20	19.2	96	70-130	
2-Hexanone	ug/L	40	39.4	99	70-130	
4-Chlorotoluene	ug/L	20	19.4	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.2	93	70-130	
Acetone	ug/L	40	37.0	92	70-130	
Benzene	ug/L	20	18.8	94	70-130	
Bromobenzene	ug/L	20	19.0	95	70-130	
Bromochloromethane	ug/L	20	18.0	90	70-130	
Bromodichloromethane	ug/L	20	16.7	83	70-130	
Bromoform	ug/L	20	16.6	83	70-130	
Bromomethane	ug/L	20	22.3	111	70-130	
Carbon tetrachloride	ug/L	20	17.8	89	70-130	
Chlorobenzene	ug/L	20	18.8	94	70-130	
Chloroethane	ug/L	20	25.2	126	70-130	v1
Chloroform	ug/L	20	17.9	89	70-130	
Chloromethane	ug/L	20	20.3	101	70-130	
cis-1,2-Dichloroethene	ug/L	20	17.8	89	70-130	
cis-1,3-Dichloropropene	ug/L	20	17.0	85	70-130	
Dibromochloromethane	ug/L	20	17.2	86	70-130	
Dibromomethane	ug/L	20	17.5	87	70-130	
Dichlorodifluoromethane	ug/L	20	20.7	103	70-130	
Diisopropyl ether	ug/L	20	16.8	84	70-130	
Ethylbenzene	ug/L	20	18.8	94	70-130	
Hexachloro-1,3-butadiene	ug/L	20	18.6	93	70-130	
m&p-Xylene	ug/L	40	36.9	92	70-130	
Methyl-tert-butyl ether	ug/L	20	16.7	84	70-130	
Methylene Chloride	ug/L	20	21.2	106	70-130	
Naphthalene	ug/L	20	19.1	96	70-130	
o-Xylene	ug/L	20	18.0	90	70-130	
p-Isopropyltoluene	ug/L	20	19.6	98	70-130	
Styrene	ug/L	20	18.2	91	70-130	
Tetrachloroethene	ug/L	20	17.8	89	70-130	
Toluene	ug/L	20	17.8	89	70-130	
trans-1,2-Dichloroethene	ug/L	20	17.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	20	16.9	84	70-130	
Trichloroethene	ug/L	20	18.2	91	70-130	
Trichlorofluoromethane	ug/L	20	22.1	110	70-130	
Vinyl acetate	ug/L	40	35.1	88	70-130	
Vinyl chloride	ug/L	20	15.7	79	70-130	
Xylene (Total)	ug/L	60	54.9	92	70-130	
1,2-Dichloroethane-d4 (S)	%			105	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			97	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965899 3965900

Parameter	Units	92658276002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	26.7	22.0	134	110	73-134	19	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	29.3	24.5	146	123	82-143	18	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	25.9	20.9	129	104	70-136	21	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	25.7	21.0	129	105	70-135	20	30	
1,1-Dichloroethane	ug/L	ND	20	20	27.8	23.4	139	117	70-139	17	30	
1,1-Dichloroethene	ug/L	ND	20	20	31.3	26.5	156	132	70-154	17	30	M1
1,1-Dichloropropene	ug/L	ND	20	20	30.6	25.8	153	129	70-149	17	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	28.4	23.7	142	118	70-135	18	30	M1
1,2,3-Trichloropropane	ug/L	ND	20	20	24.1	20.2	121	101	71-137	18	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	29.3	23.8	146	119	73-140	21	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	19.6	115	98	65-134	16	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	26.5	21.8	133	109	70-133	20	30	
1,2-Dichloroethane	ug/L	ND	20	20	26.1	21.7	131	109	70-137	18	30	
1,2-Dichloropropane	ug/L	ND	20	20	26.4	22.5	132	113	70-140	16	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	26.9	22.5	135	112	70-135	18	30	
1,3-Dichloropropane	ug/L	ND	20	20	25.3	20.7	127	103	70-143	20	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	26.9	22.1	134	110	70-133	20	30	M1
2,2-Dichloropropane	ug/L	ND	20	20	30.5	25.3	152	126	61-148	19	30	M1
2-Butanone (MEK)	ug/L	ND	40	40	49.4	39.5	123	99	60-139	22	30	
2-Chlorotoluene	ug/L	ND	20	20	26.6	22.3	133	111	70-144	18	30	
2-Hexanone	ug/L	ND	40	40	51.7	42.3	129	106	65-138	20	30	
4-Chlorotoluene	ug/L	ND	20	20	26.1	22.1	130	111	70-137	16	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	50.6	41.2	126	103	65-135	20	30	
Acetone	ug/L	ND	40	40	43.8	37.1	109	93	60-148	16	30	
Benzene	ug/L	ND	20	20	27.3	23.0	136	115	70-151	17	30	
Bromobenzene	ug/L	ND	20	20	24.7	20.9	123	104	70-136	17	30	
Bromochloromethane	ug/L	ND	20	20	26.4	22.4	132	112	70-141	16	30	
Bromodichloromethane	ug/L	ND	20	20	25.3	21.2	127	106	70-138	18	30	
Bromoform	ug/L	ND	20	20	24.4	19.9	122	100	63-130	20	30	
Bromomethane	ug/L	ND	20	20	24.3	20.8	122	104	15-152	16	30	
Carbon tetrachloride	ug/L	ND	20	20	29.3	24.7	147	123	70-143	17	30	M1
Chlorobenzene	ug/L	ND	20	20	25.7	21.5	128	107	70-138	18	30	
Chloroethane	ug/L	ND	20	20	28.6	24.1	143	121	52-163	17	30	
Chloroform	ug/L	ND	20	20	26.5	23.2	132	116	70-139	13	30	
Chloromethane	ug/L	ND	20	20	31.8	27.3	159	136	41-139	16	30	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	27.8	23.6	139	118	70-141	17	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	25.8	21.8	129	109	70-137	17	30	
Dibromochloromethane	ug/L	ND	20	20	25.4	21.0	127	105	70-134	19	30	
Dibromomethane	ug/L	ND	20	20	25.0	20.5	125	102	70-138	20	30	
Dichlorodifluoromethane	ug/L	ND	20	20	42.4	35.4	212	177	47-155	18	30	M1,v1
Diisopropyl ether	ug/L	ND	20	20	25.4	21.2	127	106	63-144	18	30	
Ethylbenzene	ug/L	ND	20	20	25.8	22.0	129	110	66-153	16	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	34.0	28.4	170	142	65-149	18	30	M1
m&p-Xylene	ug/L	ND	40	40	52.3	43.9	131	110	69-152	17	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965899 3965900

Parameter	Units	92658276002 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	24.9	20.0	124	100	54-156	22	30	
Methylene Chloride	ug/L	ND	20	20	25.0	20.9	125	105	42-159	18	30	
Naphthalene	ug/L	ND	20	20	26.5	22.1	132	111	61-148	18	30	
o-Xylene	ug/L	ND	20	20	25.8	21.4	129	107	70-148	19	30	
p-Isopropyltoluene	ug/L	ND	20	20	30.8	25.8	154	129	70-146	18	30	M1
Styrene	ug/L	ND	20	20	25.5	21.4	128	107	70-135	18	30	
Tetrachloroethene	ug/L	ND	20	20	26.5	22.1	133	110	59-143	18	30	
Toluene	ug/L	ND	20	20	25.0	21.4	125	107	59-148	16	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	29.7	24.7	149	123	70-146	18	30	M1
trans-1,3-Dichloropropene	ug/L	ND	20	20	25.9	21.6	129	108	70-135	18	30	
Trichloroethene	ug/L	ND	20	20	27.5	23.5	137	117	70-147	16	30	
Trichlorofluoromethane	ug/L	ND	20	20	30.2	26.1	151	130	70-148	15	30	M1
Vinyl acetate	ug/L	ND	40	40	56.0	44.8	140	112	49-151	22	30	IK
Vinyl chloride	ug/L	ND	20	20	26.9	22.4	134	112	70-156	18	30	
Xylene (Total)	ug/L	ND	60	60	78.1	65.3	130	109	63-158	18	30	
1,2-Dichloroethane-d4 (S)	%						100	102	70-130			
4-Bromofluorobenzene (S)	%						102	102	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763826 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658356001, 92658356004, 92658356005, 92658356006, 92658356007, 92658356008, 92658356009, 92658356011, 92658356014, 92658356015, 92658356017, 92658356018, 92658356019, 92658356020

METHOD BLANK: 3966908 Matrix: Water

Associated Lab Samples: 92658356001, 92658356004, 92658356005, 92658356006, 92658356007, 92658356008, 92658356009, 92658356011, 92658356014, 92658356015, 92658356017, 92658356018, 92658356019, 92658356020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/26/23 14:31	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/26/23 14:31	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/26/23 14:31	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/26/23 14:31	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/26/23 14:31	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/26/23 14:31	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/26/23 14:31	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/26/23 14:31	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/26/23 14:31	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/26/23 14:31	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/26/23 14:31	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/26/23 14:31	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/26/23 14:31	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/26/23 14:31	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/26/23 14:31	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/26/23 14:31	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/26/23 14:31	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/26/23 14:31	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/26/23 14:31	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/26/23 14:31	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/26/23 14:31	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/26/23 14:31	
Acenaphthene	ug/L	ND	10.0	2.0	03/26/23 14:31	
Acenaphthylene	ug/L	ND	10.0	2.0	03/26/23 14:31	
Aniline	ug/L	ND	10.0	1.6	03/26/23 14:31	
Anthracene	ug/L	ND	10.0	2.3	03/26/23 14:31	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/26/23 14:31	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/26/23 14:31	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/26/23 14:31	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/26/23 14:31	
Benzoic Acid	ug/L	ND	50.0	22.0	03/26/23 14:31	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/26/23 14:31	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/26/23 14:31	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/26/23 14:31	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/26/23 14:31	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/26/23 14:31	

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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

METHOD BLANK: 3966908 Matrix: Water

Associated Lab Samples: 92658356001, 92658356004, 92658356005, 92658356006, 92658356007, 92658356008, 92658356009, 92658356011, 92658356014, 92658356015, 92658356017, 92658356018, 92658356019, 92658356020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	03/26/23 14:31	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/26/23 14:31	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/26/23 14:31	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/26/23 14:31	
Dibenzofuran	ug/L	ND	10.0	2.1	03/26/23 14:31	
Diethylphthalate	ug/L	ND	10.0	2.0	03/26/23 14:31	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/26/23 14:31	
Fluoranthene	ug/L	ND	10.0	2.2	03/26/23 14:31	
Fluorene	ug/L	ND	10.0	2.1	03/26/23 14:31	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/26/23 14:31	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/26/23 14:31	
Hexachloroethane	ug/L	ND	10.0	1.4	03/26/23 14:31	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/26/23 14:31	
Isophorone	ug/L	ND	10.0	1.7	03/26/23 14:31	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/26/23 14:31	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/26/23 14:31	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/26/23 14:31	
Nitrobenzene	ug/L	ND	10.0	1.9	03/26/23 14:31	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/26/23 14:31	
Phenanthrene	ug/L	ND	10.0	2.0	03/26/23 14:31	
Phenol	ug/L	ND	10.0	1.4	03/26/23 14:31	
Pyrene	ug/L	ND	10.0	2.2	03/26/23 14:31	
2,4,6-Tribromophenol (S)	%	100	10-164		03/26/23 14:31	
2-Fluorobiphenyl (S)	%	85	10-130		03/26/23 14:31	
2-Fluorophenol (S)	%	76	10-130		03/26/23 14:31	
Nitrobenzene-d5 (S)	%	98	10-138		03/26/23 14:31	
Phenol-d6 (S)	%	63	10-130		03/26/23 14:31	
Terphenyl-d14 (S)	%	120	19-191		03/26/23 14:31	

LABORATORY CONTROL SAMPLE: 3966909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	52.3	105	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	45.8	92	21-135	
2,4,5-Trichlorophenol	ug/L	50	55.3	111	38-147	
2,4,6-Trichlorophenol	ug/L	50	52.3	105	34-142	
2,4-Dichlorophenol	ug/L	50	52.3	105	36-136	
2,4-Dimethylphenol	ug/L	50	83.8	168	38-134	L1
2,4-Dinitrophenol	ug/L	250	284	114	10-169	
2,4-Dinitrotoluene	ug/L	50	60.3	121	44-154	
2,6-Dinitrotoluene	ug/L	50	59.9	120	44-156	
2-Chloronaphthalene	ug/L	50	51.3	103	25-130	
2-Chlorophenol	ug/L	50	48.9	98	29-130	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3966909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	51.1	102	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	50.3	101	31-130	
2-Nitroaniline	ug/L	100	116	116	39-145	
2-Nitrophenol	ug/L	50	53.9	108	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	49.6	99	30-130	
3,3'-Dichlorobenzidine	ug/L	100	111	111	44-158	
3-Nitroaniline	ug/L	100	120	120	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	39-158	
4-Bromophenylphenyl ether	ug/L	50	53.6	107	47-147	
4-Chloro-3-methylphenol	ug/L	100	112	112	40-138	
4-Chloroaniline	ug/L	100	102	102	35-130	
4-Chlorophenylphenyl ether	ug/L	50	53.7	107	36-139	
4-Nitroaniline	ug/L	100	123	123	46-157	
4-Nitrophenol	ug/L	250	202	81	17-130	
Acenaphthene	ug/L	50	53.1	106	34-135	
Acenaphthylene	ug/L	50	51.7	103	35-137	
Aniline	ug/L	50	23.2	46	25-130	
Anthracene	ug/L	50	50.7	101	47-146	
Benzo(a)anthracene	ug/L	50	57.5	115	48-160	
Benzo(b)fluoranthene	ug/L	50	60.3	121	49-171	
Benzo(g,h,i)perylene	ug/L	50	66.0	132	46-166	
Benzo(k)fluoranthene	ug/L	50	62.0	124	55-162	
Benzoic Acid	ug/L	250	189	76	10-130	
Benzyl alcohol	ug/L	100	108	108	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	55.0	110	33-136	
bis(2-Chloroethyl) ether	ug/L	50	52.3	105	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	57.8	116	46-173	
Butylbenzylphthalate	ug/L	50	58.1	116	53-169	
Chrysene	ug/L	50	57.9	116	54-152	
Di-n-butylphthalate	ug/L	50	57.7	115	49-161	
Di-n-octylphthalate	ug/L	50	60.9	122	50-166	
Dibenz(a,h)anthracene	ug/L	50	64.8	130	46-166	
Dibenzofuran	ug/L	50	52.9	106	37-136	
Diethylphthalate	ug/L	50	56.2	112	45-149	
Dimethylphthalate	ug/L	50	56.0	112	43-145	
Fluoranthene	ug/L	50	61.7	123	50-153	
Fluorene	ug/L	50	54.3	109	42-142	
Hexachlorobenzene	ug/L	50	53.8	108	44-138	
Hexachlorocyclopentadiene	ug/L	50	40.8	82	10-130	
Hexachloroethane	ug/L	50	26.0	52	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	66.9	134	46-166	
Isophorone	ug/L	50	56.9	114	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	55.8	112	33-140	
N-Nitrosodimethylamine	ug/L	50	50.7	101	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	55.1	110	46-144	
Nitrobenzene	ug/L	50	55.5	111	33-133	
Pentachlorophenol	ug/L	100	123	123	21-163	

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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3966909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	57.5	115	47-146	
Phenol	ug/L	50	34.4	69	19-130	
Pyrene	ug/L	50	54.4	109	53-155	
2,4,6-Tribromophenol (S)	%			120	10-164	
2-Fluorobiphenyl (S)	%			104	10-130	
2-Fluorophenol (S)	%			88	10-130	
Nitrobenzene-d5 (S)	%			116	10-138	
Phenol-d6 (S)	%			74	10-130	
Terphenyl-d14 (S)	%			118	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966910 3966911

Parameter	Units	92658356001 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	100	100	101	97.6	101	98	10-131	3	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	104	86.3	104	86	11-143	18	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	119	120	119	120	10-170	1	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	117	119	117	119	10-166	2	30	
2,4-Dichlorophenol	ug/L	ND	100	100	117	113	117	113	10-153	4	30	
2,4-Dimethylphenol	ug/L	ND	100	100	181	177	181	177	20-147	2	30	M0
2,4-Dinitrophenol	ug/L	ND	500	500	653	679	131	136	10-172	4	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	139	140	139	140	30-164	0	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	131	132	131	132	31-163	1	30	
2-Chloronaphthalene	ug/L	ND	100	100	105	106	105	106	15-134	1	30	
2-Chlorophenol	ug/L	ND	100	100	107	103	107	103	10-139	5	30	
2-Methylnaphthalene	ug/L	ND	100	100	99.3	91.8	99	92	12-130	8	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	113	111	113	111	19-132	2	30	
2-Nitroaniline	ug/L	ND	200	200	250	254	125	127	23-154	2	30	
2-Nitrophenol	ug/L	ND	100	100	116	115	116	115	10-159	1	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	108	106	108	106	13-136	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	213	225	107	112	10-178	5	30	
3-Nitroaniline	ug/L	ND	200	200	263	269	131	134	20-166	2	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	264	256	132	128	10-187	3	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	114	111	114	111	31-157	3	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	243	244	121	122	27-146	0	30	
4-Chloroaniline	ug/L	ND	200	200	222	221	111	110	13-143	1	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	116	116	116	116	23-149	0	30	
4-Nitroaniline	ug/L	ND	200	200	276	281	138	140	24-171	2	30	
4-Nitrophenol	ug/L	ND	500	500	397	447	79	89	10-130	12	30	
Acenaphthene	ug/L	ND	100	100	112	112	112	112	21-147	0	30	
Acenaphthylene	ug/L	ND	100	100	111	113	111	113	19-150	1	30	
Aniline	ug/L	ND	100	100	61.5	60.4	61	60	10-130	2	30	
Anthracene	ug/L	ND	100	100	111	109	111	109	36-152	2	30	
Benzo(a)anthracene	ug/L	ND	100	100	122	123	122	123	42-163	1	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966910 3966911

Parameter	Units	92658356001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(b)fluoranthene	ug/L	ND	100	100	128	125	128	125	40-177	2	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	120	118	120	118	38-174	2	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	124	126	124	126	41-171	1	30	
Benzoic Acid	ug/L	ND	500	500	394	434	79	87	10-130	10	30	
Benzyl alcohol	ug/L	ND	200	200	239	234	119	117	18-141	2	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	118	114	118	114	19-146	4	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	118	113	118	113	19-151	4	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	134	131	134	131	42-168	2	30	
Butylbenzylphthalate	ug/L	ND	100	100	134	131	134	131	42-177	2	30	
Chrysene	ug/L	ND	100	100	119	120	119	120	43-159	1	30	
Di-n-butylphthalate	ug/L	ND	100	100	137	130	137	130	42-160	5	30	
Di-n-octylphthalate	ug/L	ND	100	100	128	137	128	137	42-171	6	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	116	115	116	115	40-171	1	30	
Dibenzofuran	ug/L	ND	100	100	116	117	116	117	23-147	1	30	
Diethylphthalate	ug/L	ND	100	100	126	128	126	128	33-157	1	30	
Dimethylphthalate	ug/L	ND	100	100	123	125	123	125	27-154	2	30	
Fluoranthene	ug/L	ND	100	100	139	137	139	137	42-157	2	30	
Fluorene	ug/L	ND	100	100	121	119	121	119	25-155	1	30	
Hexachlorobenzene	ug/L	ND	100	100	113	114	113	114	32-145	1	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	71.3	64.9	71	65	10-130	9	30	
Hexachloroethane	ug/L	ND	100	100	70.3	12.8J	70	13	10-130		30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	118	116	118	116	39-174	2	30	
Isophorone	ug/L	ND	100	100	127	119	127	119	19-146	6	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	124	118	124	118	20-150	5	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	110	110	110	110	13-130	0	30	v1
N-Nitrosodiphenylamine	ug/L	ND	100	100	119	117	119	117	33-149	2	30	
Nitrobenzene	ug/L	ND	100	100	118	107	118	107	19-145	9	30	
Pentachlorophenol	ug/L	ND	200	200	273	269	137	135	10-188	1	30	
Phenanthrene	ug/L	ND	100	100	125	120	125	120	38-150	4	30	
Phenol	ug/L	ND	100	100	75.9	75.5	76	76	10-130	1	30	
Pyrene	ug/L	ND	100	100	120	112	120	112	42-163	7	30	
2,4,6-Tribromophenol (S)	%						110	99	10-164			
2-Fluorobiphenyl (S)	%						93	88	10-130			
2-Fluorophenol (S)	%						77	74	10-130			
Nitrobenzene-d5 (S)	%						106	95	10-138			
Phenol-d6 (S)	%						63	64	10-130			
Terphenyl-d14 (S)	%						104	98	19-191			

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763974
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658356012, 92658356013, 92658356016

METHOD BLANK: 3967323 Matrix: Water
Associated Lab Samples: 92658356012, 92658356013, 92658356016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/28/23 09:29	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/28/23 09:29	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/28/23 09:29	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/28/23 09:29	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/28/23 09:29	v1
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/28/23 09:29	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/28/23 09:29	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/28/23 09:29	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/28/23 09:29	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/28/23 09:29	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/28/23 09:29	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/28/23 09:29	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/28/23 09:29	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/28/23 09:29	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/28/23 09:29	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/28/23 09:29	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/28/23 09:29	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/28/23 09:29	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/28/23 09:29	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/28/23 09:29	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/28/23 09:29	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/28/23 09:29	
Acenaphthene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Acenaphthylene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Aniline	ug/L	ND	10.0	1.6	03/28/23 09:29	
Anthracene	ug/L	ND	10.0	2.3	03/28/23 09:29	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/28/23 09:29	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/28/23 09:29	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/28/23 09:29	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/28/23 09:29	
Benzoic Acid	ug/L	ND	50.0	22.0	03/28/23 09:29	v1
Benzyl alcohol	ug/L	ND	20.0	2.9	03/28/23 09:29	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/28/23 09:29	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/28/23 09:29	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/28/23 09:29	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/28/23 09:29	
Chrysene	ug/L	ND	10.0	2.8	03/28/23 09:29	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

METHOD BLANK: 3967323 Matrix: Water
Associated Lab Samples: 92658356012, 92658356013, 92658356016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/28/23 09:29	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/28/23 09:29	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/28/23 09:29	
Dibenzofuran	ug/L	ND	10.0	2.1	03/28/23 09:29	
Diethylphthalate	ug/L	ND	10.0	2.0	03/28/23 09:29	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/28/23 09:29	
Fluoranthene	ug/L	ND	10.0	2.2	03/28/23 09:29	
Fluorene	ug/L	ND	10.0	2.1	03/28/23 09:29	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/28/23 09:29	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/28/23 09:29	
Hexachloroethane	ug/L	ND	10.0	1.4	03/28/23 09:29	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/28/23 09:29	
Isophorone	ug/L	ND	10.0	1.7	03/28/23 09:29	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/28/23 09:29	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/28/23 09:29	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/28/23 09:29	
Nitrobenzene	ug/L	ND	10.0	1.9	03/28/23 09:29	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/28/23 09:29	
Phenanthrene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Phenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
Pyrene	ug/L	ND	10.0	2.2	03/28/23 09:29	
2,4,6-Tribromophenol (S)	%	73	10-164		03/28/23 09:29	
2-Fluorobiphenyl (S)	%	62	10-130		03/28/23 09:29	
2-Fluorophenol (S)	%	59	10-130		03/28/23 09:29	
Nitrobenzene-d5 (S)	%	75	10-138		03/28/23 09:29	
Phenol-d6 (S)	%	50	10-130		03/28/23 09:29	
Terphenyl-d14 (S)	%	82	19-191		03/28/23 09:29	

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.7	87	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	38.8	78	21-135	
2,4,5-Trichlorophenol	ug/L	50	44.4	89	38-147	
2,4,6-Trichlorophenol	ug/L	50	42.9	86	34-142	
2,4-Dichlorophenol	ug/L	50	42.0	84	36-136	
2,4-Dimethylphenol	ug/L	50	66.7	133	38-134	
2,4-Dinitrophenol	ug/L	250	247	99	10-169	v1
2,4-Dinitrotoluene	ug/L	50	46.9	94	44-154	
2,6-Dinitrotoluene	ug/L	50	45.2	90	44-156	
2-Chloronaphthalene	ug/L	50	38.1	76	25-130	
2-Chlorophenol	ug/L	50	40.5	81	29-130	
2-Methylnaphthalene	ug/L	50	41.1	82	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.6	83	31-130	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	84.4	84	39-145	
2-Nitrophenol	ug/L	50	44.6	89	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.0	82	30-130	
3,3'-Dichlorobenzidine	ug/L	100	83.2	83	44-158	
3-Nitroaniline	ug/L	100	89.4	89	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	85.9	86	39-158	
4-Bromophenylphenyl ether	ug/L	50	38.1	76	47-147	
4-Chloro-3-methylphenol	ug/L	100	90.8	91	40-138	
4-Chloroaniline	ug/L	100	78.9	79	35-130	
4-Chlorophenylphenyl ether	ug/L	50	40.8	82	36-139	
4-Nitroaniline	ug/L	100	94.7	95	46-157	
4-Nitrophenol	ug/L	250	155	62	17-130	
Acenaphthene	ug/L	50	40.7	81	34-135	
Acenaphthylene	ug/L	50	40.5	81	35-137	
Aniline	ug/L	50	30.7	61	25-130	
Anthracene	ug/L	50	37.1	74	47-146	
Benzo(a)anthracene	ug/L	50	41.0	82	48-160	
Benzo(b)fluoranthene	ug/L	50	39.9	80	49-171	
Benzo(g,h,i)perylene	ug/L	50	38.4	77	46-166	
Benzo(k)fluoranthene	ug/L	50	39.7	79	55-162	
Benzoic Acid	ug/L	250	165	66	10-130	v1
Benzyl alcohol	ug/L	100	84.6	85	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	42.1	84	33-136	
bis(2-Chloroethyl) ether	ug/L	50	40.8	82	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.5	83	46-173	
Butylbenzylphthalate	ug/L	50	42.7	85	53-169	
Chrysene	ug/L	50	38.8	78	54-152	
Di-n-butylphthalate	ug/L	50	43.2	86	49-161	
Di-n-octylphthalate	ug/L	50	44.7	89	50-166	
Dibenz(a,h)anthracene	ug/L	50	39.5	79	46-166	
Dibenzofuran	ug/L	50	39.6	79	37-136	
Diethylphthalate	ug/L	50	44.0	88	45-149	
Dimethylphthalate	ug/L	50	42.5	85	43-145	
Fluoranthene	ug/L	50	43.0	86	50-153	
Fluorene	ug/L	50	42.1	84	42-142	
Hexachlorobenzene	ug/L	50	37.8	76	44-138	
Hexachlorocyclopentadiene	ug/L	50	39.7	79	10-130	
Hexachloroethane	ug/L	50	39.2	78	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.3	79	46-166	
Isophorone	ug/L	50	45.4	91	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	45.2	90	33-140	
N-Nitrosodimethylamine	ug/L	50	41.0	82	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	39.2	78	46-144	
Nitrobenzene	ug/L	50	40.9	82	33-133	
Pentachlorophenol	ug/L	100	87.9	88	21-163	
Phenanthrene	ug/L	50	40.4	81	47-146	
Phenol	ug/L	50	31.8	64	19-130	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	39.3	79	53-155	
2,4,6-Tribromophenol (S)	%			92	10-164	
2-Fluorobiphenyl (S)	%			86	10-130	
2-Fluorophenol (S)	%			70	10-130	
Nitrobenzene-d5 (S)	%			92	10-138	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			89	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967325 3967326

Parameter	Units	92658638016 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	2.6J	90.9	90.9	80.9	91.4	86	98	10-131	12	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	90.9	90.9	76.3	81.6	84	90	11-143	7	30	
2,4,5-Trichlorophenol	ug/L	ND	90.9	90.9	90.8	93.2	100	103	10-170	3	30	
2,4,6-Trichlorophenol	ug/L	ND	90.9	90.9	88.0	88.7	97	98	10-166	1	30	
2,4-Dichlorophenol	ug/L	ND	90.9	90.9	83.8	87.9	92	97	10-153	5	30	
2,4-Dimethylphenol	ug/L	ND	90.9	90.9	142	139	156	153	20-147	2	30	M1
2,4-Dinitrophenol	ug/L	ND	455	455	561	578	123	127	10-172	3	30	v1
2,4-Dinitrotoluene	ug/L	ND	90.9	90.9	105	109	115	120	30-164	4	30	
2,6-Dinitrotoluene	ug/L	ND	90.9	90.9	96.0	102	106	112	31-163	6	30	
2-Chloronaphthalene	ug/L	ND	90.9	90.9	79.0	85.7	87	94	15-134	8	30	
2-Chlorophenol	ug/L	ND	90.9	90.9	80.2	82.3	88	90	10-139	3	30	
2-Methylnaphthalene	ug/L	ND	90.9	90.9	76.9	91.1	85	100	12-130	17	30	
2-Methylphenol(o-Cresol)	ug/L	ND	90.9	90.9	88.9	86.1	98	95	19-132	3	30	
2-Nitroaniline	ug/L	ND	182	182	184	188	101	103	23-154	2	30	
2-Nitrophenol	ug/L	ND	90.9	90.9	87.7	91.2	96	100	10-159	4	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	90.9	90.9	88.3	85.5	97	94	13-136	3	30	
3,3'-Dichlorobenzidine	ug/L	ND	182	182	179	188	99	103	10-178	5	30	
3-Nitroaniline	ug/L	ND	182	182	197	203	108	112	20-166	3	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	182	182	196	204	108	112	10-187	4	30	
4-Bromophenylphenyl ether	ug/L	ND	90.9	90.9	81.3	83.0	89	91	31-157	2	30	
4-Chloro-3-methylphenol	ug/L	ND	182	182	192	193	106	106	27-146	0	30	
4-Chloroaniline	ug/L	ND	182	182	162	173	89	95	13-143	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	90.9	90.9	86.1	88.6	95	97	23-149	3	30	
4-Nitroaniline	ug/L	ND	182	182	207	216	114	119	24-171	4	30	
4-Nitrophenol	ug/L	ND	455	455	328	351	72	77	10-130	7	30	
Acenaphthene	ug/L	ND	90.9	90.9	83.4	88.8	90	96	21-147	6	30	
Acenaphthylene	ug/L	ND	90.9	90.9	83.2	88.3	91	97	19-150	6	30	
Aniline	ug/L	ND	90.9	90.9	50.5	57.7	56	64	10-130	13	30	
Anthracene	ug/L	ND	90.9	90.9	76.0	79.4	84	87	36-152	4	30	
Benzo(a)anthracene	ug/L	ND	90.9	90.9	93.0	97.5	102	107	42-163	5	30	
Benzo(b)fluoranthene	ug/L	ND	90.9	90.9	89.7	95.0	99	105	40-177	6	30	
Benzo(g,h,i)perylene	ug/L	ND	90.9	90.9	88.4	94.0	97	103	38-174	6	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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967325 3967326

Parameter	Units	92658638016 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	90.9	90.9	87.7	92.6	96	102	41-171	6	30	
Benzoic Acid	ug/L	ND	455	455	340	359	75	79	10-130	5	30	v1
Benzyl alcohol	ug/L	ND	182	182	179	187	98	103	18-141	4	30	
bis(2-Chloroethoxy)methane	ug/L	ND	90.9	90.9	89.1	91.0	98	100	19-146	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	90.9	90.9	89.4	89.3	98	98	19-151	0	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	90.9	90.9	96.3	102	106	112	42-168	6	30	
Butylbenzylphthalate	ug/L	ND	90.9	90.9	97.8	104	108	115	42-177	6	30	
Chrysene	ug/L	ND	90.9	90.9	86.3	91.9	95	101	43-159	6	30	
Di-n-butylphthalate	ug/L	ND	90.9	90.9	95.1	98.2	105	108	42-160	3	30	
Di-n-octylphthalate	ug/L	ND	90.9	90.9	103	109	113	120	42-171	6	30	
Dibenz(a,h)anthracene	ug/L	ND	90.9	90.9	88.4	91.2	97	100	40-171	3	30	
Dibenzofuran	ug/L	ND	90.9	90.9	85.0	88.7	94	98	23-147	4	30	
Diethylphthalate	ug/L	ND	90.9	90.9	96.7	99.8	106	110	33-157	3	30	
Dimethylphthalate	ug/L	ND	90.9	90.9	92.9	95.2	102	105	27-154	2	30	
Fluoranthene	ug/L	ND	90.9	90.9	95.0	98.0	104	108	42-157	3	30	
Fluorene	ug/L	ND	90.9	90.9	88.6	91.6	97	101	25-155	3	30	
Hexachlorobenzene	ug/L	ND	90.9	90.9	79.7	81.2	88	89	32-145	2	30	
Hexachlorocyclopentadiene	ug/L	ND	90.9	90.9	61.4	76.7	68	84	10-130	22	30	
Hexachloroethane	ug/L	ND	90.9	90.9	54.3	67.7	60	75	10-130	22	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	90.9	90.9	89.7	94.2	99	104	39-174	5	30	
Isophorone	ug/L	ND	90.9	90.9	92.4	95.1	102	105	19-146	3	30	
N-Nitroso-di-n-propylamine	ug/L	ND	90.9	90.9	94.0	96.9	103	107	20-150	3	30	
N-Nitrosodimethylamine	ug/L	ND	90.9	90.9	82.1	85.4	90	94	13-130	4	30	v1
N-Nitrosodiphenylamine	ug/L	ND	90.9	90.9	82.6	83.4	91	92	33-149	1	30	
Nitrobenzene	ug/L	ND	90.9	90.9	86.0	89.2	95	98	19-145	4	30	
Pentachlorophenol	ug/L	ND	182	182	203	211	112	116	10-188	4	30	
Phenanthrene	ug/L	ND	90.9	90.9	84.6	88.6	93	97	38-150	5	30	
Phenol	ug/L	ND	90.9	90.9	63.3	61.8	70	68	10-130	2	30	
Pyrene	ug/L	ND	90.9	90.9	88.1	92.0	97	101	42-163	4	30	
2,4,6-Tribromophenol (S)	%						95	83	10-164			
2-Fluorobiphenyl (S)	%						81	74	10-130			
2-Fluorophenol (S)	%						68	62	10-130			
Nitrobenzene-d5 (S)	%						90	81	10-138			
Phenol-d6 (S)	%						62	53	10-130			
Terphenyl-d14 (S)	%						93	86	19-191			

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763532
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: 92658356001, 92658356004, 92658356005, 92658356006, 92658356007, 92658356008, 92658356009, 92658356011, 92658356012, 92658356013, 92658356014, 92658356015, 92658356016, 92658356017, 92658356018, 92658356019, 92658356020

METHOD BLANK: 3965402 Matrix: Water
Associated Lab Samples: 92658356001, 92658356004, 92658356005, 92658356006, 92658356007, 92658356008, 92658356009, 92658356011, 92658356012, 92658356013, 92658356014, 92658356015, 92658356016, 92658356017, 92658356018, 92658356019, 92658356020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/24/23 18:01	
2-Fluorobiphenyl (S)	%	120	61-194		03/24/23 18:01	
Nitrobenzene-d5 (S)	%	104	69-194		03/24/23 18:01	
Terphenyl-d14 (S)	%	121	69-180		03/24/23 18:01	

LABORATORY CONTROL SAMPLE: 3965403

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	3.3	131	70-130	L1
2-Fluorobiphenyl (S)	%			110	61-194	
Nitrobenzene-d5 (S)	%			102	69-194	
Terphenyl-d14 (S)	%			113	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965404 3965405

Parameter	Units	92658356001 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	2.4	2.4	2.9	2.9	122	118	11-178	2	30	
2-Fluorobiphenyl (S)	%						117	112	61-194			
Nitrobenzene-d5 (S)	%						104	101	69-194			
Terphenyl-d14 (S)	%						109	105	69-180			

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 764227
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3968452 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/28/23 14:53	

LABORATORY CONTROL SAMPLE: 3968453

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.4	99	80-120	

LABORATORY CONTROL SAMPLE: 3968454

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968455 3968456

Parameter	Units	92658676001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	43.3	50	50	93.7	93.4	101	100	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968457 3968458

Parameter	Units	92658676002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	62.2	50	50	116	118	108	112	80-120	2	25	

Results presented on this page are in 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 MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763799
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: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3966865 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	03/25/23 02:00	

LABORATORY CONTROL SAMPLE: 3966866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966867 3966868

Parameter	Units	92658401001 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	0.53	101	105	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966869 3966870

Parameter	Units	92658401003 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	0.54	0.53	102	100	80-120	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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763179
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: 92658356012, 92658356013, 92658356014

METHOD BLANK: 3963599 Matrix: Water
Associated Lab Samples: 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/23/23 14:20	

LABORATORY CONTROL SAMPLE: 3963600

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	51.9	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3963601 3963602

Parameter	Units	92658356012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	ND	50	50	52.3	52.2	104	104	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3963603 3963604

Parameter	Units	92658347007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	1.7	50	50	50.0	50.7	97	98	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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763189
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3963642 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	03/24/23 11:40	

LABORATORY CONTROL SAMPLE: 3963643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3963644 3963645

Parameter	Units	92657744001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.2	5.2	103	103	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3963646 3963647

Parameter	Units	92657787001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	461	5	5	471	471	197	192	90-110	0	10	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 764110
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3968108 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	03/27/23 20:48	

LABORATORY CONTROL SAMPLE: 3968109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968110 3968111

Parameter	Units	92657418001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.13	2.5	2.5	2.4	2.4	91	91	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968112 3968113

Parameter	Units	92658356004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	6.8	2.5	2.5	9.3	9.3	98	98	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

QC Batch: 763991
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

METHOD BLANK: 3967412 Matrix: Water
Associated Lab Samples: 92658356004, 92658356012, 92658356013, 92658356014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	03/27/23 13:19	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/27/23 13:19	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/27/23 13:19	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/27/23 13:19	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/27/23 13:19	

LABORATORY CONTROL SAMPLE: 3967413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.4	94	75-125	
Total Organic Carbon	mg/L	25	23.5	94	75-125	
Total Organic Carbon	mg/L	25	23.6	95	75-125	
Total Organic Carbon	mg/L	25	23.2	93	75-125	
Total Organic Carbon	mg/L	25	23.5	94	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967414 3967415

Parameter	Units	92658168003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	15.6	25	25	38.7	38.3	92	91	75-125	1	25	
Total Organic Carbon	mg/L	15.8	25	25	38.6	38.0	91	89	75-125	2	25	
Total Organic Carbon	mg/L	15.2	25	25	38.0	38.0	91	91	75-125	0	25	
Total Organic Carbon	mg/L	15.8	25	25	39.2	39.0	94	93	75-125	1	25	
Total Organic Carbon	mg/L	15.5	25	25	38.9	38.3	93	91	75-125	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967416 3967417

Parameter	Units	92658356012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	6.1	25	25	30.1	30.6	96	98	75-125	2	25	
Total Organic Carbon	mg/L	6.0	25	25	29.8	30.0	95	96	75-125	0	25	
Total Organic Carbon	mg/L	6.0	25	25	29.9	30.3	96	97	75-125	1	25	
Total Organic Carbon	mg/L	6.3	25	25	30.5	31.2	97	100	75-125	2	25	
Total Organic Carbon	mg/L	6.1	25	25	30.2	31.0	96	99	75-125	3	25	

Results presented on this page are in 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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
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.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
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: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658356004	**MW-15-20230321**	RSK 175 Modified	763989		
92658356012	**MW-29TZ-20230321**	RSK 175 Modified	763989		
92658356013	**MW-29BR-20230321**	RSK 175 Modified	763989		
92658356014	**MW-29S-20230321**	RSK 175 Modified	764274		
92658356004	**MW-15-20230321**	EPA 3010A	763151	EPA 6010D	763538
92658356012	**MW-29TZ-20230321**	EPA 3010A	763151	EPA 6010D	763538
92658356013	**MW-29BR-20230321**	EPA 3010A	763151	EPA 6010D	763538
92658356014	**MW-29S-20230321**	EPA 3010A	763151	EPA 6010D	763538
92658356004	**MW-15-20230321**	EPA 3010A	763706	EPA 6010D	763783
92658356012	**MW-29TZ-20230321**	EPA 3010A	763706	EPA 6010D	763783
92658356013	**MW-29BR-20230321**	EPA 3010A	763706	EPA 6010D	763783
92658356014	**MW-29S-20230321**	EPA 3010A	763706	EPA 6010D	763783
92658356001	**MW-42TZ-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356004	**MW-15-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356005	**MW-36S-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356006	**MW-42BR-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356007	**MW-36TZ-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356008	**DUP-01-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356009	**EB-02-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356011	**MW-34BR-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356012	**MW-29TZ-20230321**	EPA 3510C	763974	EPA 8270E	764214
92658356013	**MW-29BR-20230321**	EPA 3510C	763974	EPA 8270E	764214
92658356014	**MW-29S-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356015	**MW-2TZ-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356016	**MW-2BR-20230321**	EPA 3510C	763974	EPA 8270E	764214
92658356017	**MW-34TZ-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356018	**MW-34S-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356019	**MW-36BR-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356020	**MW-42S-20230321**	EPA 3510C	763826	EPA 8270E	763876
92658356001	**MW-42TZ-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356004	**MW-15-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356005	**MW-36S-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356006	**MW-42BR-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356007	**MW-36TZ-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356008	**DUP-01-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356009	**EB-02-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356011	**MW-34BR-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356012	**MW-29TZ-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356013	**MW-29BR-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356014	**MW-29S-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356015	**MW-2TZ-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356016	**MW-2BR-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356017	**MW-34TZ-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356018	**MW-34S-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658356019	**MW-36BR-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356020	**MW-42S-20230321**	EPA 3511	763532	EPA 8270E by SIM	763919
92658356001	**MW-42TZ-20230321**	EPA 8260D	763371		
92658356004	**MW-15-20230321**	EPA 8260D	763371		
92658356005	**MW-36S-20230321**	EPA 8260D	763626		
92658356006	**MW-42BR-20230321**	EPA 8260D	763371		
92658356007	**MW-36TZ-20230321**	EPA 8260D	763371		
92658356008	**DUP-01-20230321**	EPA 8260D	763626		
92658356009	**EB-02-20230321**	EPA 8260D	763371		
92658356010	**TB-03-20230321**	EPA 8260D	763371		
92658356011	**MW-34BR-20230321**	EPA 8260D	763371		
92658356012	**MW-29TZ-20230321**	EPA 8260D	763626		
92658356013	**MW-29BR-20230321**	EPA 8260D	763372		
92658356014	**MW-29S-20230321**	EPA 8260D	763372		
92658356015	**MW-2TZ-20230321**	EPA 8260D	763372		
92658356016	**MW-2BR-20230321**	EPA 8260D	763372		
92658356017	**MW-34TZ-20230321**	EPA 8260D	763372		
92658356018	**MW-34S-20230321**	EPA 8260D	763372		
92658356019	**MW-36BR-20230321**	EPA 8260D	763372		
92658356020	**MW-42S-20230321**	EPA 8260D	763372		
92658356021	**TB-04-20230321**	EPA 8260D	763372		
92658356004	**MW-15-20230321**	SM 2320B-2011	764227		
92658356012	**MW-29TZ-20230321**	SM 2320B-2011	764227		
92658356013	**MW-29BR-20230321**	SM 2320B-2011	764227		
92658356014	**MW-29S-20230321**	SM 2320B-2011	764227		
92658356004	**MW-15-20230321**	SM 4500-S2D-2011	763799		
92658356012	**MW-29TZ-20230321**	SM 4500-S2D-2011	763799		
92658356013	**MW-29BR-20230321**	SM 4500-S2D-2011	763799		
92658356014	**MW-29S-20230321**	SM 4500-S2D-2011	763799		
92658356012	**MW-29TZ-20230321**	EPA 300.0 Rev 2.1 1993	763179		
92658356013	**MW-29BR-20230321**	EPA 300.0 Rev 2.1 1993	763179		
92658356014	**MW-29S-20230321**	EPA 300.0 Rev 2.1 1993	763179		
92658356004	**MW-15-20230321**	EPA 350.1 Rev 2.0 1993	763189		
92658356012	**MW-29TZ-20230321**	EPA 350.1 Rev 2.0 1993	763189		
92658356013	**MW-29BR-20230321**	EPA 350.1 Rev 2.0 1993	763189		
92658356014	**MW-29S-20230321**	EPA 350.1 Rev 2.0 1993	763189		
92658356004	**MW-15-20230321**	EPA 353.2 Rev 2.0 1993	764110		
92658356012	**MW-29TZ-20230321**	EPA 353.2 Rev 2.0 1993	764110		
92658356013	**MW-29BR-20230321**	EPA 353.2 Rev 2.0 1993	764110		
92658356014	**MW-29S-20230321**	EPA 353.2 Rev 2.0 1993	764110		
92658356004	**MW-15-20230321**	EPA 9060A	763991		
92658356012	**MW-29TZ-20230321**	EPA 9060A	763991		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bramlette MGPFR7559C J23030238
Pace Project No.: 92658356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658356013	**MW-29BR-20230321**	EPA 9060A	763991		
92658356014	**MW-29S-20230321**	EPA 9060A	763991		
92658356004	**MW-15-20230321**	SM 4500-CO2 D-2011	764630		
92658356012	**MW-29TZ-20230321**	SM 4500-CO2 D-2011	764630		
92658356013	**MW-29BR-20230321**	SM 4500-CO2 D-2011	764630		
92658356014	**MW-29S-20230321**	SM 4500-CO2 D-2011	764630		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

WO#: 92658356

92658356

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 10 day Standard	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: ____

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

Container Preservative Type: SVOCs (8270): U; Nitrate+Nitrite, Ammonia: 2; Sulfide: 4&5; Total Fe and Mn: 1; Dissolved Gases RSK175: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAH (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175
MW-42TZ-20230321	GW	Grab	3/21/2023	14:10	—	—		8	G		X								
MS-01-20230321	GW	Grab	3/21/2023	14:10	—	—		8	G		X								
MSD-01-20230321	GW	Grab	3/21/2023	14:10	—	—		8	G		X								
MW-15-20230321	GW	Grab	3/21/2023	16:00	—	—		20	G&P		X		X		X		X		X
MW-36S-20230321	GW	Grab	3/21/2023	10:30	—	—		8	G		X								
MW-42BR-20230321	GW	Grab	3/21/2023	14:15	—	—		8	G		X								
MW-36TZ-20230321	GW	Grab	3/21/2023	11:55	—	—		8	G		X								
DUP-01-20230321	GW	Grab	3/21/2023	12:05	—	—		8	G		X								
EB-02-20230321	~~GW~~ OT	Grab	3/21/2023	16:30	—	—		8	G		X								
TB-03-20230321	OT	G						2	G										

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / Geosyntec	3-21-23, 1700	Chelsea Gift / PAS-GM	3-21-23 1700
Chelsea Gift / Pace-GM		[signature]	3/22/1600

LAB Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 93T083

Cooler 1 Temp Upon Receipt: __ oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: __ oC

Comments: 3.6

Page: __ of: __

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO#: 92658356
PM: LJP Due Date: 03/30/23
CLIENT: 92-Duke Ener

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 10 day Standard	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: ____

Container Preservative Type **: U, 2, 4&5, 1, U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

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

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	[redacted]	SVOCs (8270)	[redacted]	Nitrate+Nitrite, Ammonia	[redacted]	Sulfide	[redacted]	Total Fe and Mn	[redacted]	Dissolved Gases RSK175
MW-34BR-20230321	GW	Grab	3/21/2023	10:12	—	—		8	G		X								
MW-29TZ-20230321	GW	Grab	3/21/2023	11:50	—	—		20	G&P		X		X		X		X		X
MW-2TZ-20230321	GW	Grab	3/21/2023	15:00	—	—		8	G		X								
MW-2BR-20230321	GW	Grab	3/21/2023	15:47	—	—		8	G		X								
MW-29BR-20230321	GW	Grab	3/21/2023	15:00	—	—		20	G&P		X		X		X		X		X
MW-34TZ-20230321	GW	Grab	3/21/2023	11:50	—	—		8	G		X								
MW-34S-20230321	GW	Grab	3/21/2023	10:20	—	—		8	G		X								
MW-29S-20230321	GW	Grab	3/21/2023	13:14	—	—		20	G&P		X		X		X		X		X
MW-36BR-20230321	GW	Grab	3/21/2023	10:41	—	—		8	G		X								
MW-42S-20230321	GW	Grab	3/21/2023	11:53	—	—		8	G		X								

Customer Remarks / Special Conditions / Possible Hazards:

[redacted]

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature], Geosyntec	3-21-23, 1710	[signature] / Pace-EVV	3-21-23 1710
[signature] / Pace-EVV		[signature]	3/22 1600

[redacted]

Page: ____ of: ____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgement and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

DARK OUTLINED AREAS are for LAB USE ONLY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville; Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 10 day Standard	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: ______

Container Preservative Type **: U | 2 | 4&5 | 1 | U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

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

Analyses:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
TB-04-20230321	OT	G						2	G	X										

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / Geosyntec	3.21.23/1710	[signature] / Pace-GN	3-21-23 1710
[signature] / Pace-GN	/		

LAB Sample Temperature Info:

Therm ID: 93662

43.36

Page: ____ of: ____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (Water) DOC, LLHg

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

***Check all unpreserved Nitrates for chlorine

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH <2) (Cl-)	BP3N-250 mL plastic HNO3 (pH <2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-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)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	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		2			2	2	1										3		3							2		
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		2			2	2	1										3		3							2		
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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
***Check all unpreserved Nitrates for chlorine

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH <2) (Cl-)	BP3N-250 mL plastic HNO3 (pH <2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-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)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	VG9V-40 mL VOA H3PO4 (N/A)	BP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gaskit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3B-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3										2		3
2		2			2✓	2✓	1✓										3		3							2		
3																3										2		3
4																3										2		3
5		2			2✓	2✓	1✓										3		3							2		
6																3										2		3
7																3										2		3
8																2												
9																2												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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

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

April 27, 2023

Andrew Brey
Geosyntec
12802 Tampa Oaks Blvd
Suite 151
Tampa, FL 33637

RE: Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Dear Andrew Brey:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Program Manager, Duke Energy
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
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 Laboratory ID: 99030
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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92658638001	**MW-9R-20230322**	Water	03/22/23 11:28	03/23/23 16:10
92658638002	**DUP-02-20230322**	Water	03/22/23 11:10	03/23/23 16:10
92658638003	**MW-37S-20230322**	Water	03/22/23 15:45	03/23/23 16:10
92658638004	**MW-16-20230322**	Water	03/22/23 15:38	03/23/23 16:10
92658638005	**MW-13R-20230322**	Water	03/22/23 15:25	03/23/23 16:10
92658638006	**MW-37TZ-20230322**	Water	03/22/23 14:50	03/23/23 16:10
92658638007	**MW-18-20230322**	Water	03/22/23 11:50	03/23/23 16:10
92658638008	**MW-41S-20230322**	Water	03/22/23 09:40	03/23/23 16:10
92658638009	**MW-26-20230322**	Water	03/22/23 15:45	03/23/23 16:10
92658638010	**EB-03-20230322**	Water	03/22/23 16:35	03/23/23 16:10
92658638011	**MW-25R-20230322**	Water	03/22/23 09:13	03/23/23 16:10
92658638012	**MW-44TZ-20230322**	Water	03/22/23 11:19	03/23/23 16:10
92658638013	**MW-44BR-20230322**	Water	03/22/23 12:35	03/23/23 16:10
92658638014	**MW-28-20230322**	Water	03/22/23 11:16	03/23/23 16:10
92658638015	**MW-41TZ-20230322**	Water	03/22/23 09:35	03/23/23 16:10
92658638016	**MW-7R-20230322-MS/MSD**	Water	03/22/23 13:45	03/23/23 16:10
92658638017	**MW-37BR-20230322**	Water	03/22/23 14:08	03/23/23 16:10
92658638018	**MW-41BR-20230322**	Water	03/22/23 09:40	03/23/23 16:10
92658638019	**TB-05-20230322**	Water	03/22/23 00:00	03/23/23 16:10
92658638020	**TB-06-20230322**	Water	03/22/23 00:00	03/23/23 16:10

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658638001	**MW-9R-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658638002	**DUP-02-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658638003	**MW-37S-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658638004	**MW-16-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658638005	**MW-13R-20230322**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92658638006	**MW-37TZ-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658638007	**MW-18-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
92658638008	**MW-41S-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
92658638009	**MW-26-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C

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

SAMPLE ANALYTE COUNT

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658638010	**EB-03-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
92658638011	**MW-25R-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658638012	**MW-44TZ-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
92658638013	**MW-44BR-20230322**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92658638014	**MW-28-20230322**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92658638015	**MW-41TZ-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C

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

SAMPLE ANALYTE COUNT

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260D	TMH	62	PASI-C
92658638016	**MW-7R-20230322-MS/MSD**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658638017	**MW-37BR-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
92658638018	**MW-41BR-20230322**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	TMH	62	PASI-C
92658638019	**TB-05-20230322**	EPA 8260D	TMH	62	PASI-C
92658638020	**TB-06-20230322**	EPA 8260D	TMH	62	PASI-C

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

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

SUMMARY OF DETECTION

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658638001	**MW-9R-20230322**					
EPA 8260D	Chloroform	0.72J	ug/L	1.0	03/27/23 04:18	
EPA 8260D	Methyl-tert-butyl ether	0.51J	ug/L	1.0	03/27/23 04:18	
92658638002	**DUP-02-20230322**					
EPA 8260D	Chloroform	0.60J	ug/L	1.0	03/29/23 14:20	
EPA 8260D	Methyl-tert-butyl ether	0.51J	ug/L	1.0	03/29/23 14:20	
92658638003	**MW-37S-20230322**					
EPA 8270E	1-Methylnaphthalene	13.9	ug/L	8.3	03/28/23 20:19	
EPA 8270E	2-Methylnaphthalene	28.3	ug/L	8.3	03/28/23 20:19	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	2.6J	ug/L	8.3	03/28/23 20:19	
EPA 8260D	Methyl-tert-butyl ether	0.46J	ug/L	1.0	03/27/23 04:36	
92658638005	**MW-13R-20230322**					
RSK 175 Modified	Methane	6.1J	ug/L	10.0	03/27/23 14:57	
EPA 6010D	Manganese	280	ug/L	5.0	03/26/23 21:16	
EPA 6010D	Manganese, Dissolved	281	ug/L	5.0	03/27/23 16:47	
EPA 300.0 Rev 2.1 1993	Sulfate	30.6	mg/L	1.0	03/24/23 20:57	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	1.4	mg/L	0.040	03/28/23 14:52	
EPA 9060A	Total Organic Carbon	1.0	mg/L	1.0	03/28/23 10:30	
EPA 9060A	Total Organic Carbon	1.0	mg/L	1.0	03/28/23 10:30	
EPA 9060A	Total Organic Carbon	1.0J	mg/L	1.0	03/28/23 10:30	
EPA 9060A	Total Organic Carbon	1.0	mg/L	1.0	03/28/23 10:30	
EPA 9060A	Mean Total Organic Carbon	1.0	mg/L	1.0	03/28/23 10:30	
SM 4500-CO2 D-2011	Carbon dioxide	33.0	mg/L	5.0	03/28/23 19:46	N2
92658638006	**MW-37TZ-20230322**					
EPA 8260D	Methyl-tert-butyl ether	1.5	ug/L	1.0	03/27/23 05:13	
92658638007	**MW-18-20230322**					
EPA 8260D	Benzene	0.36J	ug/L	1.0	03/26/23 20:04	
92658638013	**MW-44BR-20230322**					
RSK 175 Modified	Methane	102	ug/L	10.0	03/27/23 15:13	
EPA 6010D	Iron	43.8J	ug/L	50.0	03/26/23 21:19	
EPA 6010D	Manganese	3.8J	ug/L	5.0	03/26/23 21:19	
SM 2320B-2011	Alkalinity, Total as CaCO3	97.5	mg/L	5.0	03/28/23 19:30	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.037J	mg/L	0.040	03/29/23 13:21	
EPA 9060A	Total Organic Carbon	1.1	mg/L	1.0	03/28/23 10:47	
EPA 9060A	Total Organic Carbon	0.87J	mg/L	1.0	03/28/23 10:47	
EPA 9060A	Total Organic Carbon	0.83J	mg/L	1.0	03/28/23 10:47	
EPA 9060A	Total Organic Carbon	0.80J	mg/L	1.0	03/28/23 10:47	
EPA 9060A	Mean Total Organic Carbon	0.91J	mg/L	1.0	03/28/23 10:47	
SM 4500-CO2 D-2011	Carbon dioxide	62.9	mg/L	5.0	03/28/23 19:46	N2
92658638014	**MW-28-20230322**					
RSK 175 Modified	Methane	10.8	ug/L	10.0	03/28/23 16:16	B
EPA 6010D	Iron	188	ug/L	50.0	03/26/23 21:23	
EPA 6010D	Manganese	139	ug/L	5.0	03/26/23 21:23	
EPA 6010D	Iron, Dissolved	385	ug/L	50.0	03/27/23 16:54	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658638014	**MW-28-20230322**					
EPA 6010D	Manganese, Dissolved	150	ug/L	5.0	03/27/23 16:54	
EPA 8260D	Methyl-tert-butyl ether	0.50J	ug/L	1.0	03/27/23 06:07	
SM 2320B-2011	Alkalinity, Total as CaCO3	38.4	mg/L	5.0	03/28/23 19:40	
EPA 300.0 Rev 2.1 1993	Sulfate	23.0	mg/L	1.0	03/25/23 02:39	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.20	mg/L	0.040	03/29/23 13:22	
SM 4500-CO2 D-2011	Carbon dioxide	65.8	mg/L	5.0	03/28/23 19:46	N2
92658638016	**MW-7R-20230322-MS/MSD**					
EPA 8270E	1-Methylnaphthalene	2.6J	ug/L	9.1	03/28/23 10:46	
EPA 8260D	Benzene	6.7	ug/L	1.0	03/27/23 06:25	
EPA 8260D	Methyl-tert-butyl ether	0.60J	ug/L	1.0	03/27/23 06:25	
EPA 8260D	Naphthalene	14.6	ug/L	1.0	03/27/23 06:25	
EPA 8260D	Xylene (Total)	0.76J	ug/L	1.0	03/27/23 06:25	
EPA 8260D	m&p-Xylene	0.76J	ug/L	2.0	03/27/23 06:25	

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: April 27, 2023

General Information:
3 samples were analyzed for RSK 175 Modified 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.

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.

QC Batch: 764274

B: Analyte was detected in the associated method blank.

- BLANK for HBN 764274 [GCV/1907 (Lab ID: 3968717)
  - Methane

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: 763989

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658356012

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

- MS (Lab ID: 3967373)
  - Methane

QC Batch: 764274

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966006

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

- MS (Lab ID: 3968720)
  - Methane

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

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: April 27, 2023

Additional Comments:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: April 27, 2023

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: April 27, 2023

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

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: 763974

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: 3967323)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- DUP-02-20230322 (Lab ID: 92658638002)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- EB-03-20230322 (Lab ID: 92658638010)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3967324)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MS (Lab ID: 3967325)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3967326)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-13R-20230322 (Lab ID: 92658638005)

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

QC Batch: 763974

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.

- 2,4-Dinitrophenol
- Benzoic Acid
- N-Nitrosodimethylamine

- MW-16-20230322 (Lab ID: 92658638004)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-18-20230322 (Lab ID: 92658638007)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-25R-20230322 (Lab ID: 92658638011)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-26-20230322 (Lab ID: 92658638009)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-37S-20230322 (Lab ID: 92658638003)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-37TZ-20230322 (Lab ID: 92658638006)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-41S-20230322 (Lab ID: 92658638008)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-44BR-20230322 (Lab ID: 92658638013)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-44TZ-20230322 (Lab ID: 92658638012)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MW-7R-20230322-MS/MSD (Lab ID: 92658638016)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

QC Batch: 763974

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.

- MW-9R-20230322 (Lab ID: 92658638001)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine

QC Batch: 764162

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: 3968241)
  - N-Nitrosodimethylamine
  - Phenol
- LCS (Lab ID: 3968242)
  - N-Nitrosodimethylamine
  - Phenol

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: 763974

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638016

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

- MS (Lab ID: 3967325)
  - 2,4-Dimethylphenol
- MSD (Lab ID: 3967326)
  - 2,4-Dimethylphenol

QC Batch: 764162

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638014

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

- MS (Lab ID: 3968243)
  - 2,4-Dimethylphenol

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

QC Batch: 764162

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638014

R1: RPD value was outside control limits.

- MSD (Lab ID: 3968244)
  - Butylbenzylphthalate
  - Di-n-octylphthalate

Additional Comments:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 27, 2023

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.

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

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.

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

QC Batch: 763737

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: 3966536)
  - Dichlorodifluoromethane
- MSD (Lab ID: 3966537)
  - Dichlorodifluoromethane

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: 3966534)
  - Bromomethane
- EB-03-20230322 (Lab ID: 92658638010)
  - Bromomethane
- MW-13R-20230322 (Lab ID: 92658638005)
  - Bromomethane
- MW-18-20230322 (Lab ID: 92658638007)
  - Bromomethane
- MW-41S-20230322 (Lab ID: 92658638008)
  - Bromomethane
- MW-44BR-20230322 (Lab ID: 92658638013)
  - Bromomethane
- MW-44TZ-20230322 (Lab ID: 92658638012)
  - Bromomethane
- TB-05-20230322 (Lab ID: 92658638019)
  - Bromomethane
- TB-06-20230322 (Lab ID: 92658638020)
  - 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: 3966535)
  - Bromomethane
- MS (Lab ID: 3966536)

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 763737

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: 3966537)
  - Bromomethane

QC Batch: 763740

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: 3966550)
  - Dichlorodifluoromethane
- MSD (Lab ID: 3966551)
  - Dichlorodifluoromethane
- MW-41TZ-20230322 (Lab ID: 92658638015)
  - Dichlorodifluoromethane

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: 3966550)
  - Bromomethane
- MSD (Lab ID: 3966551)
  - Bromomethane

QC Batch: 763745

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: 3966568)
  - Bromomethane
- MW-16-20230322 (Lab ID: 92658638004)
  - Bromomethane
- MW-25R-20230322 (Lab ID: 92658638011)
  - Bromomethane
- MW-26-20230322 (Lab ID: 92658638009)
  - Bromomethane
- MW-28-20230322 (Lab ID: 92658638014)
  - Bromomethane
- MW-37S-20230322 (Lab ID: 92658638003)
  - Bromomethane
- MW-37TZ-20230322 (Lab ID: 92658638006)
  - Bromomethane
- MW-7R-20230322-MS/MSD (Lab ID: 92658638016)
  - Bromomethane
- MW-9R-20230322 (Lab ID: 92658638001)
  - 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: 3966569)

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 763745

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

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: 763740

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: 3966549)
  - Dichlorodifluoromethane

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

QC Batch: 763737

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658445010

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

- MS (Lab ID: 3966536)
  - Chloromethane
  - Dichlorodifluoromethane
- MSD (Lab ID: 3966537)
  - Chloromethane
  - Dichlorodifluoromethane

QC Batch: 763740

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638015

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3966550)
  - Dichlorodifluoromethane
- MSD (Lab ID: 3966551)
  - Dichlorodifluoromethane

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

- MS (Lab ID: 3966550)
  - Chloromethane

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 763740

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638015

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

- MSD (Lab ID: 3966551)
  - Chloromethane

QC Batch: 763745

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638016

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

- MSD (Lab ID: 3966571)
  - Dichlorodifluoromethane

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- MS (Lab ID: 3968991)
  - 1,1,1,2-Tetrachloroethane
  - 1,1,1-Trichloroethane
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2,3-Trichlorobenzene
  - 1,2,3-Trichloropropane
  - 1,2,4-Trichlorobenzene
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - 1,3-Dichlorobenzene
  - 1,3-Dichloropropane
  - 1,4-Dichlorobenzene
  - 2,2-Dichloropropane
  - 2-Butanone (MEK)
  - 2-Chlorotoluene
  - 2-Hexanone
  - 4-Chlorotoluene
  - 4-Methyl-2-pentanone (MIBK)
  - Acetone
  - Benzene
  - Bromobenzene
  - Bromochloromethane
  - Bromodichloromethane
  - Bromoform
  - Bromomethane

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

• MSD (Lab ID: 3968992)

- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,1-Dichloropropene
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2-Dibromo-3-chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichloroethane
- 1,2-Dichloropropane

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- 1,3-Dichlorobenzene
- 1,3-Dichloropropane
- 1,4-Dichlorobenzene
- 2,2-Dichloropropane
- 2-Butanone (MEK)
- 2-Chlorotoluene
- 2-Hexanone
- 4-Chlorotoluene
- 4-Methyl-2-pentanone (MIBK)
- Acetone
- Benzene
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- trans-1,3-Dichloropropene

Additional Comments:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: April 27, 2023

General Information:
3 samples were analyzed for SM 2320B-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:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: April 27, 2023

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:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: April 27, 2023

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:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: April 27, 2023

General Information:
3 samples were analyzed for EPA 350.1 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: April 27, 2023

General Information:
3 samples were analyzed for EPA 353.2 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: April 27, 2023

General Information:
3 samples were analyzed for EPA 9060A 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: 763992

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658467002,92658638014

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

- MS (Lab ID: 3967426)
  - Mean Total Organic Carbon
  - Total Organic Carbon
- MSD (Lab ID: 3967427)
  - Total Organic Carbon

Additional Comments:

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

PROJECT NARRATIVE

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: April 27, 2023

General Information:
3 samples were analyzed for SM 4500-CO2 D-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.

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-9R-20230322 **Lab ID: 92658638001** Collected: 03/22/23 11:28 Received: 03/23/23 16:10 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	03/27/23 13:00	03/28/23 17:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 17:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 17:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/23 13:00	03/28/23 17:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/23 13:00	03/28/23 17:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/23 13:00	03/28/23 17:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/23 13:00	03/28/23 17:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/23 13:00	03/28/23 17:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/27/23 13:00	03/28/23 17:08	65-85-0	v1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/23 13:00	03/28/23 17:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/23 13:00	03/28/23 17:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/23 13:00	03/28/23 17:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/23 13:00	03/28/23 17:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/23 13:00	03/28/23 17:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/23 13:00	03/28/23 17:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 17:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 17:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 17:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 17:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/23 13:00	03/28/23 17:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/23 13:00	03/28/23 17:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 17:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/23 13:00	03/28/23 17:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 17:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 17:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 17:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 17:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 17:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/27/23 13:00	03/28/23 17:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/23 13:00	03/28/23 17:08	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 17:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 17:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/23 13:00	03/28/23 17:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/23 13:00	03/28/23 17:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 17:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 17:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 17:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 17:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 17:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/23 13:00	03/28/23 17:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 17:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 17:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 17:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 17:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 17:08	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-9R-20230322 **Lab ID: 92658638001** Collected: 03/22/23 11:28 Received: 03/23/23 16:10 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	03/27/23 13:00	03/28/23 17:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/23 13:00	03/28/23 17:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/23 13:00	03/28/23 17:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 17:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 17:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/23 13:00	03/28/23 17:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 17:08	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/23 13:00	03/28/23 17:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/23 13:00	03/28/23 17:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 17:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/23 13:00	03/28/23 17:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 17:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 17:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 17:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 17:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 17:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	86	%	10-138		1	03/27/23 13:00	03/28/23 17:08	4165-60-0	
2-Fluorobiphenyl (S)	73	%	10-130		1	03/27/23 13:00	03/28/23 17:08	321-60-8	
Terphenyl-d14 (S)	90	%	19-191		1	03/27/23 13:00	03/28/23 17:08	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	03/27/23 13:00	03/28/23 17:08	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/27/23 13:00	03/28/23 17:08	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-164		1	03/27/23 13:00	03/28/23 17:08	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	0.096	0.041	1	03/27/23 15:22	03/28/23 09:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	93	%	69-194		1	03/27/23 15:22	03/28/23 09:55	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-194		1	03/27/23 15:22	03/28/23 09:55	321-60-8	
Terphenyl-d14 (S)	96	%	69-180		1	03/27/23 15:22	03/28/23 09:55	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		03/27/23 04:18	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 04:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 04:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 04:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 04:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 04:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 04:18	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 04:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 04:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 04:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 04:18	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-9R-20230322 **Lab ID: 92658638001** Collected: 03/22/23 11:28 Received: 03/23/23 16:10 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	**0.72J**	ug/L	1.0	0.43	1		03/27/23 04:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 04:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 04:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 04:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 04:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 04:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 04:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 04:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 04:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 04:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 04:18	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 04:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 04:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 04:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 04:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 04:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 04:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 04:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 04:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 04:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 04:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 04:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 04:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 04:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 04:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 04:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 04:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 04:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 04:18	108-10-1	
Methyl-tert-butyl ether	**0.51J**	ug/L	1.0	0.42	1		03/27/23 04:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 04:18	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 04:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 04:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 04:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 04:18	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 04:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 04:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 04:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 04:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 04:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 04:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 04:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 04:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 04:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 04:18	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-9R-20230322 **Lab ID: 92658638001** Collected: 03/22/23 11:28 Received: 03/23/23 16:10 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		03/27/23 04:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 04:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 04:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/23 04:18	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		03/27/23 04:18	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/27/23 04:18	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: DUP-02-20230322 **Lab ID: 92658638002** Collected: 03/22/23 11:10 Received: 03/23/23 16:10 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	03/27/23 13:00	03/28/23 19:54	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 19:54	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 19:54	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/23 13:00	03/28/23 19:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/23 13:00	03/28/23 19:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/23 13:00	03/28/23 19:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/23 13:00	03/28/23 19:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/23 13:00	03/28/23 19:54	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/27/23 13:00	03/28/23 19:54	65-85-0	v1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/23 13:00	03/28/23 19:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/23 13:00	03/28/23 19:54	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/23 13:00	03/28/23 19:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/23 13:00	03/28/23 19:54	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/23 13:00	03/28/23 19:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/23 13:00	03/28/23 19:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 19:54	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 19:54	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 19:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 19:54	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/23 13:00	03/28/23 19:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/23 13:00	03/28/23 19:54	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 19:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/23 13:00	03/28/23 19:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 19:54	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 19:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 19:54	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 19:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 19:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/27/23 13:00	03/28/23 19:54	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/23 13:00	03/28/23 19:54	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 19:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 19:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/23 13:00	03/28/23 19:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/23 13:00	03/28/23 19:54	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 19:54	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 19:54	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 19:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 19:54	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 19:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/23 13:00	03/28/23 19:54	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 19:54	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 19:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 19:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 19:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 19:54	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: DUP-02-20230322 **Lab ID: 92658638002** Collected: 03/22/23 11:10 Received: 03/23/23 16:10 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	03/27/23 13:00	03/28/23 19:54	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/23 13:00	03/28/23 19:54	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/23 13:00	03/28/23 19:54	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 19:54	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 19:54	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/23 13:00	03/28/23 19:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 19:54	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/23 13:00	03/28/23 19:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/23 13:00	03/28/23 19:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 19:54	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/23 13:00	03/28/23 19:54	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 19:54	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 19:54	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 19:54	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 19:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 19:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	10-138		1	03/27/23 13:00	03/28/23 19:54	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/27/23 13:00	03/28/23 19:54	321-60-8	
Terphenyl-d14 (S)	88	%	19-191		1	03/27/23 13:00	03/28/23 19:54	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/27/23 13:00	03/28/23 19:54	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/27/23 13:00	03/28/23 19:54	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-164		1	03/27/23 13:00	03/28/23 19:54	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	0.096	0.041	1	03/27/23 15:22	03/28/23 10:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	69-194		1	03/27/23 15:22	03/28/23 10:16	4165-60-0	
2-Fluorobiphenyl (S)	107	%	61-194		1	03/27/23 15:22	03/28/23 10:16	321-60-8	
Terphenyl-d14 (S)	104	%	69-180		1	03/27/23 15:22	03/28/23 10:16	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		03/29/23 14:20	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 14:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 14:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 14:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 14:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 14:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 14:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 14:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 14:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 14:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 14:20	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: DUP-02-20230322 **Lab ID: 92658638002** Collected: 03/22/23 11:10 Received: 03/23/23 16:10 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	**0.60J**	ug/L	1.0	0.43	1		03/29/23 14:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 14:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 14:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 14:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 14:20	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 14:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 14:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 14:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 14:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 14:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 14:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 14:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 14:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 14:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 14:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 14:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 14:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 14:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 14:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 14:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 14:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 14:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 14:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 14:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 14:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 14:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 14:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 14:20	108-10-1	
Methyl-tert-butyl ether	**0.51J**	ug/L	1.0	0.42	1		03/29/23 14:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 14:20	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 14:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 14:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 14:20	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 14:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 14:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 14:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 14:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 14:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 14:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 14:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 14:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 14:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 14:20	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: DUP-02-20230322 **Lab ID: 92658638002** Collected: 03/22/23 11:10 Received: 03/23/23 16:10 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		03/29/23 14:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 14:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 14:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/29/23 14:20	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		03/29/23 14:20	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/29/23 14:20	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37S-20230322 **Lab ID: 92658638003** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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	8.3	1.7	1	03/27/23 13:00	03/28/23 20:19	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:19	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:19	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 20:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 20:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 20:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 20:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 20:19	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 20:19	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 20:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 20:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 20:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 20:19	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 20:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 20:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:19	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 20:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:19	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 20:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 20:19	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 20:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:19	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:19	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 20:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 20:19	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 20:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 20:19	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:19	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:19	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 20:19	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 20:19	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:19	78-59-1	
1-Methylnaphthalene	**13.9**	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:19	90-12-0	
2-Methylnaphthalene	**28.3**	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	**2.6J**	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 20:19	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37S-20230322 **Lab ID: 92658638003** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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	16.7	2.5	1	03/27/23 13:00	03/28/23 20:19	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 20:19	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 20:19	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:19	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:19	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 20:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:19	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 20:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 20:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 20:19	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 20:19	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:19	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 20:19	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 20:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-138		1	03/27/23 13:00	03/28/23 20:19	4165-60-0	
2-Fluorobiphenyl (S)	47	%	10-130		1	03/27/23 13:00	03/28/23 20:19	321-60-8	
Terphenyl-d14 (S)	92	%	19-191		1	03/27/23 13:00	03/28/23 20:19	1718-51-0	
Phenol-d6 (S)	20	%	10-130		1	03/27/23 13:00	03/28/23 20:19	13127-88-3	
2-Fluorophenol (S)	27	%	10-130		1	03/27/23 13:00	03/28/23 20:19	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-164		1	03/27/23 13:00	03/28/23 20:19	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	0.096	0.041	1	03/27/23 15:22	03/28/23 11:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	69-194		1	03/27/23 15:22	03/28/23 11:22	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-194		1	03/27/23 15:22	03/28/23 11:22	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	03/27/23 15:22	03/28/23 11:22	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		03/27/23 04:36	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 04:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 04:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 04:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 04:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 04:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 04:36	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 04:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 04:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 04:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 04:36	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37S-20230322 **Lab ID: 92658638003** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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	1.0	0.43	1		03/27/23 04:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 04:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 04:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 04:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 04:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 04:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 04:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 04:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 04:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 04:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 04:36	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 04:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 04:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 04:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 04:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 04:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 04:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 04:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 04:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 04:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 04:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 04:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 04:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 04:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 04:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 04:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 04:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 04:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 04:36	108-10-1	
Methyl-tert-butyl ether	**0.46J**	ug/L	1.0	0.42	1		03/27/23 04:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 04:36	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 04:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 04:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 04:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 04:36	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 04:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 04:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 04:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 04:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 04:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 04:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 04:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 04:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 04:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 04:36	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37S-20230322 **Lab ID: 92658638003** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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		03/27/23 04:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 04:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 04:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/23 04:36	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/27/23 04:36	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/27/23 04:36	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-16-20230322 **Lab ID: 92658638004** Collected: 03/22/23 15:38 Received: 03/23/23 16:10 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	8.3	1.7	1	03/27/23 13:00	03/28/23 20:45	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:45	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:45	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 20:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 20:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 20:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 20:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 20:45	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 20:45	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 20:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 20:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 20:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 20:45	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 20:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 20:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:45	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:45	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 20:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:45	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 20:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 20:45	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 20:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:45	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:45	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 20:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 20:45	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 20:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 20:45	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:45	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:45	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 20:45	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 20:45	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 20:45	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 20:45	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-16-20230322 **Lab ID: 92658638004** Collected: 03/22/23 15:38 Received: 03/23/23 16:10 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	16.7	2.5	1	03/27/23 13:00	03/28/23 20:45	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 20:45	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 20:45	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:45	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:45	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 20:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 20:45	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 20:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 20:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 20:45	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 20:45	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 20:45	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 20:45	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 20:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 20:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 20:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-138		1	03/27/23 13:00	03/28/23 20:45	4165-60-0	
2-Fluorobiphenyl (S)	42	%	10-130		1	03/27/23 13:00	03/28/23 20:45	321-60-8	
Terphenyl-d14 (S)	86	%	19-191		1	03/27/23 13:00	03/28/23 20:45	1718-51-0	
Phenol-d6 (S)	44	%	10-130		1	03/27/23 13:00	03/28/23 20:45	13127-88-3	
2-Fluorophenol (S)	43	%	10-130		1	03/27/23 13:00	03/28/23 20:45	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-164		1	03/27/23 13:00	03/28/23 20:45	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	0.095	0.041	1	03/27/23 15:22	03/28/23 12:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	93	%	69-194		1	03/27/23 15:22	03/28/23 12:05	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-194		1	03/27/23 15:22	03/28/23 12:05	321-60-8	
Terphenyl-d14 (S)	95	%	69-180		1	03/27/23 15:22	03/28/23 12:05	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		03/27/23 04:55	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 04:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 04:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 04:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 04:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 04:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 04:55	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 04:55	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 04:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 04:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 04:55	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-16-20230322 **Lab ID: 92658638004** Collected: 03/22/23 15:38 Received: 03/23/23 16:10 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	1.0	0.43	1		03/27/23 04:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 04:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 04:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 04:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 04:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 04:55	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 04:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 04:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 04:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 04:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 04:55	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 04:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 04:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 04:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 04:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 04:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 04:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 04:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 04:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 04:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 04:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 04:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 04:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 04:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 04:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 04:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 04:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 04:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 04:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 04:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 04:55	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 04:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 04:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 04:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 04:55	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 04:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 04:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 04:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 04:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 04:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 04:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 04:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 04:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 04:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 04:55	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-16-20230322 **Lab ID: 92658638004** Collected: 03/22/23 15:38 Received: 03/23/23 16:10 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		03/27/23 04:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 04:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 04:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/27/23 04:55	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/27/23 04:55	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/27/23 04:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-13R-20230322 **Lab ID: 92658638005** Collected: 03/22/23 15:25 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/27/23 14:57	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/27/23 14:57	74-85-1	
Methane	**6.1J**	ug/L	10.0	5.3	1		03/27/23 14:57	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/24/23 11:07	03/26/23 21:16	7439-89-6	
Manganese	**280**	ug/L	5.0	3.4	1	03/24/23 11:07	03/26/23 21:16	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	03/24/23 15:00	03/27/23 16:47	7439-89-6	
Manganese, Dissolved	**281**	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:47	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 21:10	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 21:10	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 21:10	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/27/23 13:00	03/28/23 21:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/27/23 13:00	03/28/23 21:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/27/23 13:00	03/28/23 21:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/27/23 13:00	03/28/23 21:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/27/23 13:00	03/28/23 21:10	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	03/27/23 13:00	03/28/23 21:10	65-85-0	v1
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/27/23 13:00	03/28/23 21:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 21:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/27/23 13:00	03/28/23 21:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/27/23 13:00	03/28/23 21:10	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/27/23 13:00	03/28/23 21:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 21:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 21:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 21:10	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/27/23 13:00	03/28/23 21:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 21:10	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/27/23 13:00	03/28/23 21:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/27/23 13:00	03/28/23 21:10	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 21:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/27/23 13:00	03/28/23 21:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 21:10	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 21:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 21:10	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 21:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 21:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/27/23 13:00	03/28/23 21:10	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-13R-20230322 **Lab ID: 92658638005** Collected: 03/22/23 15:25 Received: 03/23/23 16:10 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								
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/27/23 13:00	03/28/23 21:10	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 21:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 21:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/27/23 13:00	03/28/23 21:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/27/23 13:00	03/28/23 21:10	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 21:10	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 21:10	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 21:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/27/23 13:00	03/28/23 21:10	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 21:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/27/23 13:00	03/28/23 21:10	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 21:10	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 21:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 21:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 21:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	03/27/23 13:00	03/28/23 21:10	15831-10-4	
2-Nitroaniline	ND	ug/L	18.2	2.7	1	03/27/23 13:00	03/28/23 21:10	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/27/23 13:00	03/28/23 21:10	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/27/23 13:00	03/28/23 21:10	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 21:10	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 21:10	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/27/23 13:00	03/28/23 21:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 21:10	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/27/23 13:00	03/28/23 21:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/27/23 13:00	03/28/23 21:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/27/23 13:00	03/28/23 21:10	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/27/23 13:00	03/28/23 21:10	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 21:10	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	03/27/23 13:00	03/28/23 21:10	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 21:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 21:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/27/23 13:00	03/28/23 21:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	10-138		1	03/27/23 13:00	03/28/23 21:10	4165-60-0	
2-Fluorobiphenyl (S)	43	%	10-130		1	03/27/23 13:00	03/28/23 21:10	321-60-8	
Terphenyl-d14 (S)	68	%	19-191		1	03/27/23 13:00	03/28/23 21:10	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/27/23 13:00	03/28/23 21:10	13127-88-3	
2-Fluorophenol (S)	42	%	10-130		1	03/27/23 13:00	03/28/23 21:10	367-12-4	
2,4,6-Tribromophenol (S)	53	%	10-164		1	03/27/23 13:00	03/28/23 21:10	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	0.097	0.042	1	03/27/23 15:22	03/28/23 12:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/27/23 15:22	03/28/23 12:27	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-13R-20230322 **Lab ID: 92658638005** Collected: 03/22/23 15:25 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	103	%	61-194		1	03/27/23 15:22	03/28/23 12:27	321-60-8	
Terphenyl-d14 (S)	97	%	69-180		1	03/27/23 15:22	03/28/23 12:27	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		03/26/23 19:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 19:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 19:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 19:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 19:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 19:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 19:47	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 19:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 19:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 19:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 19:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/26/23 19:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 19:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 19:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 19:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 19:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 19:47	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 19:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 19:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 19:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 19:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 19:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 19:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 19:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 19:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 19:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 19:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 19:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 19:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 19:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 19:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 19:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 19:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 19:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 19:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 19:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 19:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 19:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 19:47	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-13R-20230322 **Lab ID: 92658638005** Collected: 03/22/23 15:25 Received: 03/23/23 16:10 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 19:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 19:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 19:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 19:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 19:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 19:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/23 19:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 19:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 19:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 19:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 19:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 19:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 19:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 19:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 19:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 19:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 19:47	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/26/23 19:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 19:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 19:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/26/23 19:47	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		03/26/23 19:47	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/26/23 19:47	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/28/23 19:25		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:12	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**30.6**	mg/L	1.0	0.50	1		03/24/23 20:57	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/25/23 12:36	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**1.4**	mg/L	0.040	0.017	1		03/28/23 14:52		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-13R-20230322 **Lab ID: 92658638005** Collected: 03/22/23 15:25 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		03/28/23 10:30	7440-44-0	
Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		03/28/23 10:30	7440-44-0	
Total Organic Carbon	**1.0J**	mg/L	1.0	0.50	1		03/28/23 10:30	7440-44-0	
Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		03/28/23 10:30	7440-44-0	
Mean Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		03/28/23 10:30	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**33.0**	mg/L	5.0		1		03/28/23 19:46	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37TZ-20230322 **Lab ID: 92658638006** Collected: 03/22/23 14:50 Received: 03/23/23 16:10 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	8.7	1.7	1	03/27/23 13:00	03/28/23 21:36	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 21:36	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 21:36	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/27/23 13:00	03/28/23 21:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/27/23 13:00	03/28/23 21:36	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/27/23 13:00	03/28/23 21:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/27/23 13:00	03/28/23 21:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/27/23 13:00	03/28/23 21:36	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/27/23 13:00	03/28/23 21:36	65-85-0	v1
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/27/23 13:00	03/28/23 21:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 21:36	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/27/23 13:00	03/28/23 21:36	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/27/23 13:00	03/28/23 21:36	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/27/23 13:00	03/28/23 21:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 21:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 21:36	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 21:36	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/27/23 13:00	03/28/23 21:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 21:36	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/27/23 13:00	03/28/23 21:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/27/23 13:00	03/28/23 21:36	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 21:36	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/27/23 13:00	03/28/23 21:36	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 21:36	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 21:36	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 21:36	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 21:36	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 21:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/27/23 13:00	03/28/23 21:36	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/27/23 13:00	03/28/23 21:36	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 21:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 21:36	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/27/23 13:00	03/28/23 21:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/27/23 13:00	03/28/23 21:36	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 21:36	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 21:36	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 21:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 21:36	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 21:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/27/23 13:00	03/28/23 21:36	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 21:36	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 21:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 21:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 21:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/27/23 13:00	03/28/23 21:36	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37TZ-20230322 **Lab ID: 92658638006** Collected: 03/22/23 14:50 Received: 03/23/23 16:10 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	17.4	2.6	1	03/27/23 13:00	03/28/23 21:36	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/27/23 13:00	03/28/23 21:36	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/27/23 13:00	03/28/23 21:36	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 21:36	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 21:36	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/27/23 13:00	03/28/23 21:36	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 21:36	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 21:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/27/23 13:00	03/28/23 21:36	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/27/23 13:00	03/28/23 21:36	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/27/23 13:00	03/28/23 21:36	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 21:36	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 21:36	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 21:36	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 21:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/27/23 13:00	03/28/23 21:36	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-138		1	03/27/23 13:00	03/28/23 21:36	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/27/23 13:00	03/28/23 21:36	321-60-8	
Terphenyl-d14 (S)	94	%	19-191		1	03/27/23 13:00	03/28/23 21:36	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	03/27/23 13:00	03/28/23 21:36	13127-88-3	
2-Fluorophenol (S)	59	%	10-130		1	03/27/23 13:00	03/28/23 21:36	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-164		1	03/27/23 13:00	03/28/23 21:36	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	0.096	0.041	1	03/27/23 15:22	03/28/23 12:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	99	%	69-194		1	03/27/23 15:22	03/28/23 12:49	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-194		1	03/27/23 15:22	03/28/23 12:49	321-60-8	
Terphenyl-d14 (S)	112	%	69-180		1	03/27/23 15:22	03/28/23 12:49	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		03/27/23 05:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 05:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 05:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 05:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 05:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 05:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 05:13	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 05:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 05:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 05:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 05:13	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37TZ-20230322 **Lab ID: 92658638006** Collected: 03/22/23 14:50 Received: 03/23/23 16:10 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	1.0	0.43	1		03/27/23 05:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 05:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 05:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 05:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 05:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 05:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 05:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 05:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 05:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 05:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 05:13	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 05:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 05:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 05:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 05:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 05:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 05:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 05:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 05:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 05:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 05:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 05:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 05:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 05:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 05:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 05:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 05:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 05:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 05:13	108-10-1	
Methyl-tert-butyl ether	**1.5**	ug/L	1.0	0.42	1		03/27/23 05:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 05:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 05:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 05:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 05:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 05:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 05:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 05:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 05:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 05:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 05:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 05:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 05:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 05:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 05:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 05:13	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37TZ-20230322 **Lab ID: 92658638006** Collected: 03/22/23 14:50 Received: 03/23/23 16:10 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		03/27/23 05:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 05:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 05:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/27/23 05:13	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		03/27/23 05:13	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 05:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-18-20230322 **Lab ID: 92658638007** Collected: 03/22/23 11:50 Received: 03/23/23 16:10 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	8.7	1.7	1	03/27/23 13:00	03/28/23 22:01	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 22:01	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 22:01	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/27/23 13:00	03/28/23 22:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/27/23 13:00	03/28/23 22:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/27/23 13:00	03/28/23 22:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/27/23 13:00	03/28/23 22:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/27/23 13:00	03/28/23 22:01	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/27/23 13:00	03/28/23 22:01	65-85-0	v1
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/27/23 13:00	03/28/23 22:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 22:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/27/23 13:00	03/28/23 22:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/27/23 13:00	03/28/23 22:01	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/27/23 13:00	03/28/23 22:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 22:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 22:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 22:01	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/27/23 13:00	03/28/23 22:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 22:01	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/27/23 13:00	03/28/23 22:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/27/23 13:00	03/28/23 22:01	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 22:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/27/23 13:00	03/28/23 22:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 22:01	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 22:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 22:01	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 22:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 22:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/27/23 13:00	03/28/23 22:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/27/23 13:00	03/28/23 22:01	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 22:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/27/23 13:00	03/28/23 22:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/27/23 13:00	03/28/23 22:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/27/23 13:00	03/28/23 22:01	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 22:01	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 22:01	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 22:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 22:01	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 22:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/27/23 13:00	03/28/23 22:01	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/27/23 13:00	03/28/23 22:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/27/23 13:00	03/28/23 22:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 22:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 22:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/27/23 13:00	03/28/23 22:01	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-18-20230322 **Lab ID: 92658638007** Collected: 03/22/23 11:50 Received: 03/23/23 16:10 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	17.4	2.6	1	03/27/23 13:00	03/28/23 22:01	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/27/23 13:00	03/28/23 22:01	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/27/23 13:00	03/28/23 22:01	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 22:01	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 22:01	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/27/23 13:00	03/28/23 22:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/27/23 13:00	03/28/23 22:01	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 22:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/27/23 13:00	03/28/23 22:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/27/23 13:00	03/28/23 22:01	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/27/23 13:00	03/28/23 22:01	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/27/23 13:00	03/28/23 22:01	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 22:01	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/27/23 13:00	03/28/23 22:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/27/23 13:00	03/28/23 22:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/27/23 13:00	03/28/23 22:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	10-138		1	03/27/23 13:00	03/28/23 22:01	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/27/23 13:00	03/28/23 22:01	321-60-8	
Terphenyl-d14 (S)	85	%	19-191		1	03/27/23 13:00	03/28/23 22:01	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/27/23 13:00	03/28/23 22:01	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	03/27/23 13:00	03/28/23 22:01	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-164		1	03/27/23 13:00	03/28/23 22:01	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	0.097	0.041	1	03/27/23 15:22	03/28/23 13:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/27/23 15:22	03/28/23 13:11	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/27/23 15:22	03/28/23 13:11	321-60-8	
Terphenyl-d14 (S)	86	%	69-180		1	03/27/23 15:22	03/28/23 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		03/26/23 20:04	67-64-1	
Benzene	**0.36J**	ug/L	1.0	0.34	1		03/26/23 20:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 20:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 20:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 20:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 20:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 20:04	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 20:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 20:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 20:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 20:04	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-18-20230322 **Lab ID: 92658638007** Collected: 03/22/23 11:50 Received: 03/23/23 16:10 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	1.0	0.43	1		03/26/23 20:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 20:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 20:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 20:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 20:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 20:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 20:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 20:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 20:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 20:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 20:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 20:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 20:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 20:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 20:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 20:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 20:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 20:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 20:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 20:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 20:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 20:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 20:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 20:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 20:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/23 20:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 20:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 20:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 20:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 20:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 20:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 20:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 20:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 20:04	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-18-20230322 **Lab ID: 92658638007** Collected: 03/22/23 11:50 Received: 03/23/23 16:10 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		03/26/23 20:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 20:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 20:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/26/23 20:04	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		03/26/23 20:04	17060-07-0	
Toluene-d8 (S)	108	%	70-130		1		03/26/23 20:04	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41S-20230322 **Lab ID: 92658638008** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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	8.3	1.7	1	03/27/23 13:00	03/28/23 22:27	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 22:27	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 22:27	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 22:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 22:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 22:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 22:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 22:27	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 22:27	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 22:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 22:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 22:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 22:27	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 22:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 22:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 22:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 22:27	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 22:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 22:27	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 22:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 22:27	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 22:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 22:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 22:27	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 22:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 22:27	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 22:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 22:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 22:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 22:27	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 22:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 22:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 22:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 22:27	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 22:27	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 22:27	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 22:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 22:27	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 22:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 22:27	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 22:27	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 22:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 22:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 22:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 22:27	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41S-20230322 **Lab ID: 92658638008** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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	16.7	2.5	1	03/27/23 13:00	03/28/23 22:27	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 22:27	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 22:27	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 22:27	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 22:27	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 22:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 22:27	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 22:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 22:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 22:27	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 22:27	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 22:27	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 22:27	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 22:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 22:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 22:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	10-138		1	03/27/23 13:00	03/28/23 22:27	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/27/23 13:00	03/28/23 22:27	321-60-8	
Terphenyl-d14 (S)	83	%	19-191		1	03/27/23 13:00	03/28/23 22:27	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/27/23 13:00	03/28/23 22:27	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/27/23 13:00	03/28/23 22:27	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-164		1	03/27/23 13:00	03/28/23 22:27	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	0.096	0.041	1	03/27/23 15:22	03/28/23 13:32	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	89	%	69-194		1	03/27/23 15:22	03/28/23 13:32	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-194		1	03/27/23 15:22	03/28/23 13:32	321-60-8	
Terphenyl-d14 (S)	99	%	69-180		1	03/27/23 15:22	03/28/23 13:32	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		03/26/23 20:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 20:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 20:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 20:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 20:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 20:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 20:22	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 20:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 20:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 20:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 20:22	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41S-20230322 **Lab ID: 92658638008** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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	1.0	0.43	1		03/26/23 20:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 20:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 20:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 20:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 20:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 20:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 20:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 20:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 20:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 20:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 20:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 20:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 20:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 20:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 20:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 20:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 20:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 20:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 20:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 20:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 20:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 20:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 20:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 20:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 20:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 20:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/23 20:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 20:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 20:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 20:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 20:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 20:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 20:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 20:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 20:22	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41S-20230322 **Lab ID: 92658638008** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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		03/26/23 20:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 20:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 20:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/26/23 20:22	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		03/26/23 20:22	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/26/23 20:22	2037-26-5	

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-26-20230322 **Lab ID: 92658638009** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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	03/27/23 13:00	03/28/23 22:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 22:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 22:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/23 13:00	03/28/23 22:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/23 13:00	03/28/23 22:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/23 13:00	03/28/23 22:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/23 13:00	03/28/23 22:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/23 13:00	03/28/23 22:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/27/23 13:00	03/28/23 22:52	65-85-0	v1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/23 13:00	03/28/23 22:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/23 13:00	03/28/23 22:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/23 13:00	03/28/23 22:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/23 13:00	03/28/23 22:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/23 13:00	03/28/23 22:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/23 13:00	03/28/23 22:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 22:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 22:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 22:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 22:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/23 13:00	03/28/23 22:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/23 13:00	03/28/23 22:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 22:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/23 13:00	03/28/23 22:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 22:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 22:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 22:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 22:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 22:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/27/23 13:00	03/28/23 22:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/23 13:00	03/28/23 22:52	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 22:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 22:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/23 13:00	03/28/23 22:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/23 13:00	03/28/23 22:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 22:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/23 13:00	03/28/23 22:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 22:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 22:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 22:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/23 13:00	03/28/23 22:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/23 13:00	03/28/23 22:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 22:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 22:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 22:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 22:52	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-26-20230322 **Lab ID: 92658638009** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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	03/27/23 13:00	03/28/23 22:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/23 13:00	03/28/23 22:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/23 13:00	03/28/23 22:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 22:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 22:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/23 13:00	03/28/23 22:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/23 13:00	03/28/23 22:52	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/23 13:00	03/28/23 22:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/23 13:00	03/28/23 22:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/23 13:00	03/28/23 22:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/23 13:00	03/28/23 22:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/23 13:00	03/28/23 22:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 22:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/23 13:00	03/28/23 22:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/23 13:00	03/28/23 22:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/23 13:00	03/28/23 22:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-138		1	03/27/23 13:00	03/28/23 22:52	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/27/23 13:00	03/28/23 22:52	321-60-8	
Terphenyl-d14 (S)	93	%	19-191		1	03/27/23 13:00	03/28/23 22:52	1718-51-0	
Phenol-d6 (S)	61	%	10-130		1	03/27/23 13:00	03/28/23 22:52	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/27/23 13:00	03/28/23 22:52	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-164		1	03/27/23 13:00	03/28/23 22:52	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	0.097	0.041	1	03/27/23 15:22	03/28/23 13:54	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	69-194		1	03/27/23 15:22	03/28/23 13:54	4165-60-0	
2-Fluorobiphenyl (S)	100	%	61-194		1	03/27/23 15:22	03/28/23 13:54	321-60-8	
Terphenyl-d14 (S)	95	%	69-180		1	03/27/23 15:22	03/28/23 13:54	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		03/27/23 05:31	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 05:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 05:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 05:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 05:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 05:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 05:31	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 05:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 05:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 05:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 05:31	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-26-20230322 **Lab ID: 92658638009** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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	1.0	0.43	1		03/27/23 05:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 05:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 05:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 05:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 05:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 05:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 05:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 05:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 05:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 05:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 05:31	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 05:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 05:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 05:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 05:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 05:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 05:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 05:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 05:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 05:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 05:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 05:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 05:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 05:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 05:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 05:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 05:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 05:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 05:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 05:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 05:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 05:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 05:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 05:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 05:31	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 05:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 05:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 05:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 05:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 05:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 05:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 05:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 05:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 05:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 05:31	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-26-20230322 **Lab ID: 92658638009** Collected: 03/22/23 15:45 Received: 03/23/23 16:10 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		03/27/23 05:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 05:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 05:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/23 05:31	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		03/27/23 05:31	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/27/23 05:31	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: EB-03-20230322 **Lab ID: 92658638010** Collected: 03/22/23 16:35 Received: 03/23/23 16:10 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	8.3	1.7	1	03/27/23 13:00	03/28/23 23:18	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:18	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:18	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 23:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 23:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 23:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 23:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 23:18	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 23:18	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 23:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 23:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 23:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 23:18	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 23:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 23:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:18	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 23:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:18	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 23:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 23:18	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 23:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:18	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:18	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 23:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 23:18	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 23:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 23:18	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:18	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:18	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 23:18	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 23:18	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 23:18	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: EB-03-20230322 **Lab ID: 92658638010** Collected: 03/22/23 16:35 Received: 03/23/23 16:10 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	16.7	2.5	1	03/27/23 13:00	03/28/23 23:18	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 23:18	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 23:18	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:18	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:18	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 23:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:18	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 23:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 23:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 23:18	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 23:18	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:18	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 23:18	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 23:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-138		1	03/27/23 13:00	03/28/23 23:18	4165-60-0	
2-Fluorobiphenyl (S)	73	%	10-130		1	03/27/23 13:00	03/28/23 23:18	321-60-8	
Terphenyl-d14 (S)	87	%	19-191		1	03/27/23 13:00	03/28/23 23:18	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/27/23 13:00	03/28/23 23:18	13127-88-3	
2-Fluorophenol (S)	59	%	10-130		1	03/27/23 13:00	03/28/23 23:18	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-164		1	03/27/23 13:00	03/28/23 23:18	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	0.095	0.041	1	03/27/23 15:22	03/28/23 14:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/27/23 15:22	03/28/23 14:16	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-194		1	03/27/23 15:22	03/28/23 14:16	321-60-8	
Terphenyl-d14 (S)	94	%	69-180		1	03/27/23 15:22	03/28/23 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		03/26/23 15:24	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 15:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 15:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 15:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 15:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 15:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 15:24	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 15:24	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 15:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 15:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 15:24	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: EB-03-20230322 **Lab ID: 92658638010** Collected: 03/22/23 16:35 Received: 03/23/23 16:10 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	1.0	0.43	1		03/26/23 15:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 15:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 15:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 15:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 15:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 15:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 15:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 15:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 15:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 15:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 15:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 15:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 15:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 15:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 15:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 15:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 15:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 15:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 15:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 15:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 15:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 15:24	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 15:24	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 15:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 15:24	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 15:24	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 15:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 15:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 15:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 15:24	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 15:24	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 15:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 15:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 15:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/23 15:24	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 15:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 15:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 15:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 15:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 15:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 15:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 15:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 15:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 15:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 15:24	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: EB-03-20230322 **Lab ID: 92658638010** Collected: 03/22/23 16:35 Received: 03/23/23 16:10 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		03/26/23 15:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 15:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 15:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/26/23 15:24	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		03/26/23 15:24	17060-07-0	
Toluene-d8 (S)	108	%	70-130		1		03/26/23 15:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-25R-20230322 **Lab ID: 92658638011** Collected: 03/22/23 09:13 Received: 03/23/23 16:10 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	8.3	1.7	1	03/27/23 13:00	03/28/23 23:43	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:43	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:43	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/28/23 23:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 23:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/28/23 23:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 23:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 23:43	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/28/23 23:43	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/28/23 23:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 23:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/28/23 23:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/28/23 23:43	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/28/23 23:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/28/23 23:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:43	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 23:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:43	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/28/23 23:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 23:43	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/28/23 23:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:43	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:43	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/28/23 23:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/28/23 23:43	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/28/23 23:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/28/23 23:43	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:43	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:43	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 23:43	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/28/23 23:43	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/28/23 23:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/28/23 23:43	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-25R-20230322 **Lab ID: 92658638011** Collected: 03/22/23 09:13 Received: 03/23/23 16:10 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	16.7	2.5	1	03/27/23 13:00	03/28/23 23:43	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 23:43	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/28/23 23:43	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:43	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:43	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/28/23 23:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/28/23 23:43	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 23:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/28/23 23:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/28/23 23:43	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/28/23 23:43	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/28/23 23:43	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/28/23 23:43	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/28/23 23:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/28/23 23:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/28/23 23:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-138		1	03/27/23 13:00	03/28/23 23:43	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	03/27/23 13:00	03/28/23 23:43	321-60-8	
Terphenyl-d14 (S)	84	%	19-191		1	03/27/23 13:00	03/28/23 23:43	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	03/27/23 13:00	03/28/23 23:43	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/27/23 13:00	03/28/23 23:43	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-164		1	03/27/23 13:00	03/28/23 23:43	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	0.096	0.041	1	03/27/23 15:22	03/28/23 14:37	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/27/23 15:22	03/28/23 14:37	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-194		1	03/27/23 15:22	03/28/23 14:37	321-60-8	
Terphenyl-d14 (S)	94	%	69-180		1	03/27/23 15:22	03/28/23 14:37	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		03/27/23 05:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 05:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 05:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 05:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 05:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 05:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 05:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 05:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 05:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 05:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 05:49	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-25R-20230322 **Lab ID: 92658638011** Collected: 03/22/23 09:13 Received: 03/23/23 16:10 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	1.0	0.43	1		03/27/23 05:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 05:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 05:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 05:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 05:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 05:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 05:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 05:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 05:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 05:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 05:49	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 05:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 05:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 05:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 05:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 05:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 05:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 05:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 05:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 05:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 05:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 05:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 05:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 05:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 05:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 05:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 05:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 05:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 05:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 05:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 05:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 05:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 05:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 05:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 05:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 05:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 05:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 05:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 05:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 05:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 05:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 05:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 05:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 05:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 05:49	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-25R-20230322 **Lab ID: 92658638011** Collected: 03/22/23 09:13 Received: 03/23/23 16:10 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		03/27/23 05:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 05:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 05:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/27/23 05:49	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/27/23 05:49	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/27/23 05:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44TZ-20230322 **Lab ID: 92658638012** Collected: 03/22/23 11:19 Received: 03/23/23 16:10 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	8.3	1.7	1	03/27/23 13:00	03/29/23 00:08	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:08	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:08	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/29/23 00:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/29/23 00:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/29/23 00:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/29/23 00:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/29/23 00:08	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/29/23 00:08	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/29/23 00:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/29/23 00:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/29/23 00:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/29/23 00:08	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/29/23 00:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/29/23 00:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:08	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/29/23 00:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:08	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/29/23 00:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/29/23 00:08	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/29/23 00:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:08	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:08	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/29/23 00:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/29/23 00:08	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/29/23 00:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/29/23 00:08	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:08	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:08	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/29/23 00:08	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/29/23 00:08	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/29/23 00:08	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44TZ-20230322 **Lab ID: 92658638012** Collected: 03/22/23 11:19 Received: 03/23/23 16:10 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	16.7	2.5	1	03/27/23 13:00	03/29/23 00:08	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/29/23 00:08	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/29/23 00:08	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:08	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:08	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/29/23 00:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:08	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/29/23 00:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/29/23 00:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/29/23 00:08	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/29/23 00:08	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:08	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/29/23 00:08	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/29/23 00:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	47	%	10-138		1	03/27/23 13:00	03/29/23 00:08	4165-60-0	
2-Fluorobiphenyl (S)	41	%	10-130		1	03/27/23 13:00	03/29/23 00:08	321-60-8	
Terphenyl-d14 (S)	78	%	19-191		1	03/27/23 13:00	03/29/23 00:08	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/27/23 13:00	03/29/23 00:08	13127-88-3	
2-Fluorophenol (S)	34	%	10-130		1	03/27/23 13:00	03/29/23 00:08	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-164		1	03/27/23 13:00	03/29/23 00:08	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	0.097	0.041	1	03/27/23 15:22	03/28/23 14:59	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	69-194		1	03/27/23 15:22	03/28/23 14:59	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-194		1	03/27/23 15:22	03/28/23 14:59	321-60-8	
Terphenyl-d14 (S)	95	%	69-180		1	03/27/23 15:22	03/28/23 14:59	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		03/26/23 20:39	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 20:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 20:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 20:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 20:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 20:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 20:39	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 20:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 20:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 20:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 20:39	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44TZ-20230322 **Lab ID: 92658638012** Collected: 03/22/23 11:19 Received: 03/23/23 16:10 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	1.0	0.43	1		03/26/23 20:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 20:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 20:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 20:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 20:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 20:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 20:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 20:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 20:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 20:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 20:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 20:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 20:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 20:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 20:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 20:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 20:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 20:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 20:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 20:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 20:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 20:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 20:39	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 20:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 20:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 20:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/23 20:39	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 20:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 20:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 20:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 20:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 20:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 20:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 20:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 20:39	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44TZ-20230322 **Lab ID: 92658638012** Collected: 03/22/23 11:19 Received: 03/23/23 16:10 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		03/26/23 20:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 20:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 20:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/26/23 20:39	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		03/26/23 20:39	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/26/23 20:39	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44BR-20230322 **Lab ID: 92658638013** Collected: 03/22/23 12:35 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/27/23 15:13	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/27/23 15:13	74-85-1	
Methane	**102**	ug/L	10.0	5.3	1		03/27/23 15:13	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**43.8J**	ug/L	50.0	41.5	1	03/24/23 11:07	03/26/23 21:19	7439-89-6	
Manganese	**3.8J**	ug/L	5.0	3.4	1	03/24/23 11:07	03/26/23 21:19	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	03/24/23 15:00	03/27/23 16:51	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:51	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:34	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:34	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:34	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/27/23 13:00	03/29/23 00:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/29/23 00:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/27/23 13:00	03/29/23 00:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/29/23 00:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/29/23 00:34	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/27/23 13:00	03/29/23 00:34	65-85-0	v1
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/27/23 13:00	03/29/23 00:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/29/23 00:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/27/23 13:00	03/29/23 00:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/27/23 13:00	03/29/23 00:34	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/27/23 13:00	03/29/23 00:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/27/23 13:00	03/29/23 00:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:34	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/29/23 00:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:34	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/27/23 13:00	03/29/23 00:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/29/23 00:34	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/27/23 13:00	03/29/23 00:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:34	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:34	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/27/23 13:00	03/29/23 00:34	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44BR-20230322 **Lab ID: 92658638013** Collected: 03/22/23 12:35 Received: 03/23/23 16:10 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								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/27/23 13:00	03/29/23 00:34	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/27/23 13:00	03/29/23 00:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/27/23 13:00	03/29/23 00:34	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:34	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:34	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/29/23 00:34	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/27/23 13:00	03/29/23 00:34	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/27/23 13:00	03/29/23 00:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/27/23 13:00	03/29/23 00:34	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	03/27/23 13:00	03/29/23 00:34	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/29/23 00:34	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/27/23 13:00	03/29/23 00:34	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:34	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:34	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/27/23 13:00	03/29/23 00:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/27/23 13:00	03/29/23 00:34	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/29/23 00:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/27/23 13:00	03/29/23 00:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/27/23 13:00	03/29/23 00:34	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/27/23 13:00	03/29/23 00:34	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/27/23 13:00	03/29/23 00:34	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/27/23 13:00	03/29/23 00:34	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/27/23 13:00	03/29/23 00:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/27/23 13:00	03/29/23 00:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/27/23 13:00	03/29/23 00:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	10-138		1	03/27/23 13:00	03/29/23 00:34	4165-60-0	
2-Fluorobiphenyl (S)	63	%	10-130		1	03/27/23 13:00	03/29/23 00:34	321-60-8	
Terphenyl-d14 (S)	90	%	19-191		1	03/27/23 13:00	03/29/23 00:34	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	03/27/23 13:00	03/29/23 00:34	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/27/23 13:00	03/29/23 00:34	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-164		1	03/27/23 13:00	03/29/23 00:34	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	0.096	0.041	1	03/27/23 15:22	03/28/23 15:21	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/27/23 15:22	03/28/23 15:21	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44BR-20230322 **Lab ID: 92658638013** Collected: 03/22/23 12:35 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	115	%	61-194		1	03/27/23 15:22	03/28/23 15:21	321-60-8	
Terphenyl-d14 (S)	83	%	69-180		1	03/27/23 15:22	03/28/23 15:21	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		03/26/23 20:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 20:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 20:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 20:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 20:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 20:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 20:57	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 20:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 20:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 20:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 20:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/26/23 20:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 20:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 20:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 20:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 20:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 20:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 20:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 20:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 20:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 20:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 20:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 20:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 20:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 20:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 20:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 20:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 20:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 20:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 20:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 20:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 20:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 20:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 20:57	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44BR-20230322 **Lab ID: 92658638013** Collected: 03/22/23 12:35 Received: 03/23/23 16:10 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 20:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 20:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 20:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 20:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 20:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 20:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/23 20:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 20:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 20:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 20:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 20:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 20:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 20:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 20:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 20:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 20:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 20:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/26/23 20:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 20:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 20:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/26/23 20:57	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/26/23 20:57	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/26/23 20:57	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**97.5**	mg/L	5.0	5.0	1		03/28/23 19:30		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:13	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		03/24/23 22:14	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/25/23 12:37	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.037J**	mg/L	0.040	0.017	1		03/29/23 13:21		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-44BR-20230322 **Lab ID: 92658638013** Collected: 03/22/23 12:35 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.1**	mg/L	1.0	0.50	1		03/28/23 10:47	7440-44-0	
Total Organic Carbon	**0.87J**	mg/L	1.0	0.50	1		03/28/23 10:47	7440-44-0	
Total Organic Carbon	**0.83J**	mg/L	1.0	0.50	1		03/28/23 10:47	7440-44-0	
Total Organic Carbon	**0.80J**	mg/L	1.0	0.50	1		03/28/23 10:47	7440-44-0	
Mean Total Organic Carbon	**0.91J**	mg/L	1.0	0.50	1		03/28/23 10:47	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**62.9**	mg/L	5.0		1		03/28/23 19:46	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-28-20230322 **Lab ID: 92658638014** Collected: 03/22/23 11:16 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/28/23 16:16	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/28/23 16:16	74-85-1	
Methane	**10.8**	ug/L	10.0	5.3	1		03/28/23 16:16	74-82-8	B
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**188**	ug/L	50.0	41.5	1	03/24/23 11:07	03/26/23 21:23	7439-89-6	
Manganese	**139**	ug/L	5.0	3.4	1	03/24/23 11:07	03/26/23 21:23	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**385**	ug/L	50.0	41.5	1	03/24/23 15:00	03/27/23 16:54	7439-89-6	
Manganese, Dissolved	**150**	ug/L	5.0	3.4	1	03/24/23 15:00	03/27/23 16:54	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	03/28/23 11:16	03/30/23 01:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 01:24	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 01:24	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 01:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 01:24	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 01:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 01:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 01:24	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 01:24	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 01:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 01:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 01:24	85-68-7	R1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 01:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 01:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 01:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 01:24	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 01:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 01:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 01:24	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 01:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 01:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 01:24	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 01:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 01:24	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 01:24	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 01:24	105-67-9	M1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 01:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 01:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 01:24	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-28-20230322 **Lab ID: 92658638014** Collected: 03/22/23 11:16 Received: 03/23/23 16:10 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 01:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 01:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 01:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 01:24	117-84-0	R1
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 01:24	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 01:24	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 01:24	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 01:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 01:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 01:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 01:24	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 01:24	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 01:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 01:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 01:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 01:24	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/28/23 11:16	03/30/23 01:24	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 01:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 01:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 01:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 01:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 01:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 01:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 01:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 01:24	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 01:24	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 01:24	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 01:24	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 01:24	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 01:24	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 01:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 01:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-138		1	03/28/23 11:16	03/30/23 01:24	4165-60-0	
2-Fluorobiphenyl (S)	84	%	10-130		1	03/28/23 11:16	03/30/23 01:24	321-60-8	
Terphenyl-d14 (S)	101	%	19-191		1	03/28/23 11:16	03/30/23 01:24	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	03/28/23 11:16	03/30/23 01:24	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/28/23 11:16	03/30/23 01:24	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-164		1	03/28/23 11:16	03/30/23 01:24	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	0.095	0.041	1	03/27/23 15:22	03/28/23 15:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	69-194		1	03/27/23 15:22	03/28/23 15:43	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-28-20230322 **Lab ID: 92658638014** Collected: 03/22/23 11:16 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	106	%	61-194		1	03/27/23 15:22	03/28/23 15:43	321-60-8	
Terphenyl-d14 (S)	99	%	69-180		1	03/27/23 15:22	03/28/23 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		03/27/23 06:07	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 06:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 06:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 06:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 06:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 06:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 06:07	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 06:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 06:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 06:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 06:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/27/23 06:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 06:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 06:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 06:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 06:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 06:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 06:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 06:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 06:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 06:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 06:07	75-71-8	IH
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 06:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 06:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 06:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 06:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 06:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 06:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 06:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 06:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 06:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 06:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 06:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 06:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 06:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 06:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 06:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 06:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 06:07	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-28-20230322 **Lab ID: 92658638014** Collected: 03/22/23 11:16 Received: 03/23/23 16:10 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 06:07	108-10-1	
Methyl-tert-butyl ether	**0.50J**	ug/L	1.0	0.42	1		03/27/23 06:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 06:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 06:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 06:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 06:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 06:07	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 06:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 06:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 06:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 06:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 06:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 06:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 06:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 06:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 06:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 06:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/27/23 06:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 06:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 06:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/23 06:07	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		03/27/23 06:07	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/27/23 06:07	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**38.4**	mg/L	5.0	5.0	1		03/28/23 19:40		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/25/23 02:13	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**23.0**	mg/L	1.0	0.50	1		03/25/23 02:39	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/25/23 12:39	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.20**	mg/L	0.040	0.017	1		03/29/23 13:22		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-28-20230322 **Lab ID: 92658638014** Collected: 03/22/23 11:16 Received: 03/23/23 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/28/23 11:04	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/28/23 11:04	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/28/23 11:04	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/28/23 11:04	7440-44-0	
Mean Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/28/23 11:04	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**65.8**	mg/L	5.0		1		03/28/23 19:46	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41TZ-20230322 **Lab ID: 92658638015** Collected: 03/22/23 09:35 Received: 03/23/23 16:10 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	03/28/23 11:16	03/30/23 02:40	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 02:40	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 02:40	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 02:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 02:40	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 02:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 02:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 02:40	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 02:40	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 02:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 02:40	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 02:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 02:40	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 02:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 02:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 02:40	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 02:40	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 02:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 02:40	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 02:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 02:40	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 02:40	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 02:40	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 02:40	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 02:40	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 02:40	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 02:40	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 02:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 02:40	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 02:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 02:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 02:40	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 02:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 02:40	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 02:40	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 02:40	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 02:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 02:40	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 02:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 02:40	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 02:40	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 02:40	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 02:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 02:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 02:40	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41TZ-20230322 **Lab ID: 92658638015** Collected: 03/22/23 09:35 Received: 03/23/23 16:10 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	03/28/23 11:16	03/30/23 02:40	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 02:40	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 02:40	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 02:40	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 02:40	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 02:40	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 02:40	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 02:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 02:40	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 02:40	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 02:40	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 02:40	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 02:40	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 02:40	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 02:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 02:40	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-138		1	03/28/23 11:16	03/30/23 02:40	4165-60-0	
2-Fluorobiphenyl (S)	66	%	10-130		1	03/28/23 11:16	03/30/23 02:40	321-60-8	
Terphenyl-d14 (S)	91	%	19-191		1	03/28/23 11:16	03/30/23 02:40	1718-51-0	
Phenol-d6 (S)	44	%	10-130		1	03/28/23 11:16	03/30/23 02:40	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/28/23 11:16	03/30/23 02:40	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-164		1	03/28/23 11:16	03/30/23 02:40	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	0.095	0.041	1	03/27/23 15:22	03/28/23 16:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	69-194		1	03/27/23 15:22	03/28/23 16:05	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/27/23 15:22	03/28/23 16:05	321-60-8	
Terphenyl-d14 (S)	102	%	69-180		1	03/27/23 15:22	03/28/23 16:05	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		03/25/23 17:40	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/23 17:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/23 17:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/23 17:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/23 17:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/23 17:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/23 17:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/23 17:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/23 17:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/23 17:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/23 17:40	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41TZ-20230322 **Lab ID: 92658638015** Collected: 03/22/23 09:35 Received: 03/23/23 16:10 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	1.0	0.43	1		03/25/23 17:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/23 17:40	74-87-3	M1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 17:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 17:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/23 17:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/23 17:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/23 17:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 17:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 17:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/23 17:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/23 17:40	75-71-8	L1,M0, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/23 17:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 17:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/23 17:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 17:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/23 17:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/23 17:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/23 17:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/23 17:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/23 17:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 17:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 17:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/23 17:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/23 17:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/23 17:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/23 17:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/23 17:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/23 17:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/23 17:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/23 17:40	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/23 17:40	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/23 17:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/23 17:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/23 17:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/23 17:40	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/23 17:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/23 17:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/23 17:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/23 17:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 17:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 17:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/23 17:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/23 17:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/23 17:40	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41TZ-20230322 **Lab ID: 92658638015** Collected: 03/22/23 09:35 Received: 03/23/23 16:10 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/23 17:40	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/23 17:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/23 17:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/23 17:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/25/23 17:40	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		03/25/23 17:40	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/23 17:40	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-7R-20230322-MS/MSD **Lab ID: 92658638016** Collected: 03/22/23 13:45 Received: 03/23/23 16:10 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	9.1	1.8	1	03/27/23 13:00	03/28/23 10:46	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 10:46	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 10:46	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/27/23 13:00	03/28/23 10:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/27/23 13:00	03/28/23 10:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/27/23 13:00	03/28/23 10:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/27/23 13:00	03/28/23 10:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/27/23 13:00	03/28/23 10:46	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	03/27/23 13:00	03/28/23 10:46	65-85-0	v1
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/27/23 13:00	03/28/23 10:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 10:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/27/23 13:00	03/28/23 10:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/27/23 13:00	03/28/23 10:46	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/27/23 13:00	03/28/23 10:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 10:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 10:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 10:46	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/27/23 13:00	03/28/23 10:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 10:46	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/27/23 13:00	03/28/23 10:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/27/23 13:00	03/28/23 10:46	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 10:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/27/23 13:00	03/28/23 10:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 10:46	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 10:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 10:46	105-67-9	M1
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 10:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 10:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/27/23 13:00	03/28/23 10:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/27/23 13:00	03/28/23 10:46	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 10:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/27/23 13:00	03/28/23 10:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/27/23 13:00	03/28/23 10:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/27/23 13:00	03/28/23 10:46	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 10:46	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	03/27/23 13:00	03/28/23 10:46	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 10:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/27/23 13:00	03/28/23 10:46	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 10:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/27/23 13:00	03/28/23 10:46	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/27/23 13:00	03/28/23 10:46	78-59-1	
1-Methylnaphthalene	**2.6J**	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 10:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 10:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 10:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	03/27/23 13:00	03/28/23 10:46	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-7R-20230322-MS/MSD **Lab ID: 92658638016** Collected: 03/22/23 13:45 Received: 03/23/23 16:10 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	18.2	2.7	1	03/27/23 13:00	03/28/23 10:46	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/27/23 13:00	03/28/23 10:46	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/27/23 13:00	03/28/23 10:46	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 10:46	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 10:46	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/27/23 13:00	03/28/23 10:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/27/23 13:00	03/28/23 10:46	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/27/23 13:00	03/28/23 10:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/27/23 13:00	03/28/23 10:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/27/23 13:00	03/28/23 10:46	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/27/23 13:00	03/28/23 10:46	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	03/27/23 13:00	03/28/23 10:46	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	03/27/23 13:00	03/28/23 10:46	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/27/23 13:00	03/28/23 10:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/27/23 13:00	03/28/23 10:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/27/23 13:00	03/28/23 10:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	10-138		1	03/27/23 13:00	03/28/23 10:46	4165-60-0	
2-Fluorobiphenyl (S)	68	%	10-130		1	03/27/23 13:00	03/28/23 10:46	321-60-8	
Terphenyl-d14 (S)	87	%	19-191		1	03/27/23 13:00	03/28/23 10:46	1718-51-0	
Phenol-d6 (S)	26	%	10-130		1	03/27/23 13:00	03/28/23 10:46	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/27/23 13:00	03/28/23 10:46	367-12-4	
2,4,6-Tribromophenol (S)	84	%	10-164		1	03/27/23 13:00	03/28/23 10:46	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	0.097	0.042	1	03/27/23 15:22	03/28/23 16:26	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	86	%	69-194		1	03/27/23 15:22	03/28/23 16:26	4165-60-0	
2-Fluorobiphenyl (S)	98	%	61-194		1	03/27/23 15:22	03/28/23 16:26	321-60-8	
Terphenyl-d14 (S)	91	%	69-180		1	03/27/23 15:22	03/28/23 16:26	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		03/27/23 06:25	67-64-1	
Benzene	**6.7**	ug/L	1.0	0.34	1		03/27/23 06:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 06:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 06:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 06:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 06:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 06:25	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 06:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 06:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 06:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 06:25	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-7R-20230322-MS/MSD **Lab ID: 92658638016** Collected: 03/22/23 13:45 Received: 03/23/23 16:10 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	1.0	0.43	1		03/27/23 06:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 06:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 06:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 06:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 06:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 06:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 06:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 06:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 06:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 06:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 06:25	75-71-8	IH,M1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 06:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 06:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 06:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 06:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 06:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 06:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 06:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 06:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 06:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 06:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 06:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 06:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 06:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 06:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 06:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 06:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 06:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 06:25	108-10-1	
Methyl-tert-butyl ether	**0.60J**	ug/L	1.0	0.42	1		03/27/23 06:25	1634-04-4	
Naphthalene	**14.6**	ug/L	1.0	0.64	1		03/27/23 06:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 06:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 06:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 06:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 06:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 06:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 06:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 06:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 06:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 06:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 06:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 06:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 06:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 06:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 06:25	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-7R-20230322-MS/MSD **Lab ID: 92658638016** Collected: 03/22/23 13:45 Received: 03/23/23 16:10 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)	**0.76J**	ug/L	1.0	0.34	1		03/27/23 06:25	1330-20-7	
m&p-Xylene	**0.76J**	ug/L	2.0	0.71	1		03/27/23 06:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 06:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/27/23 06:25	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/27/23 06:25	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/27/23 06:25	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37BR-20230322 **Lab ID: 92658638017** Collected: 03/22/23 14:08 Received: 03/23/23 16:10 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	03/28/23 11:16	03/30/23 03:06	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:06	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:06	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 03:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 03:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 03:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 03:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 03:06	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 03:06	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 03:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 03:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 03:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 03:06	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 03:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 03:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:06	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:06	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 03:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:06	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 03:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 03:06	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 03:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 03:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:06	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:06	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 03:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 03:06	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 03:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 03:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 03:06	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:06	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 03:06	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:06	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 03:06	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:06	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 03:06	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37BR-20230322 **Lab ID: 92658638017** Collected: 03/22/23 14:08 Received: 03/23/23 16:10 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	03/28/23 11:16	03/30/23 03:06	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 03:06	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 03:06	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:06	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:06	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 03:06	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:06	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 03:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 03:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 03:06	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 03:06	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:06	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:06	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	88	%	10-138		1	03/28/23 11:16	03/30/23 03:06	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	03/28/23 11:16	03/30/23 03:06	321-60-8	
Terphenyl-d14 (S)	113	%	19-191		1	03/28/23 11:16	03/30/23 03:06	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/28/23 11:16	03/30/23 03:06	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/28/23 11:16	03/30/23 03:06	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-164		1	03/28/23 11:16	03/30/23 03:06	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	0.096	0.041	1	03/27/23 15:22	03/28/23 17:32	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	86	%	69-194		1	03/27/23 15:22	03/28/23 17:32	4165-60-0	
2-Fluorobiphenyl (S)	103	%	61-194		1	03/27/23 15:22	03/28/23 17:32	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	03/27/23 15:22	03/28/23 17:32	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		03/25/23 17:58	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/23 17:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/23 17:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/23 17:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/23 17:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/23 17:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/23 17:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/23 17:58	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/23 17:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/23 17:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/23 17:58	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37BR-20230322 **Lab ID: 92658638017** Collected: 03/22/23 14:08 Received: 03/23/23 16:10 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	1.0	0.43	1		03/25/23 17:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/23 17:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 17:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 17:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/23 17:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/23 17:58	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/23 17:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 17:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 17:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/23 17:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/23 17:58	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/23 17:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 17:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/23 17:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 17:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/23 17:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/23 17:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/23 17:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/23 17:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/23 17:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 17:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 17:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/23 17:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/23 17:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/23 17:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/23 17:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/23 17:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/23 17:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/23 17:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/23 17:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/23 17:58	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/23 17:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/23 17:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/23 17:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/23 17:58	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/23 17:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/23 17:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/23 17:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/23 17:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 17:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 17:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/23 17:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/23 17:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/23 17:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/23 17:58	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-37BR-20230322 **Lab ID: 92658638017** Collected: 03/22/23 14:08 Received: 03/23/23 16:10 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		03/25/23 17:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/23 17:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/23 17:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/25/23 17:58	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		03/25/23 17:58	17060-07-0	
Toluene-d8 (S)	108	%	70-130		1		03/25/23 17:58	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41BR-20230322 **Lab ID: 92658638018** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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	03/28/23 11:16	03/30/23 03:31	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:31	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:31	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 03:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 03:31	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 03:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 03:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 03:31	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 03:31	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 03:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 03:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 03:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 03:31	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 03:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 03:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:31	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:31	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 03:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:31	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 03:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 03:31	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 03:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 03:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:31	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:31	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 03:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 03:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 03:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 03:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 03:31	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:31	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 03:31	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:31	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 03:31	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 03:31	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:31	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 03:31	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41BR-20230322 **Lab ID: 92658638018** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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	03/28/23 11:16	03/30/23 03:31	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 03:31	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 03:31	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:31	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:31	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 03:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 03:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 03:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 03:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 03:31	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 03:31	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 03:31	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:31	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 03:31	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 03:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 03:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	10-138		1	03/28/23 11:16	03/30/23 03:31	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	03/28/23 11:16	03/30/23 03:31	321-60-8	
Terphenyl-d14 (S)	86	%	19-191		1	03/28/23 11:16	03/30/23 03:31	1718-51-0	
Phenol-d6 (S)	43	%	10-130		1	03/28/23 11:16	03/30/23 03:31	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/28/23 11:16	03/30/23 03:31	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-164		1	03/28/23 11:16	03/30/23 03:31	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	0.097	0.042	1	03/27/23 15:22	03/28/23 17:53	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	94	%	69-194		1	03/27/23 15:22	03/28/23 17:53	4165-60-0	
2-Fluorobiphenyl (S)	97	%	61-194		1	03/27/23 15:22	03/28/23 17:53	321-60-8	
Terphenyl-d14 (S)	100	%	69-180		1	03/27/23 15:22	03/28/23 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		03/25/23 18:15	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/23 18:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/23 18:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/23 18:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/23 18:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/23 18:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/23 18:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/23 18:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/23 18:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/23 18:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/23 18:15	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41BR-20230322 **Lab ID: 92658638018** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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	1.0	0.43	1		03/25/23 18:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/23 18:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 18:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/23 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/23 18:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/23 18:15	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/23 18:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/23 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/23 18:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/23 18:15	75-71-8	L1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/23 18:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 18:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/23 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/23 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/23 18:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/23 18:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/23 18:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/23 18:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/23 18:15	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/23 18:15	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/23 18:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/23 18:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/23 18:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/23 18:15	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/23 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/23 18:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/23 18:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/23 18:15	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/23 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/23 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/23 18:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/23 18:15	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/23 18:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/23 18:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/23 18:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/23 18:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/23 18:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/23 18:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/23 18:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/23 18:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/23 18:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/23 18:15	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: MW-41BR-20230322 **Lab ID: 92658638018** Collected: 03/22/23 09:40 Received: 03/23/23 16:10 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		03/25/23 18:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/23 18:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/23 18:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/25/23 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130		1		03/25/23 18:15	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/23 18:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: TB-05-20230322 **Lab ID: 92658638019** Collected: 03/22/23 00:00 Received: 03/23/23 16:10 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		03/26/23 15:42	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 15:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 15:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 15:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 15:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 15:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 15:42	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 15:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 15:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 15:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 15:42	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/26/23 15:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 15:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 15:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 15:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 15:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 15:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 15:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 15:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 15:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 15:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 15:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 15:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 15:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 15:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 15:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 15:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 15:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 15:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 15:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 15:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 15:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 15:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 15:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 15:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 15:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 15:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 15:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 15:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 15:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 15:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 15:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 15:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 15:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 15:42	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: TB-05-20230322 **Lab ID: 92658638019** Collected: 03/22/23 00:00 Received: 03/23/23 16:10 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		03/26/23 15:42	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 15:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 15:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 15:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 15:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 15:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 15:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 15:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 15:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 15:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 15:42	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/26/23 15:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 15:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 15:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/26/23 15:42	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		03/26/23 15:42	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/26/23 15:42	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: TB-06-20230322 **Lab ID: 92658638020** Collected: 03/22/23 00:00 Received: 03/23/23 16:10 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		03/26/23 15:59	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/23 15:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/23 15:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/23 15:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/23 15:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/23 15:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/23 15:59	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/23 15:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/23 15:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/23 15:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/23 15:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/26/23 15:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/23 15:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 15:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/23 15:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/23 15:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/23 15:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/23 15:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 15:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/23 15:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/23 15:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/23 15:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/23 15:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 15:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/23 15:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 15:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/23 15:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/23 15:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/23 15:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/23 15:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/23 15:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 15:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/23 15:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/23 15:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/23 15:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/23 15:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/23 15:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/23 15:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/23 15:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/23 15:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/23 15:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/23 15:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/23 15:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/23 15:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/23 15:59	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Sample: TB-06-20230322 **Lab ID: 92658638020** Collected: 03/22/23 00:00 Received: 03/23/23 16:10 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		03/26/23 15:59	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/23 15:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/23 15:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/23 15:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/23 15:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/23 15:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/23 15:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/23 15:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/23 15:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/23 15:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/23 15:59	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/26/23 15:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/23 15:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/23 15:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/26/23 15:59	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		03/26/23 15:59	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/26/23 15:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763989
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658638005, 92658638013

METHOD BLANK: 3967370 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/27/23 13:39	
Ethene	ug/L	ND	10.0	5.7	03/27/23 13:39	
Methane	ug/L	ND	10.0	5.3	03/27/23 13:39	

LABORATORY CONTROL SAMPLE: 3967371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	532	95	70-130	
Ethene	ug/L	520	496	95	70-130	
Methane	ug/L	297	279	94	70-130	

MATRIX SPIKE SAMPLE: 3967373

Parameter	Units	92658356012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	523	94	70-130	
Ethene	ug/L	ND	520	487	93	70-130	
Methane	ug/L	2760	297	2860	34	70-130	M1

SAMPLE DUPLICATE: 3967372

Parameter	Units	92658356004 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	ND	5.6J		20	

SAMPLE DUPLICATE: 3968031

Parameter	Units	92658554003 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	7.1J	5.4J		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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 764274
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658638014

METHOD BLANK: 3968717 Matrix: Water
Associated Lab Samples: 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/28/23 15:45	
Ethene	ug/L	ND	10.0	5.7	03/28/23 15:45	
Methane	ug/L	5.6J	10.0	5.3	03/28/23 15:45	

LABORATORY CONTROL SAMPLE: 3968718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	563	101	70-130	
Ethene	ug/L	520	525	101	70-130	
Methane	ug/L	297	295	99	70-130	

MATRIX SPIKE SAMPLE: 3968720

Parameter	Units	92658966006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	558	100	70-130	
Ethene	ug/L	ND	520	527	101	70-130	
Methane	ug/L	673	297	1190	173	70-130	M1

SAMPLE DUPLICATE: 3968719

Parameter	Units	92658966005 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	594	526	12	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763543
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3965441 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/27/23 16:00	
Manganese	ug/L	ND	5.0	3.4	03/27/23 16:00	

LABORATORY CONTROL SAMPLE: 3965442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4600	92	80-120	
Manganese	ug/L	500	477	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965443 3965444

Parameter	Units	92658631001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	330	5000	5000	5150	5280	96	99	75-125	2	20	
Manganese	ug/L	9.2	500	500	501	512	98	101	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763706
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3966292 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/27/23 16:12	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/27/23 16:12	

LABORATORY CONTROL SAMPLE: 3966293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	5520	110	80-120	
Manganese, Dissolved	ug/L	500	573	115	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966294 3966295

Parameter	Units	92658356004 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	ND	5000	5000	4790	4910	96	98	75-125	2	20	
Manganese, Dissolved	ug/L	ND	500	500	497	506	99	101	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763737 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658638005, 92658638007, 92658638008, 92658638010, 92658638012, 92658638013, 92658638019, 92658638020

METHOD BLANK: 3966534 Matrix: Water
Associated Lab Samples: 92658638005, 92658638007, 92658638008, 92658638010, 92658638012, 92658638013, 92658638019, 92658638020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/26/23 14:49	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/26/23 14:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/26/23 14:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/26/23 14:49	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/26/23 14:49	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/26/23 14:49	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/26/23 14:49	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/26/23 14:49	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/26/23 14:49	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/26/23 14:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/26/23 14:49	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/26/23 14:49	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/26/23 14:49	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/26/23 14:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/26/23 14:49	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/26/23 14:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/26/23 14:49	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/26/23 14:49	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/26/23 14:49	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/26/23 14:49	
2-Hexanone	ug/L	ND	5.0	0.48	03/26/23 14:49	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/26/23 14:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/26/23 14:49	
Acetone	ug/L	ND	25.0	5.1	03/26/23 14:49	
Benzene	ug/L	ND	1.0	0.34	03/26/23 14:49	
Bromobenzene	ug/L	ND	1.0	0.29	03/26/23 14:49	
Bromochloromethane	ug/L	ND	1.0	0.47	03/26/23 14:49	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/26/23 14:49	
Bromoform	ug/L	ND	1.0	0.34	03/26/23 14:49	
Bromomethane	ug/L	ND	2.0	1.7	03/26/23 14:49	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/26/23 14:49	
Chlorobenzene	ug/L	ND	1.0	0.28	03/26/23 14:49	
Chloroethane	ug/L	ND	1.0	0.65	03/26/23 14:49	
Chloroform	ug/L	ND	1.0	0.43	03/26/23 14:49	
Chloromethane	ug/L	ND	1.0	0.54	03/26/23 14:49	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/26/23 14:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/26/23 14:49	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/26/23 14:49	
Dibromomethane	ug/L	ND	1.0	0.39	03/26/23 14:49	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

METHOD BLANK: 3966534 Matrix: Water
Associated Lab Samples: 92658638005, 92658638007, 92658638008, 92658638010, 92658638012, 92658638013, 92658638019, 92658638020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/26/23 14:49	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/26/23 14:49	
Ethylbenzene	ug/L	ND	1.0	0.30	03/26/23 14:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/26/23 14:49	
m&p-Xylene	ug/L	ND	2.0	0.71	03/26/23 14:49	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/26/23 14:49	
Methylene Chloride	ug/L	ND	5.0	2.0	03/26/23 14:49	
Naphthalene	ug/L	ND	1.0	0.64	03/26/23 14:49	
o-Xylene	ug/L	ND	1.0	0.34	03/26/23 14:49	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/26/23 14:49	
Styrene	ug/L	ND	1.0	0.29	03/26/23 14:49	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/26/23 14:49	
Toluene	ug/L	ND	1.0	0.48	03/26/23 14:49	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/26/23 14:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/26/23 14:49	
Trichloroethene	ug/L	ND	1.0	0.38	03/26/23 14:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/26/23 14:49	
Vinyl acetate	ug/L	ND	2.0	1.3	03/26/23 14:49	
Vinyl chloride	ug/L	ND	1.0	0.39	03/26/23 14:49	
Xylene (Total)	ug/L	ND	1.0	0.34	03/26/23 14:49	
1,2-Dichloroethane-d4 (S)	%	107	70-130		03/26/23 14:49	
4-Bromofluorobenzene (S)	%	97	70-130		03/26/23 14:49	
Toluene-d8 (S)	%	106	70-130		03/26/23 14:49	

LABORATORY CONTROL SAMPLE: 3966535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.1	96	70-130	
1,1,1-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.3	107	70-130	
1,1,2-Trichloroethane	ug/L	20	19.9	99	70-130	
1,1-Dichloroethane	ug/L	20	19.1	96	70-130	
1,1-Dichloroethene	ug/L	20	20.5	102	70-130	
1,1-Dichloropropene	ug/L	20	21.5	107	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.4	102	70-130	
1,2,3-Trichloropropane	ug/L	20	20.0	100	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.1	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.7	99	70-130	
1,2-Dichlorobenzene	ug/L	20	19.7	99	70-130	
1,2-Dichloroethane	ug/L	20	19.5	98	70-130	
1,2-Dichloropropane	ug/L	20	20.6	103	70-130	
1,3-Dichlorobenzene	ug/L	20	19.1	96	70-130	
1,3-Dichloropropane	ug/L	20	20.2	101	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3966535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	19.7	98	70-130	
2-Butanone (MEK)	ug/L	40	42.6	106	70-130	
2-Chlorotoluene	ug/L	20	19.6	98	70-130	
2-Hexanone	ug/L	40	42.4	106	70-130	
4-Chlorotoluene	ug/L	20	20.0	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.7	102	70-130	
Acetone	ug/L	40	45.5	114	70-130	
Benzene	ug/L	20	19.8	99	70-130	
Bromobenzene	ug/L	20	19.2	96	70-130	
Bromochloromethane	ug/L	20	20.6	103	70-130	
Bromodichloromethane	ug/L	20	19.5	97	70-130	
Bromoform	ug/L	20	18.6	93	70-130	
Bromomethane	ug/L	20	15.4	77	70-130	v3
Carbon tetrachloride	ug/L	20	20.0	100	70-130	
Chlorobenzene	ug/L	20	18.8	94	70-130	
Chloroethane	ug/L	20	18.2	91	70-130	
Chloroform	ug/L	20	18.5	92	70-130	
Chloromethane	ug/L	20	22.2	111	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.5	102	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.8	99	70-130	
Dibromochloromethane	ug/L	20	19.9	99	70-130	
Dibromomethane	ug/L	20	20.3	101	70-130	
Dichlorodifluoromethane	ug/L	20	23.6	118	70-130	
Diisopropyl ether	ug/L	20	19.6	98	70-130	
Ethylbenzene	ug/L	20	19.4	97	70-130	
Hexachloro-1,3-butadiene	ug/L	20	20.4	102	70-130	
m&p-Xylene	ug/L	40	38.3	96	70-130	
Methyl-tert-butyl ether	ug/L	20	18.6	93	70-130	
Methylene Chloride	ug/L	20	20.3	102	70-130	
Naphthalene	ug/L	20	20.3	101	70-130	
o-Xylene	ug/L	20	18.5	93	70-130	
p-Isopropyltoluene	ug/L	20	20.0	100	70-130	
Styrene	ug/L	20	19.3	97	70-130	
Tetrachloroethene	ug/L	20	19.1	96	70-130	
Toluene	ug/L	20	19.1	95	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.3	96	70-130	
Trichloroethene	ug/L	20	20.1	100	70-130	
Trichlorofluoromethane	ug/L	20	16.7	83	70-130	
Vinyl acetate	ug/L	40	41.1	103	70-130	
Vinyl chloride	ug/L	20	15.8	79	70-130	
Xylene (Total)	ug/L	60	56.9	95	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			102	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966536 3966537

Parameter	Units	92658445010 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	22.4	23.7	112	118	73-134	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	26.7	124	133	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.6	24.6	118	123	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.8	24.7	119	123	70-135	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	25.5	27.0	128	135	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	28.1	29.2	141	146	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	26.9	29.3	134	147	70-149	9	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	22.0	110	110	70-135	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.6	23.5	113	117	71-137	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	21.4	106	107	73-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.2	21.5	101	107	65-134	6	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.6	102	108	70-133	6	30	
1,2-Dichloroethane	ug/L	ND	20	20	25.4	27.0	127	135	70-137	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	25.3	26.3	126	131	70-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	19.7	21.3	99	106	70-135	8	30	
1,3-Dichloropropane	ug/L	ND	20	20	23.0	24.8	115	124	70-143	7	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.3	20.9	102	104	70-133	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.8	28.0	129	140	61-148	8	30	
2-Butanone (MEK)	ug/L	ND	40	40	49.9	53.5	125	134	60-139	7	30	
2-Chlorotoluene	ug/L	ND	20	20	20.5	22.9	102	114	70-144	11	30	
2-Hexanone	ug/L	ND	40	40	49.9	52.2	125	130	65-138	4	30	
4-Chlorotoluene	ug/L	ND	20	20	20.8	22.9	104	115	70-137	10	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	47.8	50.1	120	125	65-135	5	30	
Acetone	ug/L	ND	40	40	53.8	53.5	134	134	60-148	1	30	
Benzene	ug/L	ND	20	20	24.4	25.7	122	128	70-151	5	30	
Bromobenzene	ug/L	ND	20	20	20.6	21.6	103	108	70-136	5	30	
Bromochloromethane	ug/L	ND	20	20	25.5	26.9	128	134	70-141	5	30	
Bromodichloromethane	ug/L	ND	20	20	23.1	25.3	116	127	70-138	9	30	
Bromoform	ug/L	ND	20	20	21.4	23.0	107	115	63-130	7	30	
Bromomethane	ug/L	ND	20	20	16.7	18.9	83	94	15-152	12	30	v3
Carbon tetrachloride	ug/L	ND	20	20	26.0	27.6	130	138	70-143	6	30	
Chlorobenzene	ug/L	ND	20	20	21.1	23.1	105	115	70-138	9	30	
Chloroethane	ug/L	ND	20	20	23.4	23.9	117	120	52-163	2	30	
Chloroform	ug/L	ND	20	20	23.6	25.7	118	128	70-139	8	30	
Chloromethane	ug/L	ND	20	20	29.7	31.9	149	160	41-139	7	30	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.5	26.5	123	132	70-141	8	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.8	24.8	114	124	70-137	8	30	
Dibromochloromethane	ug/L	ND	20	20	24.0	25.1	120	125	70-134	4	30	
Dibromomethane	ug/L	ND	20	20	22.9	24.6	114	123	70-138	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	36.0	38.5	180	193	47-155	7	30	M1,v1
Diisopropyl ether	ug/L	ND	20	20	23.2	25.1	116	126	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	21.8	23.5	109	118	66-153	8	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.5	25.0	127	125	65-149	2	30	
m&p-Xylene	ug/L	ND	40	40	44.0	47.6	110	119	69-152	8	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966536 3966537

Parameter	Units	92658445010 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	21.8	23.7	109	119	54-156	8	30	
Methylene Chloride	ug/L	ND	20	20	23.2	24.7	116	124	42-159	6	30	
Naphthalene	ug/L	ND	20	20	19.1	21.1	96	106	61-148	10	30	
o-Xylene	ug/L	ND	20	20	21.1	23.7	105	118	70-148	11	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.5	22.4	108	112	70-146	4	30	
Styrene	ug/L	ND	20	20	21.8	23.6	109	118	70-135	8	30	
Tetrachloroethene	ug/L	ND	20	20	21.2	22.5	106	112	59-143	6	30	
Toluene	ug/L	ND	20	20	22.4	23.7	112	119	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	26.6	29.0	133	145	70-146	9	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.2	25.5	116	128	70-135	10	30	
Trichloroethene	ug/L	ND	20	20	23.8	24.9	119	124	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	26.0	27.2	130	136	70-148	5	30	
Vinyl acetate	ug/L	ND	40	40	47.0	50.9	118	127	49-151	8	30	
Vinyl chloride	ug/L	ND	20	20	22.3	23.5	112	118	70-156	5	30	
Xylene (Total)	ug/L	ND	60	60	65.1	71.3	109	119	63-158	9	30	
1,2-Dichloroethane-d4 (S)	%						110	112	70-130			
4-Bromofluorobenzene (S)	%						105	107	70-130			
Toluene-d8 (S)	%						102	101	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763740
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658638015, 92658638017, 92658638018

METHOD BLANK: 3966548 Matrix: Water
Associated Lab Samples: 92658638015, 92658638017, 92658638018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/25/23 11:15	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/25/23 11:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/25/23 11:15	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/25/23 11:15	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/25/23 11:15	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/25/23 11:15	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/25/23 11:15	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/25/23 11:15	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/25/23 11:15	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/25/23 11:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/25/23 11:15	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/23 11:15	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/25/23 11:15	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/25/23 11:15	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/23 11:15	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/25/23 11:15	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/25/23 11:15	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/25/23 11:15	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/25/23 11:15	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/23 11:15	
2-Hexanone	ug/L	ND	5.0	0.48	03/25/23 11:15	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/23 11:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/25/23 11:15	
Acetone	ug/L	ND	25.0	5.1	03/25/23 11:15	
Benzene	ug/L	ND	1.0	0.34	03/25/23 11:15	
Bromobenzene	ug/L	ND	1.0	0.29	03/25/23 11:15	
Bromochloromethane	ug/L	ND	1.0	0.47	03/25/23 11:15	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/25/23 11:15	
Bromoform	ug/L	ND	1.0	0.34	03/25/23 11:15	
Bromomethane	ug/L	ND	2.0	1.7	03/25/23 11:15	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/25/23 11:15	
Chlorobenzene	ug/L	ND	1.0	0.28	03/25/23 11:15	
Chloroethane	ug/L	ND	1.0	0.65	03/25/23 11:15	
Chloroform	ug/L	ND	1.0	0.43	03/25/23 11:15	
Chloromethane	ug/L	ND	1.0	0.54	03/25/23 11:15	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/25/23 11:15	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/23 11:15	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/25/23 11:15	
Dibromomethane	ug/L	ND	1.0	0.39	03/25/23 11:15	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/25/23 11:15	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

METHOD BLANK: 3966548 Matrix: Water
Associated Lab Samples: 92658638015, 92658638017, 92658638018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/25/23 11:15	
Ethylbenzene	ug/L	ND	1.0	0.30	03/25/23 11:15	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/25/23 11:15	
m&p-Xylene	ug/L	ND	2.0	0.71	03/25/23 11:15	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/25/23 11:15	
Methylene Chloride	ug/L	ND	5.0	2.0	03/25/23 11:15	
Naphthalene	ug/L	ND	1.0	0.64	03/25/23 11:15	
o-Xylene	ug/L	ND	1.0	0.34	03/25/23 11:15	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/25/23 11:15	
Styrene	ug/L	ND	1.0	0.29	03/25/23 11:15	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/25/23 11:15	
Toluene	ug/L	ND	1.0	0.48	03/25/23 11:15	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/25/23 11:15	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/23 11:15	
Trichloroethene	ug/L	ND	1.0	0.38	03/25/23 11:15	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/25/23 11:15	
Vinyl acetate	ug/L	ND	2.0	1.3	03/25/23 11:15	
Vinyl chloride	ug/L	ND	1.0	0.39	03/25/23 11:15	
Xylene (Total)	ug/L	ND	1.0	0.34	03/25/23 11:15	
1,2-Dichloroethane-d4 (S)	%	107	70-130		03/25/23 11:15	
4-Bromofluorobenzene (S)	%	97	70-130		03/25/23 11:15	
Toluene-d8 (S)	%	107	70-130		03/25/23 11:15	

LABORATORY CONTROL SAMPLE: 3966549

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.6	98	70-130	
1,1,1-Trichloroethane	ug/L	20	21.2	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	70-130	
1,1,2-Trichloroethane	ug/L	20	21.2	106	70-130	
1,1-Dichloroethane	ug/L	20	20.0	100	70-130	
1,1-Dichloroethene	ug/L	20	20.8	104	70-130	
1,1-Dichloropropene	ug/L	20	22.9	114	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.7	104	70-130	
1,2,3-Trichloropropane	ug/L	20	18.8	94	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.7	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.7	88	70-130	
1,2-Dichlorobenzene	ug/L	20	19.9	99	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	22.0	110	70-130	
1,3-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,3-Dichloropropane	ug/L	20	20.4	102	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	17.6	88	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3966549

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	40.0	100	70-130	
2-Chlorotoluene	ug/L	20	20.7	103	70-130	
2-Hexanone	ug/L	40	40.7	102	70-130	
4-Chlorotoluene	ug/L	20	20.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.2	100	70-130	
Acetone	ug/L	40	41.9	105	70-130	
Benzene	ug/L	20	21.0	105	70-130	
Bromobenzene	ug/L	20	20.3	102	70-130	
Bromochloromethane	ug/L	20	22.3	111	70-130	
Bromodichloromethane	ug/L	20	20.9	104	70-130	
Bromoform	ug/L	20	18.5	92	70-130	
Bromomethane	ug/L	20	18.8	94	70-130	
Carbon tetrachloride	ug/L	20	21.6	108	70-130	
Chlorobenzene	ug/L	20	19.7	99	70-130	
Chloroethane	ug/L	20	18.6	93	70-130	
Chloroform	ug/L	20	20.4	102	70-130	
Chloromethane	ug/L	20	24.3	122	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.8	104	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.4	102	70-130	
Dibromochloromethane	ug/L	20	20.7	103	70-130	
Dibromomethane	ug/L	20	20.6	103	70-130	
Dichlorodifluoromethane	ug/L	20	27.3	136	70-130	L1
Diisopropyl ether	ug/L	20	19.7	98	70-130	
Ethylbenzene	ug/L	20	20.3	101	70-130	
Hexachloro-1,3-butadiene	ug/L	20	19.4	97	70-130	
m&p-Xylene	ug/L	40	40.9	102	70-130	
Methyl-tert-butyl ether	ug/L	20	20.0	100	70-130	
Methylene Chloride	ug/L	20	21.7	109	70-130	
Naphthalene	ug/L	20	20.4	102	70-130	
o-Xylene	ug/L	20	19.9	100	70-130	
p-Isopropyltoluene	ug/L	20	20.2	101	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	18.9	95	70-130	
Toluene	ug/L	20	20.3	101	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.5	108	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.8	104	70-130	
Trichloroethene	ug/L	20	20.4	102	70-130	
Trichlorofluoromethane	ug/L	20	17.6	88	70-130	
Vinyl acetate	ug/L	40	39.2	98	70-130	
Vinyl chloride	ug/L	20	16.3	81	70-130	
Xylene (Total)	ug/L	60	60.9	101	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966550 3966551

Parameter	Units	92658638015 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	21.4	20.7	107	104	73-134	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.2	23.9	126	119	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.3	21.9	111	109	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.8	22.0	114	110	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	25.3	23.4	126	117	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	27.4	27.0	137	135	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	26.3	25.5	132	128	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.5	20.2	103	101	70-135	1	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.9	20.6	105	103	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.8	19.2	94	96	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.1	19.6	101	98	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.0	19.6	95	98	70-133	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	25.3	23.4	126	117	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.0	23.3	115	117	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.4	19.1	92	95	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.0	20.9	110	105	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.2	19.6	96	98	70-133	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.7	23.6	124	118	61-148	5	30	
2-Butanone (MEK)	ug/L	ND	40	40	48.4	50.2	121	125	60-139	4	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	20.6	100	103	70-144	3	30	
2-Hexanone	ug/L	ND	40	40	49.6	46.9	124	117	65-138	6	30	
4-Chlorotoluene	ug/L	ND	20	20	20.1	21.2	100	106	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	49.0	46.7	120	114	65-135	5	30	
Acetone	ug/L	ND	40	40	51.4	51.7	128	129	60-148	1	30	
Benzene	ug/L	ND	20	20	22.4	22.7	112	114	70-151	1	30	
Bromobenzene	ug/L	ND	20	20	20.1	19.6	100	98	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	23.9	23.6	119	118	70-141	1	30	
Bromodichloromethane	ug/L	ND	20	20	22.1	22.0	110	110	70-138	0	30	
Bromoform	ug/L	ND	20	20	20.6	19.3	103	97	63-130	7	30	
Bromomethane	ug/L	ND	20	20	17.1	16.3	86	81	15-152	5	30	v3
Carbon tetrachloride	ug/L	ND	20	20	23.7	24.1	119	120	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	20.0	19.8	100	99	70-138	1	30	
Chloroethane	ug/L	ND	20	20	22.8	22.6	114	113	52-163	1	30	
Chloroform	ug/L	ND	20	20	24.6	22.8	122	112	70-139	8	30	
Chloromethane	ug/L	ND	20	20	28.6	28.3	142	140	41-139	1	30	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.1	24.2	121	121	70-141	0	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.5	21.3	108	107	70-137	1	30	
Dibromochloromethane	ug/L	ND	20	20	22.5	20.5	112	102	70-134	9	30	
Dibromomethane	ug/L	ND	20	20	21.5	21.8	107	109	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	34.6	34.0	173	170	47-155	2	30	M0,v1
Diisopropyl ether	ug/L	ND	20	20	24.5	23.2	122	116	63-144	5	30	
Ethylbenzene	ug/L	ND	20	20	20.4	21.0	102	105	66-153	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.4	22.1	112	111	65-149	1	30	
m&p-Xylene	ug/L	ND	40	40	41.8	41.6	105	104	69-152	0	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966550 3966551

Parameter	Units	92658638015 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	23.0	21.8	115	109	54-156	5	30	
Methylene Chloride	ug/L	ND	20	20	22.7	21.3	114	107	42-159	6	30	
Naphthalene	ug/L	ND	20	20	19.8	20.1	99	101	61-148	2	30	
o-Xylene	ug/L	ND	20	20	20.7	20.0	103	100	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	20.0	20.7	100	103	70-146	4	30	
Styrene	ug/L	ND	20	20	21.1	20.8	106	104	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	20.0	99	100	59-143	1	30	
Toluene	ug/L	ND	20	20	20.9	21.0	105	105	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.3	24.5	127	123	70-146	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.7	22.3	113	111	70-135	2	30	
Trichloroethene	ug/L	ND	20	20	21.8	22.0	109	110	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	26.0	24.1	130	121	70-148	8	30	
Vinyl acetate	ug/L	ND	40	40	48.2	45.4	121	114	49-151	6	30	
Vinyl chloride	ug/L	ND	20	20	21.5	21.2	107	106	70-156	1	30	
Xylene (Total)	ug/L	ND	60	60	62.5	61.6	104	103	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						112	113	70-130			
4-Bromofluorobenzene (S)	%						101	103	70-130			
Toluene-d8 (S)	%						100	102	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763745 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658638001, 92658638003, 92658638004, 92658638006, 92658638009, 92658638011, 92658638014, 92658638016

METHOD BLANK: 3966568 Matrix: Water
Associated Lab Samples: 92658638001, 92658638003, 92658638004, 92658638006, 92658638009, 92658638011, 92658638014, 92658638016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/27/23 03:42	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/27/23 03:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/27/23 03:42	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/27/23 03:42	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/27/23 03:42	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/27/23 03:42	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/27/23 03:42	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/27/23 03:42	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/27/23 03:42	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/27/23 03:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/27/23 03:42	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/27/23 03:42	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/27/23 03:42	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/27/23 03:42	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/27/23 03:42	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/27/23 03:42	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/27/23 03:42	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/27/23 03:42	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/27/23 03:42	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/27/23 03:42	
2-Hexanone	ug/L	ND	5.0	0.48	03/27/23 03:42	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/27/23 03:42	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/27/23 03:42	
Acetone	ug/L	ND	25.0	5.1	03/27/23 03:42	
Benzene	ug/L	ND	1.0	0.34	03/27/23 03:42	
Bromobenzene	ug/L	ND	1.0	0.29	03/27/23 03:42	
Bromochloromethane	ug/L	ND	1.0	0.47	03/27/23 03:42	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/27/23 03:42	
Bromoform	ug/L	ND	1.0	0.34	03/27/23 03:42	
Bromomethane	ug/L	ND	2.0	1.7	03/27/23 03:42	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/27/23 03:42	
Chlorobenzene	ug/L	ND	1.0	0.28	03/27/23 03:42	
Chloroethane	ug/L	ND	1.0	0.65	03/27/23 03:42	
Chloroform	ug/L	ND	1.0	0.43	03/27/23 03:42	
Chloromethane	ug/L	ND	1.0	0.54	03/27/23 03:42	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/27/23 03:42	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/27/23 03:42	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/27/23 03:42	
Dibromomethane	ug/L	ND	1.0	0.39	03/27/23 03:42	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

METHOD BLANK: 3966568 Matrix: Water
Associated Lab Samples: 92658638001, 92658638003, 92658638004, 92658638006, 92658638009, 92658638011, 92658638014, 92658638016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/27/23 03:42	IH
Diisopropyl ether	ug/L	ND	1.0	0.31	03/27/23 03:42	
Ethylbenzene	ug/L	ND	1.0	0.30	03/27/23 03:42	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/27/23 03:42	
m&p-Xylene	ug/L	ND	2.0	0.71	03/27/23 03:42	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/27/23 03:42	
Methylene Chloride	ug/L	ND	5.0	2.0	03/27/23 03:42	
Naphthalene	ug/L	ND	1.0	0.64	03/27/23 03:42	
o-Xylene	ug/L	ND	1.0	0.34	03/27/23 03:42	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/27/23 03:42	
Styrene	ug/L	ND	1.0	0.29	03/27/23 03:42	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/27/23 03:42	
Toluene	ug/L	ND	1.0	0.48	03/27/23 03:42	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/27/23 03:42	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/27/23 03:42	
Trichloroethene	ug/L	ND	1.0	0.38	03/27/23 03:42	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/27/23 03:42	
Vinyl acetate	ug/L	ND	2.0	1.3	03/27/23 03:42	
Vinyl chloride	ug/L	ND	1.0	0.39	03/27/23 03:42	
Xylene (Total)	ug/L	ND	1.0	0.34	03/27/23 03:42	
1,2-Dichloroethane-d4 (S)	%	107	70-130		03/27/23 03:42	
4-Bromofluorobenzene (S)	%	97	70-130		03/27/23 03:42	
Toluene-d8 (S)	%	102	70-130		03/27/23 03:42	

LABORATORY CONTROL SAMPLE: 3966569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.1	100	70-130	
1,1,1-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.3	101	70-130	
1,1,2-Trichloroethane	ug/L	20	21.3	107	70-130	
1,1-Dichloroethane	ug/L	20	21.4	107	70-130	
1,1-Dichloroethene	ug/L	20	21.2	106	70-130	
1,1-Dichloropropene	ug/L	20	21.8	109	70-130	
1,2,3-Trichlorobenzene	ug/L	20	19.6	98	70-130	
1,2,3-Trichloropropane	ug/L	20	20.6	103	70-130	
1,2,4-Trichlorobenzene	ug/L	20	19.5	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.9	104	70-130	
1,2-Dichlorobenzene	ug/L	20	20.1	101	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	20.9	104	70-130	
1,3-Dichlorobenzene	ug/L	20	20.6	103	70-130	
1,3-Dichloropropane	ug/L	20	20.0	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3966569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.4	97	70-130	
2,2-Dichloropropane	ug/L	20	19.7	99	70-130	
2-Butanone (MEK)	ug/L	40	41.0	103	70-130	
2-Chlorotoluene	ug/L	20	19.7	99	70-130	
2-Hexanone	ug/L	40	43.5	109	70-130	
4-Chlorotoluene	ug/L	20	19.3	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	42.8	107	70-130	
Acetone	ug/L	40	40.5	101	70-130	
Benzene	ug/L	20	21.0	105	70-130	
Bromobenzene	ug/L	20	19.4	97	70-130	
Bromochloromethane	ug/L	20	20.4	102	70-130	
Bromodichloromethane	ug/L	20	20.9	105	70-130	
Bromoform	ug/L	20	20.4	102	70-130	
Bromomethane	ug/L	20	14.5	72	70-130	v3
Carbon tetrachloride	ug/L	20	20.4	102	70-130	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	20.7	103	70-130	
Chloroform	ug/L	20	22.1	110	70-130	
Chloromethane	ug/L	20	22.2	111	70-130	
cis-1,2-Dichloroethene	ug/L	20	21.3	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.9	105	70-130	
Dibromochloromethane	ug/L	20	20.4	102	70-130	
Dibromomethane	ug/L	20	20.2	101	70-130	
Dichlorodifluoromethane	ug/L	20	25.3	126	70-130	IH
Diisopropyl ether	ug/L	20	20.2	101	70-130	
Ethylbenzene	ug/L	20	19.5	97	70-130	
Hexachloro-1,3-butadiene	ug/L	20	19.9	100	70-130	
m&p-Xylene	ug/L	40	40.1	100	70-130	
Methyl-tert-butyl ether	ug/L	20	19.9	99	70-130	
Methylene Chloride	ug/L	20	20.6	103	70-130	
Naphthalene	ug/L	20	21.3	107	70-130	
o-Xylene	ug/L	20	19.7	98	70-130	
p-Isopropyltoluene	ug/L	20	20.5	103	70-130	
Styrene	ug/L	20	20.2	101	70-130	
Tetrachloroethene	ug/L	20	19.1	95	70-130	
Toluene	ug/L	20	19.8	99	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.0	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.9	105	70-130	
Trichloroethene	ug/L	20	20.1	100	70-130	
Trichlorofluoromethane	ug/L	20	19.5	98	70-130	
Vinyl acetate	ug/L	40	43.4	108	70-130	
Vinyl chloride	ug/L	20	18.5	93	70-130	
Xylene (Total)	ug/L	60	59.8	100	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966570 3966571

Parameter	Units	92658638016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.7	22.7	93	114	73-134	20	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.5	23.0	97	115	82-143	16	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.9	21.4	90	107	70-136	18	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.9	22.2	89	111	70-135	22	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.7	23.4	98	117	70-139	17	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.8	26.9	109	134	70-154	21	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.0	25.2	110	126	70-149	14	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.8	20.7	99	104	70-135	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.1	20.1	86	101	71-137	16	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.2	22.2	96	111	73-140	15	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.0	21.3	90	106	65-134	17	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.8	21.9	94	109	70-133	15	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	20.9	90	104	70-137	15	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.0	22.4	90	112	70-140	22	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.8	22.4	94	112	70-135	18	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.6	19.9	88	100	70-143	12	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	21.9	94	110	70-133	15	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.8	25.2	99	126	61-148	24	30	
2-Butanone (MEK)	ug/L	ND	40	40	33.1	38.2	83	96	60-139	15	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	22.5	92	113	70-144	20	30	
2-Hexanone	ug/L	ND	40	40	34.3	41.1	86	103	65-138	18	30	
4-Chlorotoluene	ug/L	ND	20	20	18.1	22.1	90	110	70-137	20	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	31.4	38.7	78	97	65-135	21	30	
Acetone	ug/L	ND	40	40	31.2	40.4	76	99	60-148	26	30	
Benzene	ug/L	6.7	20	20	27.4	30.4	103	118	70-151	10	30	
Bromobenzene	ug/L	ND	20	20	17.9	21.6	90	108	70-136	19	30	
Bromochloromethane	ug/L	ND	20	20	19.8	24.3	99	122	70-141	21	30	
Bromodichloromethane	ug/L	ND	20	20	17.3	21.4	87	107	70-138	21	30	
Bromoform	ug/L	ND	20	20	17.2	20.4	86	102	63-130	17	30	
Bromomethane	ug/L	ND	20	20	18.9	24.1	95	120	15-152	24	30	
Carbon tetrachloride	ug/L	ND	20	20	19.3	23.7	96	119	70-143	21	30	
Chlorobenzene	ug/L	ND	20	20	18.6	22.8	93	114	70-138	20	30	
Chloroethane	ug/L	ND	20	20	21.0	26.6	105	133	52-163	24	30	
Chloroform	ug/L	ND	20	20	19.9	24.3	99	121	70-139	20	30	
Chloromethane	ug/L	ND	20	20	19.7	24.5	99	123	41-139	22	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.3	23.7	96	119	70-141	21	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.2	22.0	86	110	70-137	24	30	
Dibromochloromethane	ug/L	ND	20	20	18.2	20.1	91	101	70-134	10	30	
Dibromomethane	ug/L	ND	20	20	18.1	21.2	90	106	70-138	16	30	
Dichlorodifluoromethane	ug/L	ND	20	20	28.3	35.0	141	175	47-155	21	30	IH,M1
Diisopropyl ether	ug/L	ND	20	20	17.8	22.3	89	112	63-144	23	30	
Ethylbenzene	ug/L	ND	20	20	18.6	21.8	92	109	66-153	16	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.5	23.7	97	119	65-149	20	30	
m&p-Xylene	ug/L	0.76J	40	40	38.5	45.5	94	112	69-152	17	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966570 3966571

Parameter	Units	92658638016 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	0.60J	20	20	18.3	22.4	89	109	54-156	20	30	
Methylene Chloride	ug/L	ND	20	20	17.2	21.1	82	101	42-159	20	30	
Naphthalene	ug/L	14.6	20	20	39.3	39.8	123	126	61-148	1	30	
o-Xylene	ug/L	ND	20	20	19.0	22.3	95	111	70-148	16	30	
p-Isopropyltoluene	ug/L	ND	20	20	19.6	23.9	98	119	70-146	20	30	
Styrene	ug/L	ND	20	20	19.0	23.0	95	115	70-135	19	30	
Tetrachloroethene	ug/L	ND	20	20	19.1	21.9	95	109	59-143	14	30	
Toluene	ug/L	ND	20	20	17.7	21.8	88	109	59-148	21	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.7	24.1	103	121	70-146	15	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.0	21.3	85	107	70-135	23	30	
Trichloroethene	ug/L	ND	20	20	19.8	22.9	99	115	70-147	14	30	
Trichlorofluoromethane	ug/L	ND	20	20	21.2	27.1	106	135	70-148	24	30	
Vinyl acetate	ug/L	ND	40	40	35.9	45.1	90	113	49-151	23	30	
Vinyl chloride	ug/L	ND	20	20	18.2	22.6	91	113	70-156	22	30	
Xylene (Total)	ug/L	0.76J	60	60	57.5	67.8	95	112	63-158	16	30	
1,2-Dichloroethane-d4 (S)	%						91	97	70-130			
4-Bromofluorobenzene (S)	%						97	98	70-130			
Toluene-d8 (S)	%						94	98	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 764311
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658638002

METHOD BLANK: 3968989 Matrix: Water
Associated Lab Samples: 92658638002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/29/23 14:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/29/23 14:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/29/23 14:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/29/23 14:02	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/29/23 14:02	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/29/23 14:02	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/29/23 14:02	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/29/23 14:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/29/23 14:02	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/29/23 14:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/29/23 14:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/29/23 14:02	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/29/23 14:02	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/29/23 14:02	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/29/23 14:02	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/29/23 14:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/29/23 14:02	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/29/23 14:02	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/29/23 14:02	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/29/23 14:02	
2-Hexanone	ug/L	ND	5.0	0.48	03/29/23 14:02	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/29/23 14:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/29/23 14:02	
Acetone	ug/L	ND	25.0	5.1	03/29/23 14:02	
Benzene	ug/L	ND	1.0	0.34	03/29/23 14:02	
Bromobenzene	ug/L	ND	1.0	0.29	03/29/23 14:02	
Bromochloromethane	ug/L	ND	1.0	0.47	03/29/23 14:02	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/29/23 14:02	
Bromoform	ug/L	ND	1.0	0.34	03/29/23 14:02	
Bromomethane	ug/L	ND	2.0	1.7	03/29/23 14:02	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/29/23 14:02	
Chlorobenzene	ug/L	ND	1.0	0.28	03/29/23 14:02	
Chloroethane	ug/L	ND	1.0	0.65	03/29/23 14:02	
Chloroform	ug/L	ND	1.0	0.43	03/29/23 14:02	
Chloromethane	ug/L	ND	1.0	0.54	03/29/23 14:02	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/29/23 14:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/29/23 14:02	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/29/23 14:02	
Dibromomethane	ug/L	ND	1.0	0.39	03/29/23 14:02	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/29/23 14:02	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

METHOD BLANK: 3968989 Matrix: Water
Associated Lab Samples: 92658638002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/29/23 14:02	
Ethylbenzene	ug/L	ND	1.0	0.30	03/29/23 14:02	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/29/23 14:02	
m&p-Xylene	ug/L	ND	2.0	0.71	03/29/23 14:02	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/29/23 14:02	
Methylene Chloride	ug/L	ND	5.0	2.0	03/29/23 14:02	
Naphthalene	ug/L	ND	1.0	0.64	03/29/23 14:02	
o-Xylene	ug/L	ND	1.0	0.34	03/29/23 14:02	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/29/23 14:02	
Styrene	ug/L	ND	1.0	0.29	03/29/23 14:02	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/29/23 14:02	
Toluene	ug/L	ND	1.0	0.48	03/29/23 14:02	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/29/23 14:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/29/23 14:02	
Trichloroethene	ug/L	ND	1.0	0.38	03/29/23 14:02	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/29/23 14:02	
Vinyl acetate	ug/L	ND	2.0	1.3	03/29/23 14:02	
Vinyl chloride	ug/L	ND	1.0	0.39	03/29/23 14:02	
Xylene (Total)	ug/L	ND	1.0	0.34	03/29/23 14:02	
1,2-Dichloroethane-d4 (S)	%	104	70-130		03/29/23 14:02	
4-Bromofluorobenzene (S)	%	97	70-130		03/29/23 14:02	
Toluene-d8 (S)	%	100	70-130		03/29/23 14:02	

LABORATORY CONTROL SAMPLE: 3968990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.8	104	70-130	
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	70-130	
1,1,2-Trichloroethane	ug/L	20	21.7	108	70-130	
1,1-Dichloroethane	ug/L	20	18.3	92	70-130	
1,1-Dichloroethene	ug/L	20	18.4	92	70-130	
1,1-Dichloropropene	ug/L	20	19.3	97	70-130	
1,2,3-Trichlorobenzene	ug/L	20	22.5	112	70-130	
1,2,3-Trichloropropane	ug/L	20	21.0	105	70-130	
1,2,4-Trichlorobenzene	ug/L	20	22.2	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	22.7	114	70-130	
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	19.6	98	70-130	
1,2-Dichloropropane	ug/L	20	20.1	100	70-130	
1,3-Dichlorobenzene	ug/L	20	21.4	107	70-130	
1,3-Dichloropropane	ug/L	20	19.8	99	70-130	
1,4-Dichlorobenzene	ug/L	20	21.4	107	70-130	
2,2-Dichloropropane	ug/L	20	18.7	94	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3968990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	40.9	102	70-130	
2-Chlorotoluene	ug/L	20	20.9	104	70-130	
2-Hexanone	ug/L	40	45.2	113	70-130	
4-Chlorotoluene	ug/L	20	21.2	106	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	44.5	111	70-130	
Acetone	ug/L	40	38.4	96	70-130	
Benzene	ug/L	20	18.2	91	70-130	
Bromobenzene	ug/L	20	20.5	103	70-130	
Bromochloromethane	ug/L	20	19.3	97	70-130	
Bromodichloromethane	ug/L	20	19.4	97	70-130	
Bromoform	ug/L	20	20.8	104	70-130	
Bromomethane	ug/L	20	16.0	80	70-130	
Carbon tetrachloride	ug/L	20	18.5	93	70-130	
Chlorobenzene	ug/L	20	20.5	103	70-130	
Chloroethane	ug/L	20	17.3	86	70-130	
Chloroform	ug/L	20	18.3	92	70-130	
Chloromethane	ug/L	20	18.5	93	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.9	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.6	103	70-130	
Dibromochloromethane	ug/L	20	20.5	103	70-130	
Dibromomethane	ug/L	20	20.2	101	70-130	
Dichlorodifluoromethane	ug/L	20	20.1	101	70-130	
Diisopropyl ether	ug/L	20	18.8	94	70-130	
Ethylbenzene	ug/L	20	19.9	99	70-130	
Hexachloro-1,3-butadiene	ug/L	20	22.1	110	70-130	
m&p-Xylene	ug/L	40	40.5	101	70-130	
Methyl-tert-butyl ether	ug/L	20	18.5	92	70-130	
Methylene Chloride	ug/L	20	19.3	97	70-130	
Naphthalene	ug/L	20	23.9	120	70-130	
o-Xylene	ug/L	20	20.5	103	70-130	
p-Isopropyltoluene	ug/L	20	21.8	109	70-130	
Styrene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	19.5	97	70-130	
Toluene	ug/L	20	19.5	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.4	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.8	104	70-130	
Trichloroethene	ug/L	20	18.9	95	70-130	
Trichlorofluoromethane	ug/L	20	16.7	83	70-130	
Vinyl acetate	ug/L	40	38.7	97	70-130	
Vinyl chloride	ug/L	20	14.6	73	70-130	
Xylene (Total)	ug/L	60	61.1	102	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968991 3968992

Parameter	Units	92658966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	17.9J	21.1J	2	3	73-134		30	M1
1,1,1-Trichloroethane	ug/L	ND	800	800	15.9J	16.9J	2	2	82-143		30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	20.0J	22.2J	3	3	70-136		30	M1
1,1,2-Trichloroethane	ug/L	ND	800	800	17.6J	18.7J	2	2	70-135		30	M1
1,1-Dichloroethane	ug/L	ND	800	800	15.2J	16.1J	2	2	70-139		30	M1
1,1-Dichloroethene	ug/L	ND	800	800	16.4J	ND	2	2	70-154		30	M1
1,1-Dichloropropene	ug/L	ND	800	800	ND	ND	2	2	70-149		30	M1
1,2,3-Trichlorobenzene	ug/L	ND	800	800	ND	ND	3	3	70-135		30	M1
1,2,3-Trichloropropane	ug/L	ND	800	800	13.3J	12.3J	2	2	71-137		30	M1
1,2,4-Trichlorobenzene	ug/L	ND	800	800	ND	ND	3	3	73-140		30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	22.0J	21.7J	3	3	65-134		30	M1
1,2-Dichlorobenzene	ug/L	ND	800	800	23.0J	22.3J	3	3	70-133		30	M1
1,2-Dichloroethane	ug/L	ND	800	800	16.8J	19.3J	2	2	70-137		30	M1
1,2-Dichloropropane	ug/L	ND	800	800	16.8J	17.9J	2	2	70-140		30	M1
1,3-Dichlorobenzene	ug/L	ND	800	800	22.2J	21.8J	3	3	70-135		30	M1
1,3-Dichloropropane	ug/L	ND	800	800	19.1J	19.6J	2	2	70-143		30	M1
1,4-Dichlorobenzene	ug/L	ND	800	800	23.6J	24.4J	3	3	70-133		30	M1
2,2-Dichloropropane	ug/L	ND	800	800	16.4J	ND	2	2	61-148		30	M1
2-Butanone (MEK)	ug/L	ND	1600	1600	ND	ND	2	2	60-139		30	M1
2-Chlorotoluene	ug/L	ND	800	800	30.0J	30.1J	4	4	70-144		30	M1
2-Hexanone	ug/L	ND	1600	1600	35.3J	38.7J	2	2	65-138		30	M1
4-Chlorotoluene	ug/L	ND	800	800	19.9J	21.6J	2	3	70-137		30	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1600	1600	ND	ND	2	3	65-135		30	M1
Acetone	ug/L	ND	1600	1600	ND	ND	3	3	60-148		30	M1
Benzene	ug/L	575	800	800	591	589	2	2	70-151	0	30	M1
Bromobenzene	ug/L	ND	800	800	20.3J	20.3J	3	3	70-136		30	M1
Bromochloromethane	ug/L	ND	800	800	ND	ND	1	2	70-141		30	M1
Bromodichloromethane	ug/L	ND	800	800	18.1J	16.8J	2	2	70-138		30	M1
Bromoform	ug/L	ND	800	800	16.0J	20.4J	2	3	63-130		30	M1
Bromomethane	ug/L	ND	800	800	ND	ND	1	2	15-152		30	M1
Carbon tetrachloride	ug/L	ND	800	800	15.8J	14.2J	2	2	70-143		30	M1
Chlorobenzene	ug/L	ND	800	800	20.7J	20.6J	3	3	70-138		30	M1
Chloroethane	ug/L	ND	800	800	ND	ND	2	2	52-163		30	M1
Chloroform	ug/L	ND	800	800	18.8J	21.0J	2	3	70-139		30	M1
Chloromethane	ug/L	ND	800	800	ND	ND	2	2	41-139		30	M1
cis-1,2-Dichloroethene	ug/L	ND	800	800	17.8J	16.6J	2	2	70-141		30	M1
cis-1,3-Dichloropropene	ug/L	ND	800	800	16.9J	17.2J	2	2	70-137		30	M1
Dibromochloromethane	ug/L	ND	800	800	17.8J	17.7J	2	2	70-134		30	M1
Dibromomethane	ug/L	ND	800	800	17.2J	ND	2	2	70-138		30	M1
Dichlorodifluoromethane	ug/L	ND	800	800	ND	ND	2	1	47-155		30	M1
Diisopropyl ether	ug/L	ND	800	800	16.7J	18.2J	2	2	63-144		30	M1
Ethylbenzene	ug/L	174	800	800	196	191	3	2	66-153	3	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	800	800	ND	ND	2	3	65-149		30	M1
m&p-Xylene	ug/L	135	1600	1600	180	179	3	3	69-152	1	30	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968991 3968992

Parameter	Units	92658966001 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	800	800	17.6J	17.3J	2	2	54-156		30	M1
Methylene Chloride	ug/L	ND	800	800	ND	ND	4	4	42-159		30	M1
Naphthalene	ug/L	4450	800	800	4690	4690	30	30	61-148	0	30	M1
o-Xylene	ug/L	75.2	800	800	92.8	90.2	2	2	70-148	3	30	M1
p-Isopropyltoluene	ug/L	ND	800	800	22.7J	21.6J	3	3	70-146		30	M1
Styrene	ug/L	49.2	800	800	68.6	67.0	2	2	70-135	2	30	M1
Tetrachloroethene	ug/L	ND	800	800	21.2J	20.4J	3	3	59-143		30	M1
Toluene	ug/L	171	800	800	191	190	3	2	59-148	1	30	M1
trans-1,2-Dichloroethene	ug/L	ND	800	800	ND	ND	2	2	70-146		30	M1
trans-1,3-Dichloropropene	ug/L	ND	800	800	15.9J	16.3J	2	2	70-135		30	M1
Trichloroethene	ug/L	ND	800	800	16.5J	16.1J	2	2	70-147		30	M1
Trichlorofluoromethane	ug/L	ND	800	800	14.9J	12.2J	2	2	70-148		30	M1
Vinyl acetate	ug/L	ND	1600	1600	ND	ND	2	2	49-151		30	M1
Vinyl chloride	ug/L	ND	800	800	ND	ND	1	1	70-156		30	M1
Xylene (Total)	ug/L	210	2400	2400	273	269	3	2	63-158	1	30	MS
1,2-Dichloroethane-d4 (S)	%						103	101	70-130			
4-Bromofluorobenzene (S)	%						98	98	70-130			
Toluene-d8 (S)	%						100	99	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763974 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658638001, 92658638002, 92658638003, 92658638004, 92658638005, 92658638006, 92658638007, 92658638008, 92658638009, 92658638010, 92658638011, 92658638012, 92658638013, 92658638016

METHOD BLANK: 3967323 Matrix: Water

Associated Lab Samples: 92658638001, 92658638002, 92658638003, 92658638004, 92658638005, 92658638006, 92658638007, 92658638008, 92658638009, 92658638010, 92658638011, 92658638012, 92658638013, 92658638016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/28/23 09:29	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/28/23 09:29	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/28/23 09:29	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/28/23 09:29	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/28/23 09:29	v1
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/28/23 09:29	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/28/23 09:29	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/28/23 09:29	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/28/23 09:29	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/28/23 09:29	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/28/23 09:29	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/28/23 09:29	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/28/23 09:29	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/28/23 09:29	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/28/23 09:29	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/28/23 09:29	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/28/23 09:29	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/28/23 09:29	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/28/23 09:29	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/28/23 09:29	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/28/23 09:29	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/28/23 09:29	
Acenaphthene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Acenaphthylene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Aniline	ug/L	ND	10.0	1.6	03/28/23 09:29	
Anthracene	ug/L	ND	10.0	2.3	03/28/23 09:29	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/28/23 09:29	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/28/23 09:29	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/28/23 09:29	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/28/23 09:29	
Benzoic Acid	ug/L	ND	50.0	22.0	03/28/23 09:29	v1
Benzyl alcohol	ug/L	ND	20.0	2.9	03/28/23 09:29	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/28/23 09:29	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/28/23 09:29	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/28/23 09:29	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/28/23 09:29	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

METHOD BLANK: 3967323 Matrix: Water
Associated Lab Samples: 92658638001, 92658638002, 92658638003, 92658638004, 92658638005, 92658638006, 92658638007, 92658638008, 92658638009, 92658638010, 92658638011, 92658638012, 92658638013, 92658638016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	03/28/23 09:29	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/28/23 09:29	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/28/23 09:29	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/28/23 09:29	
Dibenzofuran	ug/L	ND	10.0	2.1	03/28/23 09:29	
Diethylphthalate	ug/L	ND	10.0	2.0	03/28/23 09:29	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/28/23 09:29	
Fluoranthene	ug/L	ND	10.0	2.2	03/28/23 09:29	
Fluorene	ug/L	ND	10.0	2.1	03/28/23 09:29	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/28/23 09:29	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/28/23 09:29	
Hexachloroethane	ug/L	ND	10.0	1.4	03/28/23 09:29	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/28/23 09:29	
Isophorone	ug/L	ND	10.0	1.7	03/28/23 09:29	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/28/23 09:29	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/28/23 09:29	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/28/23 09:29	
Nitrobenzene	ug/L	ND	10.0	1.9	03/28/23 09:29	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/28/23 09:29	
Phenanthrene	ug/L	ND	10.0	2.0	03/28/23 09:29	
Phenol	ug/L	ND	10.0	1.4	03/28/23 09:29	
Pyrene	ug/L	ND	10.0	2.2	03/28/23 09:29	
2,4,6-Tribromophenol (S)	%	73	10-164		03/28/23 09:29	
2-Fluorobiphenyl (S)	%	62	10-130		03/28/23 09:29	
2-Fluorophenol (S)	%	59	10-130		03/28/23 09:29	
Nitrobenzene-d5 (S)	%	75	10-138		03/28/23 09:29	
Phenol-d6 (S)	%	50	10-130		03/28/23 09:29	
Terphenyl-d14 (S)	%	82	19-191		03/28/23 09:29	

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.7	87	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	38.8	78	21-135	
2,4,5-Trichlorophenol	ug/L	50	44.4	89	38-147	
2,4,6-Trichlorophenol	ug/L	50	42.9	86	34-142	
2,4-Dichlorophenol	ug/L	50	42.0	84	36-136	
2,4-Dimethylphenol	ug/L	50	66.7	133	38-134	
2,4-Dinitrophenol	ug/L	250	247	99	10-169	v1
2,4-Dinitrotoluene	ug/L	50	46.9	94	44-154	
2,6-Dinitrotoluene	ug/L	50	45.2	90	44-156	
2-Chloronaphthalene	ug/L	50	38.1	76	25-130	
2-Chlorophenol	ug/L	50	40.5	81	29-130	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	41.1	82	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.6	83	31-130	
2-Nitroaniline	ug/L	100	84.4	84	39-145	
2-Nitrophenol	ug/L	50	44.6	89	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.0	82	30-130	
3,3'-Dichlorobenzidine	ug/L	100	83.2	83	44-158	
3-Nitroaniline	ug/L	100	89.4	89	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	85.9	86	39-158	
4-Bromophenylphenyl ether	ug/L	50	38.1	76	47-147	
4-Chloro-3-methylphenol	ug/L	100	90.8	91	40-138	
4-Chloroaniline	ug/L	100	78.9	79	35-130	
4-Chlorophenylphenyl ether	ug/L	50	40.8	82	36-139	
4-Nitroaniline	ug/L	100	94.7	95	46-157	
4-Nitrophenol	ug/L	250	155	62	17-130	
Acenaphthene	ug/L	50	40.7	81	34-135	
Acenaphthylene	ug/L	50	40.5	81	35-137	
Aniline	ug/L	50	30.7	61	25-130	
Anthracene	ug/L	50	37.1	74	47-146	
Benzo(a)anthracene	ug/L	50	41.0	82	48-160	
Benzo(b)fluoranthene	ug/L	50	39.9	80	49-171	
Benzo(g,h,i)perylene	ug/L	50	38.4	77	46-166	
Benzo(k)fluoranthene	ug/L	50	39.7	79	55-162	
Benzoic Acid	ug/L	250	165	66	10-130	v1
Benzyl alcohol	ug/L	100	84.6	85	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	42.1	84	33-136	
bis(2-Chloroethyl) ether	ug/L	50	40.8	82	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.5	83	46-173	
Butylbenzylphthalate	ug/L	50	42.7	85	53-169	
Chrysene	ug/L	50	38.8	78	54-152	
Di-n-butylphthalate	ug/L	50	43.2	86	49-161	
Di-n-octylphthalate	ug/L	50	44.7	89	50-166	
Dibenz(a,h)anthracene	ug/L	50	39.5	79	46-166	
Dibenzofuran	ug/L	50	39.6	79	37-136	
Diethylphthalate	ug/L	50	44.0	88	45-149	
Dimethylphthalate	ug/L	50	42.5	85	43-145	
Fluoranthene	ug/L	50	43.0	86	50-153	
Fluorene	ug/L	50	42.1	84	42-142	
Hexachlorobenzene	ug/L	50	37.8	76	44-138	
Hexachlorocyclopentadiene	ug/L	50	39.7	79	10-130	
Hexachloroethane	ug/L	50	39.2	78	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	39.3	79	46-166	
Isophorone	ug/L	50	45.4	91	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	45.2	90	33-140	
N-Nitrosodimethylamine	ug/L	50	41.0	82	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	39.2	78	46-144	
Nitrobenzene	ug/L	50	40.9	82	33-133	
Pentachlorophenol	ug/L	100	87.9	88	21-163	

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3967324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	40.4	81	47-146	
Phenol	ug/L	50	31.8	64	19-130	
Pyrene	ug/L	50	39.3	79	53-155	
2,4,6-Tribromophenol (S)	%			92	10-164	
2-Fluorobiphenyl (S)	%			86	10-130	
2-Fluorophenol (S)	%			70	10-130	
Nitrobenzene-d5 (S)	%			92	10-138	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			89	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967325 3967326

Parameter	Units	92658638016 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	2.6J	90.9	90.9	80.9	91.4	86	98	10-131	12	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	90.9	90.9	76.3	81.6	84	90	11-143	7	30	
2,4,5-Trichlorophenol	ug/L	ND	90.9	90.9	90.8	93.2	100	103	10-170	3	30	
2,4,6-Trichlorophenol	ug/L	ND	90.9	90.9	88.0	88.7	97	98	10-166	1	30	
2,4-Dichlorophenol	ug/L	ND	90.9	90.9	83.8	87.9	92	97	10-153	5	30	
2,4-Dimethylphenol	ug/L	ND	90.9	90.9	142	139	156	153	20-147	2	30	M1
2,4-Dinitrophenol	ug/L	ND	455	455	561	578	123	127	10-172	3	30	v1
2,4-Dinitrotoluene	ug/L	ND	90.9	90.9	105	109	115	120	30-164	4	30	
2,6-Dinitrotoluene	ug/L	ND	90.9	90.9	96.0	102	106	112	31-163	6	30	
2-Chloronaphthalene	ug/L	ND	90.9	90.9	79.0	85.7	87	94	15-134	8	30	
2-Chlorophenol	ug/L	ND	90.9	90.9	80.2	82.3	88	90	10-139	3	30	
2-Methylnaphthalene	ug/L	ND	90.9	90.9	76.9	91.1	85	100	12-130	17	30	
2-Methylphenol(o-Cresol)	ug/L	ND	90.9	90.9	88.9	86.1	98	95	19-132	3	30	
2-Nitroaniline	ug/L	ND	182	182	184	188	101	103	23-154	2	30	
2-Nitrophenol	ug/L	ND	90.9	90.9	87.7	91.2	96	100	10-159	4	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	90.9	90.9	88.3	85.5	97	94	13-136	3	30	
3,3'-Dichlorobenzidine	ug/L	ND	182	182	179	188	99	103	10-178	5	30	
3-Nitroaniline	ug/L	ND	182	182	197	203	108	112	20-166	3	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	182	182	196	204	108	112	10-187	4	30	
4-Bromophenylphenyl ether	ug/L	ND	90.9	90.9	81.3	83.0	89	91	31-157	2	30	
4-Chloro-3-methylphenol	ug/L	ND	182	182	192	193	106	106	27-146	0	30	
4-Chloroaniline	ug/L	ND	182	182	162	173	89	95	13-143	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	90.9	90.9	86.1	88.6	95	97	23-149	3	30	
4-Nitroaniline	ug/L	ND	182	182	207	216	114	119	24-171	4	30	
4-Nitrophenol	ug/L	ND	455	455	328	351	72	77	10-130	7	30	
Acenaphthene	ug/L	ND	90.9	90.9	83.4	88.8	90	96	21-147	6	30	
Acenaphthylene	ug/L	ND	90.9	90.9	83.2	88.3	91	97	19-150	6	30	
Aniline	ug/L	ND	90.9	90.9	50.5	57.7	56	64	10-130	13	30	
Anthracene	ug/L	ND	90.9	90.9	76.0	79.4	84	87	36-152	4	30	
Benzo(a)anthracene	ug/L	ND	90.9	90.9	93.0	97.5	102	107	42-163	5	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967325 3967326

Parameter	Units	92658638016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(b)fluoranthene	ug/L	ND	90.9	90.9	89.7	95.0	99	105	40-177	6	30	
Benzo(g,h,i)perylene	ug/L	ND	90.9	90.9	88.4	94.0	97	103	38-174	6	30	
Benzo(k)fluoranthene	ug/L	ND	90.9	90.9	87.7	92.6	96	102	41-171	6	30	
Benzoic Acid	ug/L	ND	455	455	340	359	75	79	10-130	5	30	v1
Benzyl alcohol	ug/L	ND	182	182	179	187	98	103	18-141	4	30	
bis(2-Chloroethoxy)methane	ug/L	ND	90.9	90.9	89.1	91.0	98	100	19-146	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	90.9	90.9	89.4	89.3	98	98	19-151	0	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	90.9	90.9	96.3	102	106	112	42-168	6	30	
Butylbenzylphthalate	ug/L	ND	90.9	90.9	97.8	104	108	115	42-177	6	30	
Chrysene	ug/L	ND	90.9	90.9	86.3	91.9	95	101	43-159	6	30	
Di-n-butylphthalate	ug/L	ND	90.9	90.9	95.1	98.2	105	108	42-160	3	30	
Di-n-octylphthalate	ug/L	ND	90.9	90.9	103	109	113	120	42-171	6	30	
Dibenz(a,h)anthracene	ug/L	ND	90.9	90.9	88.4	91.2	97	100	40-171	3	30	
Dibenzofuran	ug/L	ND	90.9	90.9	85.0	88.7	94	98	23-147	4	30	
Diethylphthalate	ug/L	ND	90.9	90.9	96.7	99.8	106	110	33-157	3	30	
Dimethylphthalate	ug/L	ND	90.9	90.9	92.9	95.2	102	105	27-154	2	30	
Fluoranthene	ug/L	ND	90.9	90.9	95.0	98.0	104	108	42-157	3	30	
Fluorene	ug/L	ND	90.9	90.9	88.6	91.6	97	101	25-155	3	30	
Hexachlorobenzene	ug/L	ND	90.9	90.9	79.7	81.2	88	89	32-145	2	30	
Hexachlorocyclopentadiene	ug/L	ND	90.9	90.9	61.4	76.7	68	84	10-130	22	30	
Hexachloroethane	ug/L	ND	90.9	90.9	54.3	67.7	60	75	10-130	22	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	90.9	90.9	89.7	94.2	99	104	39-174	5	30	
Isophorone	ug/L	ND	90.9	90.9	92.4	95.1	102	105	19-146	3	30	
N-Nitroso-di-n-propylamine	ug/L	ND	90.9	90.9	94.0	96.9	103	107	20-150	3	30	
N-Nitrosodimethylamine	ug/L	ND	90.9	90.9	82.1	85.4	90	94	13-130	4	30	v1
N-Nitrosodiphenylamine	ug/L	ND	90.9	90.9	82.6	83.4	91	92	33-149	1	30	
Nitrobenzene	ug/L	ND	90.9	90.9	86.0	89.2	95	98	19-145	4	30	
Pentachlorophenol	ug/L	ND	182	182	203	211	112	116	10-188	4	30	
Phenanthrene	ug/L	ND	90.9	90.9	84.6	88.6	93	97	38-150	5	30	
Phenol	ug/L	ND	90.9	90.9	63.3	61.8	70	68	10-130	2	30	
Pyrene	ug/L	ND	90.9	90.9	88.1	92.0	97	101	42-163	4	30	
2,4,6-Tribromophenol (S)	%						95	83	10-164			
2-Fluorobiphenyl (S)	%						81	74	10-130			
2-Fluorophenol (S)	%						68	62	10-130			
Nitrobenzene-d5 (S)	%						90	81	10-138			
Phenol-d6 (S)	%						62	53	10-130			
Terphenyl-d14 (S)	%						93	86	19-191			

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 764162 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658638014, 92658638015, 92658638017, 92658638018

METHOD BLANK: 3968241 Matrix: Water
Associated Lab Samples: 92658638014, 92658638015, 92658638017, 92658638018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/29/23 09:20	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/29/23 09:20	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/29/23 09:20	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/29/23 09:20	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/29/23 09:20	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/29/23 09:20	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/29/23 09:20	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/29/23 09:20	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/29/23 09:20	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/29/23 09:20	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/29/23 09:20	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/29/23 09:20	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/29/23 09:20	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/29/23 09:20	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/29/23 09:20	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/29/23 09:20	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/29/23 09:20	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/29/23 09:20	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/29/23 09:20	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/29/23 09:20	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/29/23 09:20	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/29/23 09:20	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/29/23 09:20	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/29/23 09:20	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/29/23 09:20	
Acenaphthene	ug/L	ND	10.0	2.0	03/29/23 09:20	
Acenaphthylene	ug/L	ND	10.0	2.0	03/29/23 09:20	
Aniline	ug/L	ND	10.0	1.6	03/29/23 09:20	
Anthracene	ug/L	ND	10.0	2.3	03/29/23 09:20	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/29/23 09:20	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/29/23 09:20	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/29/23 09:20	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/29/23 09:20	
Benzoic Acid	ug/L	ND	50.0	22.0	03/29/23 09:20	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/29/23 09:20	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/29/23 09:20	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/29/23 09:20	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/29/23 09:20	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/29/23 09:20	
Chrysene	ug/L	ND	10.0	2.8	03/29/23 09:20	

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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

METHOD BLANK: 3968241 Matrix: Water
Associated Lab Samples: 92658638014, 92658638015, 92658638017, 92658638018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/29/23 09:20	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/29/23 09:20	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/29/23 09:20	
Dibenzofuran	ug/L	ND	10.0	2.1	03/29/23 09:20	
Diethylphthalate	ug/L	ND	10.0	2.0	03/29/23 09:20	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/29/23 09:20	
Fluoranthene	ug/L	ND	10.0	2.2	03/29/23 09:20	
Fluorene	ug/L	ND	10.0	2.1	03/29/23 09:20	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/29/23 09:20	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/29/23 09:20	
Hexachloroethane	ug/L	ND	10.0	1.4	03/29/23 09:20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/29/23 09:20	
Isophorone	ug/L	ND	10.0	1.7	03/29/23 09:20	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/29/23 09:20	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/29/23 09:20	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/29/23 09:20	
Nitrobenzene	ug/L	ND	10.0	1.9	03/29/23 09:20	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/29/23 09:20	
Phenanthrene	ug/L	ND	10.0	2.0	03/29/23 09:20	
Phenol	ug/L	ND	10.0	1.4	03/29/23 09:20	v1
Pyrene	ug/L	ND	10.0	2.2	03/29/23 09:20	
2,4,6-Tribromophenol (S)	%	22	10-164		03/29/23 09:20	
2-Fluorobiphenyl (S)	%	22	10-130		03/29/23 09:20	
2-Fluorophenol (S)	%	22	10-130		03/29/23 09:20	
Nitrobenzene-d5 (S)	%	28	10-138		03/29/23 09:20	
Phenol-d6 (S)	%	19	10-130		03/29/23 09:20	
Terphenyl-d14 (S)	%	34	19-191		03/29/23 09:20	

LABORATORY CONTROL SAMPLE: 3968242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	28.2	56	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	28.4	57	21-135	
2,4,5-Trichlorophenol	ug/L	50	34.9	70	38-147	
2,4,6-Trichlorophenol	ug/L	50	32.8	66	34-142	
2,4-Dichlorophenol	ug/L	50	33.1	66	36-136	
2,4-Dimethylphenol	ug/L	50	51.5	103	38-134	
2,4-Dinitrophenol	ug/L	250	157	63	10-169	
2,4-Dinitrotoluene	ug/L	50	35.8	72	44-154	
2,6-Dinitrotoluene	ug/L	50	35.7	71	44-156	
2-Chloronaphthalene	ug/L	50	26.8	54	25-130	
2-Chlorophenol	ug/L	50	31.2	62	29-130	
2-Methylnaphthalene	ug/L	50	25.9	52	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	32.6	65	31-130	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3968242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	65.9	66	39-145	
2-Nitrophenol	ug/L	50	34.8	70	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.5	63	30-130	
3,3'-Dichlorobenzidine	ug/L	100	60.5	61	44-158	
3-Nitroaniline	ug/L	100	67.9	68	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	65.4	65	39-158	
4-Bromophenylphenyl ether	ug/L	50	31.7	63	47-147	
4-Chloro-3-methylphenol	ug/L	100	70.2	70	40-138	
4-Chloroaniline	ug/L	100	60.1	60	35-130	
4-Chlorophenylphenyl ether	ug/L	50	31.9	64	36-139	
4-Nitroaniline	ug/L	100	70.3	70	46-157	
4-Nitrophenol	ug/L	250	112	45	17-130	
Acenaphthene	ug/L	50	30.5	61	34-135	
Acenaphthylene	ug/L	50	30.5	61	35-137	
Aniline	ug/L	50	19.9	40	25-130	
Anthracene	ug/L	50	30.6	61	47-146	
Benzo(a)anthracene	ug/L	50	33.7	67	48-160	
Benzo(b)fluoranthene	ug/L	50	33.2	66	49-171	
Benzo(g,h,i)perylene	ug/L	50	33.7	67	46-166	
Benzo(k)fluoranthene	ug/L	50	35.1	70	55-162	
Benzoic Acid	ug/L	250	97.9	39	10-130	
Benzyl alcohol	ug/L	100	64.9	65	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	33.5	67	33-136	
bis(2-Chloroethyl) ether	ug/L	50	32.9	66	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	34.7	69	46-173	
Butylbenzylphthalate	ug/L	50	36.5	73	53-169	
Chrysene	ug/L	50	34.2	68	54-152	
Di-n-butylphthalate	ug/L	50	35.2	70	49-161	
Di-n-octylphthalate	ug/L	50	35.7	71	50-166	
Dibenz(a,h)anthracene	ug/L	50	34.1	68	46-166	
Dibenzofuran	ug/L	50	31.2	62	37-136	
Diethylphthalate	ug/L	50	35.0	70	45-149	
Dimethylphthalate	ug/L	50	33.6	67	43-145	
Fluoranthene	ug/L	50	35.1	70	50-153	
Fluorene	ug/L	50	32.8	66	42-142	
Hexachlorobenzene	ug/L	50	30.8	62	44-138	
Hexachlorocyclopentadiene	ug/L	50	18.6	37	10-130	
Hexachloroethane	ug/L	50	14.3	29	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	33.8	68	46-166	
Isophorone	ug/L	50	35.4	71	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	35.8	72	33-140	
N-Nitrosodimethylamine	ug/L	50	30.5	61	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	31.2	62	46-144	
Nitrobenzene	ug/L	50	32.8	66	33-133	
Pentachlorophenol	ug/L	100	67.4	67	21-163	
Phenanthrene	ug/L	50	32.9	66	47-146	
Phenol	ug/L	50	23.8	48	19-130	v1

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

LABORATORY CONTROL SAMPLE: 3968242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	33.7	67	53-155	
2,4,6-Tribromophenol (S)	%			113	10-164	
2-Fluorobiphenyl (S)	%			92	10-130	
2-Fluorophenol (S)	%			77	10-130	
Nitrobenzene-d5 (S)	%			107	10-138	
Phenol-d6 (S)	%			67	10-130	
Terphenyl-d14 (S)	%			114	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968243 3968244

Parameter	Units	92658638014 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	100	100	78.2	62.4	78	62	10-131	22	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	85.3	69.0	85	69	11-143	21	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	116	89.3	116	89	10-170	26	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	113	85.5	113	85	10-166	27	30	
2,4-Dichlorophenol	ug/L	ND	100	100	106	82.3	106	82	10-153	25	30	
2,4-Dimethylphenol	ug/L	ND	100	100	161	125	161	125	20-147	25	30	M1
2,4-Dinitrophenol	ug/L	ND	500	500	500	376	100	75	10-172	28	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	116	88.9	116	89	30-164	26	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	115	88.2	115	88	31-163	26	30	
2-Chloronaphthalene	ug/L	ND	100	100	90.5	70.2	91	70	15-134	25	30	
2-Chlorophenol	ug/L	ND	100	100	96.9	76.0	97	76	10-139	24	30	
2-Methylnaphthalene	ug/L	ND	100	100	71.0	59.2	71	59	12-130	18	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	100	76.2	100	76	19-132	27	30	
2-Nitroaniline	ug/L	ND	200	200	233	179	116	89	23-154	26	30	
2-Nitrophenol	ug/L	ND	100	100	103	85.4	103	85	10-159	19	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	97.0	72.4	97	72	13-136	29	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	217	165	109	82	10-178	28	30	
3-Nitroaniline	ug/L	ND	200	200	223	172	111	86	20-166	26	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	231	177	115	89	10-187	26	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	107	84.7	107	85	31-157	23	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	213	165	107	83	27-146	25	30	
4-Chloroaniline	ug/L	ND	200	200	192	150	96	75	13-143	25	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	105	80.1	105	80	23-149	27	30	
4-Nitroaniline	ug/L	ND	200	200	219	164	109	82	24-171	29	30	
4-Nitrophenol	ug/L	ND	500	500	359	284	72	57	10-130	23	30	
Acenaphthene	ug/L	ND	100	100	104	78.9	104	79	21-147	27	30	
Acenaphthylene	ug/L	ND	100	100	102	77.7	102	78	19-150	27	30	
Aniline	ug/L	ND	100	100	57.8	46.5	58	46	10-130	22	30	
Anthracene	ug/L	ND	100	100	102	78.7	102	79	36-152	26	30	
Benzo(a)anthracene	ug/L	ND	100	100	114	85.5	114	85	42-163	29	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	115	85.3	115	85	40-177	30	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	117	87.9	117	88	38-174	28	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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968243 3968244

Parameter	Units	92658638014 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	100	100	116	88.1	116	88	41-171	27	30	
Benzoic Acid	ug/L	ND	500	500	294	229	59	46	10-130	25	30	
Benzyl alcohol	ug/L	ND	200	200	195	148	97	74	18-141	27	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	104	81.8	104	82	19-146	24	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	96.0	75.5	96	76	19-151	24	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	122	90.0	122	90	42-168	30	30	
Butylbenzylphthalate	ug/L	ND	100	100	124	90.4	124	90	42-177	31	30	R1
Chrysene	ug/L	ND	100	100	114	85.6	114	86	43-159	29	30	
Di-n-butylphthalate	ug/L	ND	100	100	114	88.1	114	88	42-160	26	30	
Di-n-octylphthalate	ug/L	ND	100	100	123	89.5	123	90	42-171	32	30	R1
Dibenz(a,h)anthracene	ug/L	ND	100	100	117	89.2	117	89	40-171	27	30	
Dibenzofuran	ug/L	ND	100	100	105	79.3	105	79	23-147	28	30	
Diethylphthalate	ug/L	ND	100	100	112	86.1	112	86	33-157	26	30	
Dimethylphthalate	ug/L	ND	100	100	110	84.1	110	84	27-154	26	30	
Fluoranthene	ug/L	ND	100	100	112	86.2	112	86	42-157	26	30	
Fluorene	ug/L	ND	100	100	109	82.5	109	82	25-155	28	30	
Hexachlorobenzene	ug/L	ND	100	100	106	82.6	106	83	32-145	25	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	53.6	45.8	54	46	10-130	16	30	
Hexachloroethane	ug/L	ND	100	100	27.6	36.3	28	36	10-130	27	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	118	88.9	118	89	39-174	28	30	
Isophorone	ug/L	ND	100	100	108	84.9	108	85	19-146	24	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	108	81.6	108	82	20-150	28	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	89.1	71.2	89	71	13-130	22	30	
N-Nitrosodiphenylamine	ug/L	ND	100	100	109	83.8	109	84	33-149	26	30	
Nitrobenzene	ug/L	ND	100	100	96.2	80.1	96	80	19-145	18	30	
Pentachlorophenol	ug/L	ND	200	200	227	178	114	89	10-188	24	30	
Phenanthrene	ug/L	ND	100	100	109	84.7	109	85	38-150	25	30	
Phenol	ug/L	ND	100	100	64.6	52.2	65	52	10-130	21	30	
Pyrene	ug/L	ND	100	100	114	84.9	114	85	42-163	30	30	
2,4,6-Tribromophenol (S)	%						96	92	10-164			
2-Fluorobiphenyl (S)	%						81	70	10-130			
2-Fluorophenol (S)	%						65	59	10-130			
Nitrobenzene-d5 (S)	%						85	79	10-138			
Phenol-d6 (S)	%						52	48	10-130			
Terphenyl-d14 (S)	%						94	84	19-191			

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763937
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: 92658638001, 92658638002, 92658638003, 92658638004, 92658638005, 92658638006, 92658638007, 92658638008, 92658638009, 92658638010, 92658638011, 92658638012, 92658638013, 92658638014, 92658638015, 92658638016, 92658638017, 92658638018

METHOD BLANK: 3967138 Matrix: Water
Associated Lab Samples: 92658638001, 92658638002, 92658638003, 92658638004, 92658638005, 92658638006, 92658638007, 92658638008, 92658638009, 92658638010, 92658638011, 92658638012, 92658638013, 92658638014, 92658638015, 92658638016, 92658638017, 92658638018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/28/23 08:49	
2-Fluorobiphenyl (S)	%	134	61-194		03/28/23 08:49	
Nitrobenzene-d5 (S)	%	130	69-194		03/28/23 08:49	
Terphenyl-d14 (S)	%	141	69-180		03/28/23 08:49	

LABORATORY CONTROL SAMPLE: 3967139

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.6	104	70-130	
2-Fluorobiphenyl (S)	%			108	61-194	
Nitrobenzene-d5 (S)	%			104	69-194	
Terphenyl-d14 (S)	%			109	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967140 3967141

Parameter	Units	92658638016 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	4.8	4.9	4.2	5.0	88	102	11-178	17	30	
2-Fluorobiphenyl (S)	%						101	98	61-194			
Nitrobenzene-d5 (S)	%						91	89	69-194			
Terphenyl-d14 (S)	%						85	95	69-180			

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 764334
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3969154 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/28/23 18:47	

LABORATORY CONTROL SAMPLE: 3969155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.3	99	80-120	

LABORATORY CONTROL SAMPLE: 3969156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969157 3969158

Parameter	Units	92657841002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	65.7	50	50	114	116	97	101	80-120	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969159 3969160

Parameter	Units	92657841003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	71.5	50	50	126	125	108	107	80-120	1	25	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763799
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: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3966865 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	03/25/23 02:00	

LABORATORY CONTROL SAMPLE: 3966866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966867 3966868

Parameter	Units	92658401001 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	0.53	101	105	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966869 3966870

Parameter	Units	92658401003 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	0.54	0.53	102	100	80-120	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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763524
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: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3965362 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/24/23 20:26	

LABORATORY CONTROL SAMPLE: 3965363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	47.9	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965364 3965365

Parameter	Units	92658638005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	30.6	50	50	78.2	78.6	95	96	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965366 3965367

Parameter	Units	92658542008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	ND	50	50	49.3	50.3	98	100	90-110	2	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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763529
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3965388 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	03/25/23 11:56	

LABORATORY CONTROL SAMPLE: 3965389

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965390 3965391

Parameter	Units	92658060001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	0.49	5	5	5.6	5.6	103	103	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3965392 3965393

Parameter	Units	92658060002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	0.37	5	5	5.4	5.4	101	100	90-110	0	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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 764270
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638005

METHOD BLANK: 3968702 Matrix: Water
Associated Lab Samples: 92658638005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	03/28/23 14:19	

LABORATORY CONTROL SAMPLE: 3968703

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.4	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968704 3968705

Parameter	Units	92658842001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.16	2.5	2.5	2.7	2.7	101	101	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968706 3968707

Parameter	Units	92658842002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.55	2.5	2.5	3.0	3.0	98	99	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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 764475
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638013, 92658638014

METHOD BLANK: 3969768 Matrix: Water
Associated Lab Samples: 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	03/29/23 13:07	

LABORATORY CONTROL SAMPLE: 3969769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969770 3969771

Parameter	Units	92658522001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	6.3	2.5	2.5	8.7	8.6	96	95	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969772 3969773

Parameter	Units	92658526002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.065	2.5	2.5	2.5	2.5	98	98	90-110	0	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

QUALITY CONTROL DATA

Project: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

QC Batch: 763992
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658638005, 92658638013, 92658638014

METHOD BLANK: 3967424 Matrix: Water
Associated Lab Samples: 92658638005, 92658638013, 92658638014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 02:37	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 02:37	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 02:37	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 02:37	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 02:37	

LABORATORY CONTROL SAMPLE: 3967425

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.3	93	75-125	
Total Organic Carbon	mg/L	25	23.0	92	75-125	
Total Organic Carbon	mg/L	25	23.2	93	75-125	
Total Organic Carbon	mg/L	25	23.7	95	75-125	
Total Organic Carbon	mg/L	25	23.5	94	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967426 3967427

Parameter	Units	92658467002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	383	25	25	397	405	57	87	75-125	2	25	M1
Total Organic Carbon	mg/L	377	25	25	390	398	52	85	75-125	2	25	M1
Total Organic Carbon	mg/L	386	25	25	408	412	89	104	75-125	1	25	
Total Organic Carbon	mg/L	387	25	25	387	396	-1	37	75-125	2	25	M1
Total Organic Carbon	mg/L	382	25	25	404	412	90	124	75-125	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967428 3967429

Parameter	Units	92658638014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	ND	25	25	22.9	23.2	90	91	75-125	1	25	
Total Organic Carbon	mg/L	ND	25	25	22.5	22.8	88	90	75-125	2	25	
Total Organic Carbon	mg/L	ND	25	25	22.9	22.8	90	90	75-125	0	25	
Total Organic Carbon	mg/L	ND	25	25	23.4	23.7	92	93	75-125	1	25	
Total Organic Carbon	mg/L	ND	25	25	23.0	23.3	91	92	75-125	1	25	

Results presented on this page are in 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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
IH	This analyte exceeded secondary source verification criteria high 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.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658638005	**MW-13R-20230322**	RSK 175 Modified	763989		
92658638013	**MW-44BR-20230322**	RSK 175 Modified	763989		
92658638014	**MW-28-20230322**	RSK 175 Modified	764274		
92658638005	**MW-13R-20230322**	EPA 3010A	763543	EPA 6010D	763685
92658638013	**MW-44BR-20230322**	EPA 3010A	763543	EPA 6010D	763685
92658638014	**MW-28-20230322**	EPA 3010A	763543	EPA 6010D	763685
92658638005	**MW-13R-20230322**	EPA 3010A	763706	EPA 6010D	763783
92658638013	**MW-44BR-20230322**	EPA 3010A	763706	EPA 6010D	763783
92658638014	**MW-28-20230322**	EPA 3010A	763706	EPA 6010D	763783
92658638001	**MW-9R-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638002	**DUP-02-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638003	**MW-37S-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638004	**MW-16-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638005	**MW-13R-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638006	**MW-37TZ-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638007	**MW-18-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638008	**MW-41S-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638009	**MW-26-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638010	**EB-03-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638011	**MW-25R-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638012	**MW-44TZ-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638013	**MW-44BR-20230322**	EPA 3510C	763974	EPA 8270E	764214
92658638014	**MW-28-20230322**	EPA 3510C	764162	EPA 8270E	764501
92658638015	**MW-41TZ-20230322**	EPA 3510C	764162	EPA 8270E	764501
92658638016	**MW-7R-20230322-MS/MSD**	EPA 3510C	763974	EPA 8270E	764214
92658638017	**MW-37BR-20230322**	EPA 3510C	764162	EPA 8270E	764501
92658638018	**MW-41BR-20230322**	EPA 3510C	764162	EPA 8270E	764501
92658638001	**MW-9R-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638002	**DUP-02-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638003	**MW-37S-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638004	**MW-16-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638005	**MW-13R-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638006	**MW-37TZ-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638007	**MW-18-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638008	**MW-41S-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638009	**MW-26-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638010	**EB-03-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638011	**MW-25R-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638012	**MW-44TZ-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638013	**MW-44BR-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638014	**MW-28-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638015	**MW-41TZ-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638016	**MW-7R-20230322-MS/MSD**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638017	**MW-37BR-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185
92658638018	**MW-41BR-20230322**	EPA 3511	763937	EPA 8270E by SIM	764185

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658638001	**MW-9R-20230322**	EPA 8260D	763745		
92658638002	**DUP-02-20230322**	EPA 8260D	764311		
92658638003	**MW-37S-20230322**	EPA 8260D	763745		
92658638004	**MW-16-20230322**	EPA 8260D	763745		
92658638005	**MW-13R-20230322**	EPA 8260D	763737		
92658638006	**MW-37TZ-20230322**	EPA 8260D	763745		
92658638007	**MW-18-20230322**	EPA 8260D	763737		
92658638008	**MW-41S-20230322**	EPA 8260D	763737		
92658638009	**MW-26-20230322**	EPA 8260D	763745		
92658638010	**EB-03-20230322**	EPA 8260D	763737		
92658638011	**MW-25R-20230322**	EPA 8260D	763745		
92658638012	**MW-44TZ-20230322**	EPA 8260D	763737		
92658638013	**MW-44BR-20230322**	EPA 8260D	763737		
92658638014	**MW-28-20230322**	EPA 8260D	763745		
92658638015	**MW-41TZ-20230322**	EPA 8260D	763740		
92658638016	**MW-7R-20230322-MS/MSD**	EPA 8260D	763745		
92658638017	**MW-37BR-20230322**	EPA 8260D	763740		
92658638018	**MW-41BR-20230322**	EPA 8260D	763740		
92658638019	**TB-05-20230322**	EPA 8260D	763737		
92658638020	**TB-06-20230322**	EPA 8260D	763737		
92658638005	**MW-13R-20230322**	SM 2320B-2011	764334		
92658638013	**MW-44BR-20230322**	SM 2320B-2011	764334		
92658638014	**MW-28-20230322**	SM 2320B-2011	764334		
92658638005	**MW-13R-20230322**	SM 4500-S2D-2011	763799		
92658638013	**MW-44BR-20230322**	SM 4500-S2D-2011	763799		
92658638014	**MW-28-20230322**	SM 4500-S2D-2011	763799		
92658638005	**MW-13R-20230322**	EPA 300.0 Rev 2.1 1993	763524		
92658638013	**MW-44BR-20230322**	EPA 300.0 Rev 2.1 1993	763524		
92658638014	**MW-28-20230322**	EPA 300.0 Rev 2.1 1993	763524		
92658638005	**MW-13R-20230322**	EPA 350.1 Rev 2.0 1993	763529		
92658638013	**MW-44BR-20230322**	EPA 350.1 Rev 2.0 1993	763529		
92658638014	**MW-28-20230322**	EPA 350.1 Rev 2.0 1993	763529		
92658638005	**MW-13R-20230322**	EPA 353.2 Rev 2.0 1993	764270		
92658638013	**MW-44BR-20230322**	EPA 353.2 Rev 2.0 1993	764475		
92658638014	**MW-28-20230322**	EPA 353.2 Rev 2.0 1993	764475		
92658638005	**MW-13R-20230322**	EPA 9060A	763992		
92658638013	**MW-44BR-20230322**	EPA 9060A	763992		
92658638014	**MW-28-20230322**	EPA 9060A	763992		

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: BramletteMGP/FR7559C J23030238
Pace Project No.: 92658638

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658638005	**MW-13R-20230322**	SM 4500-CO2 D-2011	764635		
92658638013	**MW-44BR-20230322**	SM 4500-CO2 D-2011	764635		
92658638014	**MW-28-20230322**	SM 4500-CO2 D-2011	764635		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

LAB **WO# : 92658638**

92658638

Number or NLY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day / Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Container Preservative Type **

3	U	U	2	U	4&5	U	1	1	U	O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Lab Project Manager:

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-9R-20230322	GW	Grab	3/22/2023	11:28				8	G	X	X	X								
DUP-02-20230322	GW	Grab	3/22/2023	11:10				8	G	X	X	X								
MW-37S-20230322	GW	Grab	3/22/2023	15:45				8	G	X	X	X								
MW-16-20230322	GW	Grab	3/22/2023	15:38				8	G	X	X	X								
MW-13R-20230322	GW	Grab	3/22/2023	15:25				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-37TZ-20230322	GW	Grab	3/22/2023	14:50				8	G	X	X	X								
MW-18-20230322	GW	Grab	3/22/2023	11:50				8	G	X	X	X								
MW-41S-20230322	GW	Grab	3/22/2023	09:40				8	G	X	X	X								
MW-26-20230322	GW	Grab	3/22/2023	15:45				8	G	X	X	X								
EB-03-20230322	GW	Grab	3/22/2023	16:35				8	G	X	X	X								

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: 2332
Sample pH Acceptable Y N NA
pH Strips: 2235520
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 93082
Cooler 1 Temp Upon Receipt: 3.3/3.4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 3.3/3.4 oC
Comments:

Relinquished by/Company: (Signature) Geosyntec	Date/Time: 3-23-23 0825	Received by/Company: (Signature) Kaliegh Sisolak	Date/Time: 3-23-23 0825
Relinquished by/Company: (Signature) Kaliegh Sisolak	Date/Time: 3/23/23 16:10	Received by/Company: (Signature)	Date/Time: 3/23/23 16:10
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

WO#: 92658638

PM: LJP Due Date: 03/31/23

CLIENT: 92-Duke Ener

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

ONLY

Company: Geosyntec | Billing Information:

Address: 201 E. McBee Avenue, Suite 201, Greenville, SC

Report To: Michael Martin (mmartin@geosyntec.com)

Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com

Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)

Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville

Customer Project Name/Number: Bramlette MGP/FR7559C

State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086
Email: jtrotter@geosyntec.com

Site/Facility ID #: BramletteMGP

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): JOHN TROTTER

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required: Standard

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

Sample Disposal:
[ ] Dispose as appropriate
[ ] Return
[ ] Archive: ____
[ ] Hold: ____

Rush: (Expedite Charges Apply)
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day
[ ] 4 Day [ ] 5 Day

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

Analysis: ____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
Preservative										3	U	U	2	U	4&5	U	1	1	U	O
MW-25R-20230322	GW	Grab	3/22/2023	09:13				8	G	X	X	X								
MW-44TZ-20230322	GW	Grab	3/22/2023	11:19				8	G	X	X	X								
MW-44BR-20230322	GW	Grab	3/22/2023	12:35				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-28-20230322	GW	Grab	3/22/2023	11:16				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-41TZ-20230322	GW	Grab	3/22/2023	09:35				8	G	X	X	X								
MW-7R-20230322	GW	Grab	3/22/2023	13:45				8	G	X	X	X								
MS-02-20230322	GW	Grab	3/22/2023	13:45				7	G	X	X	X								
MSD-02-20230322	GW	Grab	3/22/2023	13:45				8	G	X	X	X								
MW-37BR-20230322	GW	Grab	3/22/2023	14:08				8	G	X	X	X								
MW-41BR-20230322	GW	Grab	3/22/2023	09:40				8	G	X	X	X								

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: 2337
Sample pH Acceptable Y N NA
pH Strips: 223 SS173
Sulfide Present Y N NA
Lead Acetate Strips: ____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
VOA lid broke for MS-02-20230322 so there are only 2 VOAs for VOC analysis

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 93T082
Cooler 1 Temp Upon Receipt: 4.3 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 4.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / Geosyntec	3-23-23/0825	Kaleigh Siudak	3-23-23 0825
Kaleigh Siudak	3/23/23 16:10	[signature]	3/23/23

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB

WO# : 92658638

PM: LJP **Due Date: 03/31/23**
CLIENT: 92-Duke Ener

Number or

NLY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day / Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)
TB-05-20230322	GW	Grab	3/22/2023					2	G
TB-06-20230322	GW	Grab	3/22/2023					2	G

Container Preservative Type: 3 U U 2 U 4&5 U 1 1 U O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Lab Project Manager:

Analyses

VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
X										
X										

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: 2352
Sample pH Acceptable Y N NA
pH Strips: 2238 MAV
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #:
Samples received via: FEDEX UPS Client Courier Pace

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 93T052
Cooler 1 Temp Upon Receipt: 3.6 oC
Cooler 1 Therm Corr. Factor: 0.6 oC
Cooler 1 Corrected Temp: 4.3 / 3.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Georgymer	3-23-23/0825	Kaleigh Sisolak	3-23-23 0825
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Kaleigh Sisolak	3/23/23 K:10		3/23/23 16:10
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: _____ of: _____

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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

***Check all unpreserved Nitrates for chlorine

Project # **WO#: 92658638**

PM: LJP Due Date: 03/31/23

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	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		2			2	2	1									3		6	3									2		
6																3		3										2		
7																3		3										2		
8																3		3										2		
9																3		3										2		
10																3		3										2		
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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

***Check all unpreserved Nitrates for chlorine

Project # **WO# : 92658638**

PM: LJP Due Date: 03/31/23

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3		3										2		
2																3		3										2		
3		2			2	2	1									3		6	3									2		
4		2			2	2	1									3		6	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																														
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022 8:18:30 AM

***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**

*****Check all unpreserved Nitrates for chlorine**

Project # **WO# : 92658638**

PM: LJP **Due Date: 03/31/23**

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	BP7U-50 mL Plastic Unpreserved (N/A)	VG/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)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																2													
2																2													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

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

April 03, 2023

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

RE: Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
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 Laboratory ID: 99030
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: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92658783001	**MW-27-20230323**	Water	03/23/23 09:35	03/24/23 13:15
92658783002	**MW-33S-20230323**	Water	03/23/23 09:50	03/24/23 13:15
92658783003	**MW-33TZ-20230323**	Water	03/23/23 09:55	03/24/23 13:15
92658783004	**MW-35TZ-20230323**	Water	03/23/23 10:20	03/24/23 13:15
92658783005	**MW-48S-20230323**	Water	03/23/23 11:01	03/24/23 13:15
92658783006	**MW-48TZ-20230323**	Water	03/23/23 11:10	03/24/23 13:15
92658783007	**DUP-03-20230323**	Water	03/23/23 11:15	03/24/23 13:15
92658783008	**MW-35S-20230323**	Water	03/23/23 11:20	03/24/23 13:15
92658783009	**MW-43BR-20230323**	Water	03/23/23 11:40	03/24/23 13:15
92658783010	**MW-35BR-20230323**	Water	03/23/23 12:42	03/24/23 13:15
92658783011	**MW-45S-20230323**	Water	03/23/23 14:35	03/24/23 13:15
92658783012	**MW-30S-20230323**	Water	03/23/23 14:10	03/24/23 13:15
92658783013	**MW-3-20230323**	Water	03/23/23 14:06	03/24/23 13:15
92658783014	**MW-30TZ-20230323**	Water	03/23/23 14:55	03/24/23 13:15
92658783015	**MW-3BR-20230323**	Water	03/23/23 15:00	03/24/23 13:15
92658783016	**MW-20-20230323**	Water	03/23/23 15:01	03/24/23 13:15
92658783017	**MW-43TZ-20230323**	Water	03/23/23 15:35	03/24/23 13:15
92658783018	**EB-04-20230323**	Water	03/23/23 16:10	03/24/23 13:15
92658783019	**TB-07-20230323**	Water	03/23/23 00:00	03/24/23 13:15
92658783020	**TB-08-20230323**	Water	03/23/23 00:00	03/24/23 13:15

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658783001	**MW-27-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783002	**MW-33S-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783003	**MW-33TZ-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783004	**MW-35TZ-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783005	**MW-48S-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783006	**MW-48TZ-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783007	**DUP-03-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783008	**MW-35S-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783009	**MW-43BR-20230323**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	SBW	2	PASI-A
		EPA 6010D	SBW	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658783010	**MW-35BR-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783011	**MW-45S-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783012	**MW-30S-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783013	**MW-3-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783014	**MW-30TZ-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783015	**MW-3BR-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783016	**MW-20-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783017	**MW-43TZ-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783018	**EB-04-20230323**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658783019	**TB-07-20230323**	EPA 8260D	CL	62	PASI-C
92658783020	**TB-08-20230323**	EPA 8260D	CL	62	PASI-C

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

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658783001	**MW-27-20230323**					
EPA 8260D	Methyl-tert-butyl ether	0.87J	ug/L	1.0	03/27/23 19:44	
92658783002	**MW-33S-20230323**					
EPA 8270E	Benzoic Acid	27.2J	ug/L	50.0	03/30/23 09:35	
92658783009	**MW-43BR-20230323**					
RSK 175 Modified	Methane	982	ug/L	10.0	03/27/23 15:45	
EPA 6010D	Iron	171	ug/L	50.0	03/26/23 17:32	
EPA 6010D	Manganese	141	ug/L	5.0	03/26/23 17:32	
EPA 6010D	Iron, Dissolved	83.1	ug/L	50.0	03/26/23 17:11	
EPA 6010D	Manganese, Dissolved	124	ug/L	5.0	03/26/23 17:11	
EPA 8260D	Naphthalene	1.6	ug/L	1.0	03/27/23 23:21	
SM 2320B-2011	Alkalinity, Total as CaCO3	129	mg/L	5.0	03/28/23 19:46	
SM 4500-S2D-2011	Sulfide	0.69	mg/L	0.10	03/25/23 02:14	
EPA 300.0 Rev 2.1 1993	Sulfate	2.3	mg/L	1.0	03/25/23 19:43	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	3.3	mg/L	0.10	03/25/23 13:45	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.017J	mg/L	0.040	03/29/23 13:26	
EPA 9060A	Total Organic Carbon	3.2	mg/L	1.0	03/29/23 02:11	
EPA 9060A	Total Organic Carbon	2.8	mg/L	1.0	03/29/23 02:11	
EPA 9060A	Total Organic Carbon	2.7	mg/L	1.0	03/29/23 02:11	
EPA 9060A	Total Organic Carbon	2.5	mg/L	1.0	03/29/23 02:11	
EPA 9060A	Mean Total Organic Carbon	2.8	mg/L	1.0	03/29/23 02:11	
SM 4500-CO2 D-2011	Carbon dioxide	116	mg/L	5.0	03/28/23 19:46	N2
92658783013	**MW-3-20230323**					
EPA 8270E	Acenaphthene	17.1	ug/L	10.0	03/30/23 20:40	
EPA 8270E	Fluorene	6.5J	ug/L	10.0	03/30/23 20:40	
EPA 8270E	1-Methylnaphthalene	21.6	ug/L	10.0	03/30/23 20:40	
EPA 8270E	2-Methylnaphthalene	3.5J	ug/L	10.0	03/30/23 20:40	
EPA 8270E	Phenanthrene	7.8J	ug/L	10.0	03/30/23 20:40	
EPA 8260D	Benzene	17.2	ug/L	1.0	03/27/23 22:27	
EPA 8260D	Ethylbenzene	6.0	ug/L	1.0	03/27/23 22:27	
EPA 8260D	Naphthalene	27.8	ug/L	1.0	03/27/23 22:27	
EPA 8260D	Toluene	0.54J	ug/L	1.0	03/27/23 22:27	
EPA 8260D	Xylene (Total)	5.5	ug/L	1.0	03/27/23 22:27	
EPA 8260D	m&p-Xylene	3.1	ug/L	2.0	03/27/23 22:27	
EPA 8260D	o-Xylene	2.4	ug/L	1.0	03/27/23 22:27	
92658783015	**MW-3BR-20230323**					
EPA 8270E	Acenaphthene	19.7	ug/L	8.3	03/30/23 21:31	
EPA 8270E	Acenaphthylene	65.7	ug/L	8.3	03/30/23 21:31	
EPA 8270E	Anthracene	2.4J	ug/L	8.3	03/30/23 21:31	
EPA 8270E	Dibenzofuran	4.4J	ug/L	8.3	03/30/23 21:31	
EPA 8270E	2,4-Dimethylphenol	53.3	ug/L	8.3	03/30/23 21:31	
EPA 8270E	Fluorene	15.7	ug/L	8.3	03/30/23 21:31	
EPA 8270E	1-Methylnaphthalene	87.6	ug/L	8.3	03/30/23 21:31	
EPA 8270E	2-Methylnaphthalene	154	ug/L	16.7	03/31/23 10:36	
EPA 8270E	2-Methylphenol(o-Cresol)	2.4J	ug/L	8.3	03/30/23 21:31	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	1.4J	ug/L	8.3	03/30/23 21:31	

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658783015	**MW-3BR-20230323**					
EPA 8270E	Phenanthrene	12.6	ug/L	8.3	03/30/23 21:31	
EPA 8270E	Phenol	3.2J	ug/L	8.3	03/30/23 21:31	
EPA 8260D	Benzene	298	ug/L	12.5	03/31/23 14:43	
EPA 8260D	Ethylbenzene	62.2	ug/L	12.5	03/31/23 14:43	
EPA 8260D	Naphthalene	2050	ug/L	12.5	03/31/23 14:43	
EPA 8260D	Styrene	28.4	ug/L	12.5	03/31/23 14:43	
EPA 8260D	Toluene	131	ug/L	12.5	03/31/23 14:43	
EPA 8260D	Xylene (Total)	124	ug/L	12.5	03/31/23 14:43	
EPA 8260D	m&p-Xylene	80.2	ug/L	25.0	03/31/23 14:43	
EPA 8260D	o-Xylene	43.4	ug/L	12.5	03/31/23 14:43	
92658783016	**MW-20-20230323**					
EPA 8270E	Acenaphthene	182	ug/L	50.0	03/31/23 11:02	
EPA 8270E	Anthracene	5.7J	ug/L	10.0	03/30/23 21:57	
EPA 8270E	Dibenzofuran	13.5	ug/L	10.0	03/30/23 21:57	
EPA 8270E	2,4-Dimethylphenol	5.6J	ug/L	10.0	03/30/23 21:57	
EPA 8270E	Fluorene	45.6	ug/L	10.0	03/30/23 21:57	
EPA 8270E	1-Methylnaphthalene	374	ug/L	50.0	03/31/23 11:02	
EPA 8270E	2-Methylnaphthalene	497	ug/L	50.0	03/31/23 11:02	
EPA 8270E	Phenanthrene	41.9	ug/L	10.0	03/30/23 21:57	
EPA 8270E	Phenol	1.4J	ug/L	10.0	03/30/23 21:57	
EPA 8270E	Pyrene	2.3J	ug/L	10.0	03/30/23 21:57	
EPA 8260D	Benzene	202	ug/L	25.0	03/30/23 19:12	
EPA 8260D	Ethylbenzene	184	ug/L	25.0	03/30/23 19:12	
EPA 8260D	Naphthalene	4420	ug/L	25.0	03/30/23 19:12	
EPA 8260D	Toluene	21.9J	ug/L	25.0	03/30/23 19:12	
EPA 8260D	Xylene (Total)	216	ug/L	25.0	03/30/23 19:12	
EPA 8260D	m&p-Xylene	157	ug/L	50.0	03/30/23 19:12	
EPA 8260D	o-Xylene	59.0	ug/L	25.0	03/30/23 19:12	

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was analyzed for RSK 175 Modified 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.

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: 763989

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658356012

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

- MS (Lab ID: 3967373)
  - Methane

Duplicate Sample:
All duplicate sample results were within method 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: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was 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: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was 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: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 03, 2023

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: 764162

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: 3968241)
  - N-Nitrosodimethylamine
  - Phenol
- LCS (Lab ID: 3968242)
  - N-Nitrosodimethylamine
  - Phenol
- MW-27-20230323 (Lab ID: 92658783001)
  - N-Nitrosodimethylamine

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.

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 03, 2023

QC Batch: 764162

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658638014

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

- MS (Lab ID: 3968243)
  - 2,4-Dimethylphenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3968244)
  - Butylbenzylphthalate
  - Di-n-octylphthalate

QC Batch: 764460

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658864003

R1: RPD value was outside control limits.

- MSD (Lab ID: 3969727)
  - Aniline

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 03, 2023

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: 764198

S0: Surrogate recovery outside laboratory control limits.

- DUP (Lab ID: 3968379)
  - 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.

Duplicate Sample:
All duplicate sample results were within method 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: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 03, 2023

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: 764743

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: 3971074)
  - Vinyl acetate
- DUP (Lab ID: 3971076)
  - Vinyl acetate
- LCS (Lab ID: 3971075)
  - Vinyl acetate
- MS (Lab ID: 3971077)
  - Vinyl acetate
- MW-20-20230323 (Lab ID: 92658783016)
  - Vinyl acetate

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

QC Batch: 764085

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: 3968023)
  - Dichlorodifluoromethane
- DUP-03-20230323 (Lab ID: 92658783007)
  - Dichlorodifluoromethane
- EB-04-20230323 (Lab ID: 92658783018)
  - Dichlorodifluoromethane
- LCS (Lab ID: 3968024)
  - Dichlorodifluoromethane
- MW-27-20230323 (Lab ID: 92658783001)
  - Dichlorodifluoromethane
- MW-3-20230323 (Lab ID: 92658783013)
  - Dichlorodifluoromethane
- MW-30S-20230323 (Lab ID: 92658783012)
  - Dichlorodifluoromethane
- MW-30TZ-20230323 (Lab ID: 92658783014)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 03, 2023

QC Batch: 764085

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.

- Dichlorodifluoromethane
- MW-33S-20230323 (Lab ID: 92658783002)
  - Dichlorodifluoromethane
- MW-33TZ-20230323 (Lab ID: 92658783003)
  - Dichlorodifluoromethane
- MW-35BR-20230323 (Lab ID: 92658783010)
  - Dichlorodifluoromethane
- MW-35S-20230323 (Lab ID: 92658783008)
  - Dichlorodifluoromethane
- MW-35TZ-20230323 (Lab ID: 92658783004)
  - Dichlorodifluoromethane
- MW-43BR-20230323 (Lab ID: 92658783009)
  - Dichlorodifluoromethane
- MW-43TZ-20230323 (Lab ID: 92658783017)
  - Dichlorodifluoromethane
- MW-48S-20230323 (Lab ID: 92658783005)
  - Dichlorodifluoromethane
- MW-48TZ-20230323 (Lab ID: 92658783006)
  - Dichlorodifluoromethane
- TB-07-20230323 (Lab ID: 92658783019)
  - Dichlorodifluoromethane
- TB-08-20230323 (Lab ID: 92658783020)
  - Dichlorodifluoromethane

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: 3968023)
  - Bromomethane
- DUP (Lab ID: 3968025)
  - 2,2-Dichloropropane
  - Bromomethane
- DUP-03-20230323 (Lab ID: 92658783007)
  - Bromomethane
- EB-04-20230323 (Lab ID: 92658783018)
  - Bromomethane
- MW-27-20230323 (Lab ID: 92658783001)
  - Bromomethane
- MW-3-20230323 (Lab ID: 92658783013)
  - Bromomethane
- MW-30S-20230323 (Lab ID: 92658783012)
  - Bromomethane
- MW-30TZ-20230323 (Lab ID: 92658783014)
  - Bromomethane
- MW-33S-20230323 (Lab ID: 92658783002)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 03, 2023

QC Batch: 764085

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.

- Bromomethane
- MW-33TZ-20230323 (Lab ID: 92658783003)
  - Bromomethane
- MW-35BR-20230323 (Lab ID: 92658783010)
  - Bromomethane
- MW-35S-20230323 (Lab ID: 92658783008)
  - Bromomethane
- MW-35TZ-20230323 (Lab ID: 92658783004)
  - Bromomethane
- MW-43BR-20230323 (Lab ID: 92658783009)
  - Bromomethane
- MW-43TZ-20230323 (Lab ID: 92658783017)
  - Bromomethane
- MW-48S-20230323 (Lab ID: 92658783005)
  - Bromomethane
- MW-48TZ-20230323 (Lab ID: 92658783006)
  - Bromomethane
- TB-07-20230323 (Lab ID: 92658783019)
  - Bromomethane
- TB-08-20230323 (Lab ID: 92658783020)
  - 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: 3968024)
  - Bromomethane
- MS (Lab ID: 3968026)
  - 2,2-Dichloropropane
  - Bromomethane
- MW-33S-20230323 (Lab ID: 92658783002)
  - 2,2-Dichloropropane
  - Bromomethane

QC Batch: 764743

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: 3971076)
  - Dichlorodifluoromethane
- MS (Lab ID: 3971077)
  - Dichlorodifluoromethane

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: 3971074)
  - Bromomethane
  - Vinyl chloride

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 03, 2023

QC Batch: 764743

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.

- DUP (Lab ID: 3971076)
  - 1,2-Dibromo-3-chloropropane
- MW-20-20230323 (Lab ID: 92658783016)
  - Bromomethane
  - Vinyl 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: 3971075)
  - Bromomethane
  - Vinyl chloride
- MS (Lab ID: 3971077)
  - 1,2-Dibromo-3-chloropropane

QC Batch: 765222

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: 3973368)
  - Dichlorodifluoromethane
- DUP (Lab ID: 3973371)
  - Dichlorodifluoromethane
- LCS (Lab ID: 3973369)
  - Dichlorodifluoromethane
- MS (Lab ID: 3973370)
  - Dichlorodifluoromethane
- MW-3BR-20230323 (Lab ID: 92658783015)
  - Dichlorodifluoromethane
- MW-45S-20230323 (Lab ID: 92658783011)
  - Dichlorodifluoromethane

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: 3973368)
  - Bromomethane
- DUP (Lab ID: 3973371)
  - Bromomethane
- MW-3BR-20230323 (Lab ID: 92658783015)
  - Bromomethane
- MW-45S-20230323 (Lab ID: 92658783011)
  - 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: 3973369)
  - Bromomethane
- MS (Lab ID: 3973370)
  - Bromomethane

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 03, 2023

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: 765222

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: 3973369)
  - Dichlorodifluoromethane

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

QC Batch: 764743

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658729011

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

- MS (Lab ID: 3971077)
  - Dichlorodifluoromethane

QC Batch: 765222

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658878002

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3973370)
  - Dichlorodifluoromethane

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

- MS (Lab ID: 3973370)
  - Naphthalene

Duplicate Sample:
All duplicate sample results were within method 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: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was analyzed for SM 2320B-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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was analyzed for EPA 350.1 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was analyzed for EPA 353.2 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was analyzed for EPA 9060A 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: April 03, 2023

General Information:
1 sample was analyzed for SM 4500-CO2 D-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.

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-27-20230323 **Lab ID: 92658783001** Collected: 03/23/23 09:35 Received: 03/24/23 13:15 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	8.3	1.7	1	03/28/23 11:16	03/29/23 21:27	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/29/23 21:27	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/29/23 21:27	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/28/23 11:16	03/29/23 21:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/29/23 21:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/29/23 21:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/29/23 21:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/29/23 21:27	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/28/23 11:16	03/29/23 21:27	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/28/23 11:16	03/29/23 21:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/29/23 21:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/28/23 11:16	03/29/23 21:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/28/23 11:16	03/29/23 21:27	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/28/23 11:16	03/29/23 21:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/29/23 21:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/29/23 21:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/29/23 21:27	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/29/23 21:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/29/23 21:27	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/29/23 21:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/29/23 21:27	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/29/23 21:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/28/23 11:16	03/29/23 21:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/29/23 21:27	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/29/23 21:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/29/23 21:27	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/29/23 21:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/29/23 21:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/28/23 11:16	03/29/23 21:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/28/23 11:16	03/29/23 21:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/29/23 21:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/29/23 21:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/28/23 11:16	03/29/23 21:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/28/23 11:16	03/29/23 21:27	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/29/23 21:27	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/29/23 21:27	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/29/23 21:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/29/23 21:27	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/29/23 21:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/29/23 21:27	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/29/23 21:27	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/29/23 21:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/29/23 21:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/29/23 21:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/29/23 21:27	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-27-20230323 **Lab ID: 92658783001** Collected: 03/23/23 09:35 Received: 03/24/23 13:15 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	16.7	2.5	1	03/28/23 11:16	03/29/23 21:27	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/29/23 21:27	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/28/23 11:16	03/29/23 21:27	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/29/23 21:27	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/29/23 21:27	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/28/23 11:16	03/29/23 21:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/29/23 21:27	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/29/23 21:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/29/23 21:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/28/23 11:16	03/29/23 21:27	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/29/23 21:27	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/29/23 21:27	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/29/23 21:27	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/29/23 21:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/29/23 21:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/29/23 21:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-138		1	03/28/23 11:16	03/29/23 21:27	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	03/28/23 11:16	03/29/23 21:27	321-60-8	
Terphenyl-d14 (S)	108	%	19-191		1	03/28/23 11:16	03/29/23 21:27	1718-51-0	
Phenol-d6 (S)	59	%	10-130		1	03/28/23 11:16	03/29/23 21:27	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/28/23 11:16	03/29/23 21:27	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-164		1	03/28/23 11:16	03/29/23 21:27	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	0.044	1	03/28/23 15:35	03/29/23 13:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/28/23 15:35	03/29/23 13:24	4165-60-0	
2-Fluorobiphenyl (S)	95	%	61-194		1	03/28/23 15:35	03/29/23 13:24	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	03/28/23 15:35	03/29/23 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		03/27/23 19:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 19:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 19:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 19:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 19:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 19:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 19:44	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 19:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 19:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 19:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 19:44	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-27-20230323 **Lab ID: 92658783001** Collected: 03/23/23 09:35 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 19:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 19:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 19:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 19:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 19:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 19:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 19:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 19:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 19:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 19:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 19:44	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 19:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 19:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 19:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 19:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 19:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 19:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 19:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 19:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 19:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 19:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 19:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 19:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 19:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 19:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 19:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 19:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 19:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 19:44	108-10-1	
Methyl-tert-butyl ether	**0.87J**	ug/L	1.0	0.42	1		03/27/23 19:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 19:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 19:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 19:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 19:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 19:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 19:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 19:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 19:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 19:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 19:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 19:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 19:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 19:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 19:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 19:44	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-27-20230323 **Lab ID: 92658783001** Collected: 03/23/23 09:35 Received: 03/24/23 13:15 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		03/27/23 19:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 19:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 19:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 19:44	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/27/23 19:44	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		03/27/23 19:44	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33S-20230323 **Lab ID: 92658783002** Collected: 03/23/23 09:50 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 09:35	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 09:35	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 09:35	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 09:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 09:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 09:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 09:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 09:35	207-08-9	
Benzoic Acid	**27.2J**	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 09:35	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 09:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 09:35	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 09:35	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 09:35	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 09:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 09:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 09:35	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 09:35	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 09:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 09:35	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 09:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 09:35	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 09:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 09:35	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 09:35	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 09:35	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 09:35	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 09:35	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 09:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 09:35	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 09:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 09:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 09:35	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 09:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 09:35	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 09:35	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 09:35	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 09:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 09:35	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 09:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 09:35	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 09:35	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 09:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 09:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 09:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 09:35	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33S-20230323 **Lab ID: 92658783002** Collected: 03/23/23 09:50 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 09:35	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 09:35	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 09:35	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 09:35	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 09:35	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 09:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 09:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 09:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 09:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 09:35	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 09:35	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 09:35	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 09:35	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 09:35	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 09:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 09:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-138		1	03/28/23 11:16	03/30/23 09:35	4165-60-0	
2-Fluorobiphenyl (S)	88	%	10-130		1	03/28/23 11:16	03/30/23 09:35	321-60-8	
Terphenyl-d14 (S)	98	%	19-191		1	03/28/23 11:16	03/30/23 09:35	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/28/23 11:16	03/30/23 09:35	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		1	03/28/23 11:16	03/30/23 09:35	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-164		1	03/28/23 11:16	03/30/23 09:35	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	0.099	0.042	1	03/28/23 15:35	03/29/23 13:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	69-194		1	03/28/23 15:35	03/29/23 13:46	4165-60-0	
2-Fluorobiphenyl (S)	100	%	61-194		1	03/28/23 15:35	03/29/23 13:46	321-60-8	
Terphenyl-d14 (S)	101	%	69-180		1	03/28/23 15:35	03/29/23 13:46	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		03/27/23 20:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 20:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 20:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 20:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 20:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 20:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 20:02	74-83-9	v2,v3
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 20:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 20:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 20:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 20:02	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33S-20230323 **Lab ID: 92658783002** Collected: 03/23/23 09:50 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 20:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 20:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 20:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 20:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 20:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 20:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 20:02	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 20:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 20:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 20:02	594-20-7	v3
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 20:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 20:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 20:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 20:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 20:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 20:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 20:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 20:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 20:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 20:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 20:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 20:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 20:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 20:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 20:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 20:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 20:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 20:02	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33S-20230323 **Lab ID: 92658783002** Collected: 03/23/23 09:50 Received: 03/24/23 13:15 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		03/27/23 20:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 20:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 20:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/27/23 20:02	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/27/23 20:02	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/27/23 20:02	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33TZ-20230323 **Lab ID: 92658783003** Collected: 03/23/23 09:55 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 10:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 10:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 10:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 10:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 10:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 10:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 10:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 10:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 10:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 10:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 10:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 10:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 10:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 10:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 10:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 10:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 10:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 10:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 10:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 10:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 10:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 10:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 10:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 10:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 10:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 10:01	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33TZ-20230323 **Lab ID: 92658783003** Collected: 03/23/23 09:55 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 10:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 10:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 10:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 10:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 10:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 10:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 10:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 10:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	86	%	10-138		1	03/28/23 11:16	03/30/23 10:01	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	03/28/23 11:16	03/30/23 10:01	321-60-8	
Terphenyl-d14 (S)	99	%	19-191		1	03/28/23 11:16	03/30/23 10:01	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/28/23 11:16	03/30/23 10:01	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/28/23 11:16	03/30/23 10:01	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-164		1	03/28/23 11:16	03/30/23 10:01	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	0.097	0.042	1	03/28/23 15:35	03/29/23 14:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	85	%	69-194		1	03/28/23 15:35	03/29/23 14:08	4165-60-0	
2-Fluorobiphenyl (S)	98	%	61-194		1	03/28/23 15:35	03/29/23 14:08	321-60-8	
Terphenyl-d14 (S)	87	%	69-180		1	03/28/23 15:35	03/29/23 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		03/27/23 20:20	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 20:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 20:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 20:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 20:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 20:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 20:20	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 20:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 20:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 20:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 20:20	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33TZ-20230323 **Lab ID: 92658783003** Collected: 03/23/23 09:55 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 20:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 20:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 20:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 20:20	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 20:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 20:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 20:20	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 20:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 20:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 20:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 20:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 20:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 20:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 20:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 20:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 20:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 20:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 20:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 20:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 20:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 20:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 20:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 20:20	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 20:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 20:20	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 20:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 20:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 20:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 20:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 20:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 20:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 20:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 20:20	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-33TZ-20230323 **Lab ID: 92658783003** Collected: 03/23/23 09:55 Received: 03/24/23 13:15 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		03/27/23 20:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 20:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 20:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/27/23 20:20	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/27/23 20:20	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/27/23 20:20	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35TZ-20230323 **Lab ID: 92658783004** Collected: 03/23/23 10:20 Received: 03/24/23 13:15 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	8.3	1.7	1	03/28/23 11:16	03/30/23 10:27	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 10:27	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 10:27	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/28/23 11:16	03/30/23 10:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 10:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 10:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 10:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 10:27	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/28/23 11:16	03/30/23 10:27	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/28/23 11:16	03/30/23 10:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 10:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/28/23 11:16	03/30/23 10:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/28/23 11:16	03/30/23 10:27	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/28/23 11:16	03/30/23 10:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 10:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 10:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 10:27	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 10:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 10:27	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 10:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 10:27	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 10:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/28/23 11:16	03/30/23 10:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 10:27	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 10:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 10:27	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 10:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 10:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/28/23 11:16	03/30/23 10:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/28/23 11:16	03/30/23 10:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 10:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 10:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/28/23 11:16	03/30/23 10:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/28/23 11:16	03/30/23 10:27	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 10:27	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 10:27	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 10:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 10:27	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 10:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 10:27	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 10:27	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 10:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 10:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 10:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 10:27	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35TZ-20230323 **Lab ID: 92658783004** Collected: 03/23/23 10:20 Received: 03/24/23 13:15 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	16.7	2.5	1	03/28/23 11:16	03/30/23 10:27	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 10:27	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/28/23 11:16	03/30/23 10:27	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 10:27	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 10:27	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/28/23 11:16	03/30/23 10:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 10:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 10:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 10:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/28/23 11:16	03/30/23 10:27	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 10:27	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 10:27	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 10:27	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 10:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 10:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 10:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-138		1	03/28/23 11:16	03/30/23 10:27	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	03/28/23 11:16	03/30/23 10:27	321-60-8	
Terphenyl-d14 (S)	106	%	19-191		1	03/28/23 11:16	03/30/23 10:27	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/28/23 11:16	03/30/23 10:27	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/28/23 11:16	03/30/23 10:27	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-164		1	03/28/23 11:16	03/30/23 10:27	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	03/28/23 15:35	03/29/23 14:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	85	%	69-194		1	03/28/23 15:35	03/29/23 14:30	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/28/23 15:35	03/29/23 14:30	321-60-8	
Terphenyl-d14 (S)	95	%	69-180		1	03/28/23 15:35	03/29/23 14:30	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		03/27/23 20:38	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 20:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 20:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 20:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 20:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 20:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 20:38	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 20:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 20:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 20:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 20:38	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35TZ-20230323 **Lab ID: 92658783004** Collected: 03/23/23 10:20 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 20:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 20:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 20:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 20:38	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 20:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 20:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 20:38	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 20:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 20:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 20:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 20:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 20:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 20:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 20:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 20:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 20:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 20:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 20:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 20:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 20:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 20:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 20:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 20:38	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 20:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 20:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 20:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 20:38	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 20:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 20:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 20:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 20:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 20:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 20:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 20:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 20:38	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35TZ-20230323 **Lab ID: 92658783004** Collected: 03/23/23 10:20 Received: 03/24/23 13:15 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		03/27/23 20:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 20:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 20:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 20:38	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/27/23 20:38	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		03/27/23 20:38	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-48S-20230323 **Lab ID: 92658783005** Collected: 03/23/23 11:01 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 10:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 10:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 10:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 10:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 10:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 10:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 10:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 10:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 10:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 10:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 10:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 10:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 10:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 10:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 10:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 10:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 10:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 10:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 10:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 10:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 10:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 10:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 10:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 10:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 10:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 10:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 10:52	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-48S-20230323 **Lab ID: 92658783005** Collected: 03/23/23 11:01 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 10:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 10:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 10:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 10:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 10:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 10:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 10:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 10:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 10:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 10:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 10:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 10:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 10:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-138		1	03/28/23 11:16	03/30/23 10:52	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	03/28/23 11:16	03/30/23 10:52	321-60-8	
Terphenyl-d14 (S)	102	%	19-191		1	03/28/23 11:16	03/30/23 10:52	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/28/23 11:16	03/30/23 10:52	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/28/23 11:16	03/30/23 10:52	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-164		1	03/28/23 11:16	03/30/23 10:52	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	0.098	0.042	1	03/28/23 15:35	03/29/23 14:51	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	69-194		1	03/28/23 15:35	03/29/23 14:51	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-194		1	03/28/23 15:35	03/29/23 14:51	321-60-8	
Terphenyl-d14 (S)	105	%	69-180		1	03/28/23 15:35	03/29/23 14:51	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		03/27/23 20:56	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 20:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 20:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 20:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 20:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 20:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 20:56	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 20:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 20:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 20:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 20:56	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-48S-20230323 **Lab ID: 92658783005** Collected: 03/23/23 11:01 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 20:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 20:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 20:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 20:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 20:56	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 20:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 20:56	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 20:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 20:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 20:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 20:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 20:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 20:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 20:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 20:56	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 20:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 20:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 20:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 20:56	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 20:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 20:56	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 20:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 20:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 20:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 20:56	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 20:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 20:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 20:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 20:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 20:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 20:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 20:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 20:56	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-48S-20230323 **Lab ID: 92658783005** Collected: 03/23/23 11:01 Received: 03/24/23 13:15 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		03/27/23 20:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 20:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 20:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 20:56	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/27/23 20:56	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/27/23 20:56	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-48TZ-20230323 **Lab ID: 92658783006** Collected: 03/23/23 11:10 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 11:18	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:18	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:18	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 11:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 11:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 11:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 11:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 11:18	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 11:18	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 11:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 11:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 11:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 11:18	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 11:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 11:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:18	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 11:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:18	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 11:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 11:18	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 11:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 11:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:18	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:18	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 11:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 11:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 11:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 11:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 11:18	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:18	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 11:18	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:18	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 11:18	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 11:18	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-48TZ-20230323 **Lab ID: 92658783006** Collected: 03/23/23 11:10 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 11:18	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 11:18	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 11:18	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:18	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:18	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 11:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:18	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 11:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 11:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 11:18	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 11:18	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:18	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:18	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-138		1	03/28/23 11:16	03/30/23 11:18	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/28/23 11:16	03/30/23 11:18	321-60-8	
Terphenyl-d14 (S)	106	%	19-191		1	03/28/23 11:16	03/30/23 11:18	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/28/23 11:16	03/30/23 11:18	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/28/23 11:16	03/30/23 11:18	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-164		1	03/28/23 11:16	03/30/23 11:18	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	03/30/23 14:57	03/30/23 15:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	69-194		1	03/30/23 14:57	03/30/23 15:30	4165-60-0	
2-Fluorobiphenyl (S)	101	%	61-194		1	03/30/23 14:57	03/30/23 15:30	321-60-8	
Terphenyl-d14 (S)	91	%	69-180		1	03/30/23 14:57	03/30/23 15:30	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		03/27/23 21:14	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 21:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 21:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 21:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 21:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 21:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 21:14	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 21:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 21:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 21:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 21:14	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-48TZ-20230323 **Lab ID: 92658783006** Collected: 03/23/23 11:10 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 21:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 21:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 21:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 21:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 21:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 21:14	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 21:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 21:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 21:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 21:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 21:14	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 21:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 21:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 21:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 21:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 21:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 21:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 21:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 21:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 21:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 21:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 21:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 21:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 21:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 21:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 21:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 21:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 21:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 21:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 21:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 21:14	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 21:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 21:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 21:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 21:14	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 21:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 21:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 21:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 21:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 21:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 21:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 21:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 21:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 21:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 21:14	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-48TZ-20230323 **Lab ID: 92658783006** Collected: 03/23/23 11:10 Received: 03/24/23 13:15 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		03/27/23 21:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 21:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 21:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/27/23 21:14	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/27/23 21:14	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 21:14	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: DUP-03-20230323 **Lab ID: 92658783007** Collected: 03/23/23 11:15 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 11:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/28/23 11:16	03/30/23 11:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 11:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/28/23 11:16	03/30/23 11:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 11:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/28/23 11:16	03/30/23 11:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/28/23 11:16	03/30/23 11:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/28/23 11:16	03/30/23 11:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 11:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/28/23 11:16	03/30/23 11:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/28/23 11:16	03/30/23 11:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/28/23 11:16	03/30/23 11:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/28/23 11:16	03/30/23 11:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 11:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/28/23 11:16	03/30/23 11:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 11:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 11:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/28/23 11:16	03/30/23 11:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 11:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/28/23 11:16	03/30/23 11:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/28/23 11:16	03/30/23 11:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/28/23 11:16	03/30/23 11:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/28/23 11:16	03/30/23 11:43	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:43	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/28/23 11:16	03/30/23 11:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/28/23 11:16	03/30/23 11:43	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/28/23 11:16	03/30/23 11:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 11:43	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: DUP-03-20230323 **Lab ID: 92658783007** Collected: 03/23/23 11:15 Received: 03/24/23 13:15 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	03/28/23 11:16	03/30/23 11:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 11:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/28/23 11:16	03/30/23 11:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/28/23 11:16	03/30/23 11:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/28/23 11:16	03/30/23 11:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/28/23 11:16	03/30/23 11:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/28/23 11:16	03/30/23 11:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/28/23 11:16	03/30/23 11:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/28/23 11:16	03/30/23 11:43	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/28/23 11:16	03/30/23 11:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:43	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/28/23 11:16	03/30/23 11:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/28/23 11:16	03/30/23 11:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/28/23 11:16	03/30/23 11:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-138		1	03/28/23 11:16	03/30/23 11:43	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	03/28/23 11:16	03/30/23 11:43	321-60-8	
Terphenyl-d14 (S)	94	%	19-191		1	03/28/23 11:16	03/30/23 11:43	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	03/28/23 11:16	03/30/23 11:43	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/28/23 11:16	03/30/23 11:43	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-164		1	03/28/23 11:16	03/30/23 11:43	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	03/30/23 14:57	03/30/23 15:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	69-194		1	03/30/23 14:57	03/30/23 15:52	4165-60-0	
2-Fluorobiphenyl (S)	103	%	61-194		1	03/30/23 14:57	03/30/23 15:52	321-60-8	
Terphenyl-d14 (S)	98	%	69-180		1	03/30/23 14:57	03/30/23 15:52	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		03/27/23 23:39	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 23:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 23:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 23:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 23:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 23:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 23:39	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 23:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 23:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 23:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 23:39	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: DUP-03-20230323 **Lab ID: 92658783007** Collected: 03/23/23 11:15 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 23:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 23:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 23:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 23:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 23:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 23:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 23:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 23:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 23:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 23:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 23:39	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 23:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 23:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 23:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 23:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 23:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 23:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 23:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 23:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 23:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 23:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 23:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 23:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 23:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 23:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 23:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 23:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 23:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 23:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 23:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 23:39	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 23:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 23:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 23:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 23:39	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 23:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 23:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 23:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 23:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 23:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 23:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 23:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 23:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 23:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 23:39	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: DUP-03-20230323 **Lab ID: 92658783007** Collected: 03/23/23 11:15 Received: 03/24/23 13:15 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		03/27/23 23:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 23:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 23:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/27/23 23:39	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/27/23 23:39	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		03/27/23 23:39	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35S-20230323 **Lab ID: 92658783008** Collected: 03/23/23 11:20 Received: 03/24/23 13:15 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	8.3	1.7	1	03/28/23 11:16	03/30/23 12:09	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:09	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:09	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/28/23 11:16	03/30/23 12:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 12:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 12:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 12:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 12:09	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/28/23 11:16	03/30/23 12:09	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/28/23 11:16	03/30/23 12:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 12:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/28/23 11:16	03/30/23 12:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/28/23 11:16	03/30/23 12:09	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/28/23 11:16	03/30/23 12:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 12:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:09	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 12:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:09	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 12:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 12:09	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/28/23 11:16	03/30/23 12:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:09	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:09	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:09	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/28/23 11:16	03/30/23 12:09	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/28/23 11:16	03/30/23 12:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/28/23 11:16	03/30/23 12:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/28/23 11:16	03/30/23 12:09	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:09	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:09	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 12:09	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 12:09	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:09	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 12:09	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35S-20230323 **Lab ID: 92658783008** Collected: 03/23/23 11:20 Received: 03/24/23 13:15 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	16.7	2.5	1	03/28/23 11:16	03/30/23 12:09	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 12:09	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/28/23 11:16	03/30/23 12:09	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:09	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:09	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/28/23 11:16	03/30/23 12:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 12:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 12:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/28/23 11:16	03/30/23 12:09	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 12:09	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:09	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 12:09	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:09	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 12:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-138		1	03/28/23 11:16	03/30/23 12:09	4165-60-0	
2-Fluorobiphenyl (S)	64	%	10-130		1	03/28/23 11:16	03/30/23 12:09	321-60-8	
Terphenyl-d14 (S)	88	%	19-191		1	03/28/23 11:16	03/30/23 12:09	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/28/23 11:16	03/30/23 12:09	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	03/28/23 11:16	03/30/23 12:09	367-12-4	
2,4,6-Tribromophenol (S)	73	%	10-164		1	03/28/23 11:16	03/30/23 12:09	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	03/30/23 14:57	03/30/23 16:14	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	85	%	69-194		1	03/30/23 14:57	03/30/23 16:14	4165-60-0	
2-Fluorobiphenyl (S)	101	%	61-194		1	03/30/23 14:57	03/30/23 16:14	321-60-8	
Terphenyl-d14 (S)	94	%	69-180		1	03/30/23 14:57	03/30/23 16:14	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		03/27/23 21:32	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 21:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 21:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 21:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 21:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 21:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 21:32	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 21:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 21:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 21:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 21:32	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-35S-20230323 **Lab ID: 92658783008** Collected: 03/23/23 11:20 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 21:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 21:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 21:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 21:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 21:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 21:32	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 21:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 21:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 21:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 21:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 21:32	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 21:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 21:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 21:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 21:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 21:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 21:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 21:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 21:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 21:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 21:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 21:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 21:32	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 21:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 21:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 21:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 21:32	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 21:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 21:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 21:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 21:32	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 21:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 21:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 21:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 21:32	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 21:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 21:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 21:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 21:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 21:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 21:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 21:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 21:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 21:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 21:32	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35S-20230323 **Lab ID: 92658783008** Collected: 03/23/23 11:20 Received: 03/24/23 13:15 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		03/27/23 21:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 21:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 21:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/27/23 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/27/23 21:32	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/27/23 21:32	2037-26-5	

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43BR-20230323 **Lab ID: 92658783009** Collected: 03/23/23 11:40 Received: 03/24/23 13:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/27/23 15:45	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/27/23 15:45	74-85-1	
Methane	**982**	ug/L	10.0	5.3	1		03/27/23 15:45	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**171**	ug/L	50.0	41.5	1	03/25/23 14:35	03/26/23 17:32	7439-89-6	
Manganese	**141**	ug/L	5.0	3.4	1	03/25/23 14:35	03/26/23 17:32	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**83.1**	ug/L	50.0	41.5	1	03/25/23 14:30	03/26/23 17:11	7439-89-6	
Manganese, Dissolved	**124**	ug/L	5.0	3.4	1	03/25/23 14:30	03/26/23 17:11	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:34	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:34	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:34	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/28/23 11:16	03/30/23 12:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 12:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 12:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 12:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 12:34	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/28/23 11:16	03/30/23 12:34	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/28/23 11:16	03/30/23 12:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 12:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/28/23 11:16	03/30/23 12:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/28/23 11:16	03/30/23 12:34	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/28/23 11:16	03/30/23 12:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 12:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:34	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 12:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:34	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 12:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 12:34	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/28/23 11:16	03/30/23 12:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:34	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:34	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/28/23 11:16	03/30/23 12:34	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43BR-20230323 **Lab ID: 92658783009** Collected: 03/23/23 11:40 Received: 03/24/23 13:15 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								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/28/23 11:16	03/30/23 12:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/28/23 11:16	03/30/23 12:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/28/23 11:16	03/30/23 12:34	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:34	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:34	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 12:34	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 12:34	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 12:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 12:34	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	03/28/23 11:16	03/30/23 12:34	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 12:34	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/28/23 11:16	03/30/23 12:34	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:34	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:34	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/28/23 11:16	03/30/23 12:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 12:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 12:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 12:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/28/23 11:16	03/30/23 12:34	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 12:34	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 12:34	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 12:34	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 12:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 12:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 12:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	10-138		1	03/28/23 11:16	03/30/23 12:34	4165-60-0	
2-Fluorobiphenyl (S)	71	%	10-130		1	03/28/23 11:16	03/30/23 12:34	321-60-8	
Terphenyl-d14 (S)	95	%	19-191		1	03/28/23 11:16	03/30/23 12:34	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/28/23 11:16	03/30/23 12:34	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	03/28/23 11:16	03/30/23 12:34	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-164		1	03/28/23 11:16	03/30/23 12:34	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	0.097	0.041	1	03/30/23 14:57	03/30/23 16:36	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	79	%	69-194		1	03/30/23 14:57	03/30/23 16:36	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43BR-20230323 **Lab ID: 92658783009** Collected: 03/23/23 11:40 Received: 03/24/23 13:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	89	%	61-194		1	03/30/23 14:57	03/30/23 16:36	321-60-8	
Terphenyl-d14 (S)	94	%	69-180		1	03/30/23 14:57	03/30/23 16:36	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		03/27/23 23:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 23:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 23:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 23:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 23:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 23:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 23:21	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 23:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 23:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 23:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 23:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/27/23 23:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 23:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 23:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 23:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 23:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 23:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 23:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 23:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 23:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 23:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 23:21	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 23:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 23:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 23:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 23:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 23:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 23:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 23:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 23:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 23:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 23:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 23:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 23:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 23:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 23:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 23:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 23:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 23:21	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43BR-20230323 **Lab ID: 92658783009** Collected: 03/23/23 11:40 Received: 03/24/23 13:15 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 23:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 23:21	1634-04-4	
Naphthalene	**1.6**	ug/L	1.0	0.64	1		03/27/23 23:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 23:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 23:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 23:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 23:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 23:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 23:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 23:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 23:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 23:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 23:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 23:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 23:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 23:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 23:21	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/27/23 23:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 23:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 23:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/27/23 23:21	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/27/23 23:21	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 23:21	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**129**	mg/L	5.0	5.0	1		03/28/23 19:46		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.69**	mg/L	0.10	0.022	1		03/25/23 02:14	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**2.3**	mg/L	1.0	0.50	1		03/25/23 19:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**3.3**	mg/L	0.10	0.031	1		03/25/23 13:45	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.017J**	mg/L	0.040	0.017	1		03/29/23 13:26		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43BR-20230323 **Lab ID: 92658783009** Collected: 03/23/23 11:40 Received: 03/24/23 13:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**3.2**	mg/L	1.0	0.50	1		03/29/23 02:11	7440-44-0	
Total Organic Carbon	**2.8**	mg/L	1.0	0.50	1		03/29/23 02:11	7440-44-0	
Total Organic Carbon	**2.7**	mg/L	1.0	0.50	1		03/29/23 02:11	7440-44-0	
Total Organic Carbon	**2.5**	mg/L	1.0	0.50	1		03/29/23 02:11	7440-44-0	
Mean Total Organic Carbon	**2.8**	mg/L	1.0	0.50	1		03/29/23 02:11	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**116**	mg/L	5.0		1		03/28/23 19:46	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35BR-20230323 **Lab ID: 92658783010** Collected: 03/23/23 12:42 Received: 03/24/23 13:15 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	8.3	1.7	1	03/28/23 11:16	03/30/23 13:00	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 13:00	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 13:00	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/28/23 11:16	03/30/23 13:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 13:00	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/28/23 11:16	03/30/23 13:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 13:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 13:00	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/28/23 11:16	03/30/23 13:00	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/28/23 11:16	03/30/23 13:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 13:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/28/23 11:16	03/30/23 13:00	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/28/23 11:16	03/30/23 13:00	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/28/23 11:16	03/30/23 13:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/28/23 11:16	03/30/23 13:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 13:00	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 13:00	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 13:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 13:00	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/28/23 11:16	03/30/23 13:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 13:00	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 13:00	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/28/23 11:16	03/30/23 13:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 13:00	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 13:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 13:00	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 13:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 13:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/28/23 11:16	03/30/23 13:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/28/23 11:16	03/30/23 13:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 13:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 13:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/28/23 11:16	03/30/23 13:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/28/23 11:16	03/30/23 13:00	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 13:00	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 13:00	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 13:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 13:00	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 13:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/28/23 11:16	03/30/23 13:00	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/28/23 11:16	03/30/23 13:00	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 13:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 13:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 13:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/28/23 11:16	03/30/23 13:00	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35BR-20230323 **Lab ID: 92658783010** Collected: 03/23/23 12:42 Received: 03/24/23 13:15 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	16.7	2.5	1	03/28/23 11:16	03/30/23 13:00	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 13:00	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/28/23 11:16	03/30/23 13:00	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 13:00	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 13:00	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/28/23 11:16	03/30/23 13:00	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/28/23 11:16	03/30/23 13:00	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 13:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/28/23 11:16	03/30/23 13:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/28/23 11:16	03/30/23 13:00	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/28/23 11:16	03/30/23 13:00	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/28/23 11:16	03/30/23 13:00	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/28/23 11:16	03/30/23 13:00	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/28/23 11:16	03/30/23 13:00	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/28/23 11:16	03/30/23 13:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/28/23 11:16	03/30/23 13:00	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	54	%	10-138		1	03/28/23 11:16	03/30/23 13:00	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	03/28/23 11:16	03/30/23 13:00	321-60-8	
Terphenyl-d14 (S)	96	%	19-191		1	03/28/23 11:16	03/30/23 13:00	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	03/28/23 11:16	03/30/23 13:00	13127-88-3	
2-Fluorophenol (S)	39	%	10-130		1	03/28/23 11:16	03/30/23 13:00	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-164		1	03/28/23 11:16	03/30/23 13:00	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	03/30/23 14:57	03/30/23 16:57	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	69-194		1	03/30/23 14:57	03/30/23 16:57	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-194		1	03/30/23 14:57	03/30/23 16:57	321-60-8	
Terphenyl-d14 (S)	104	%	69-180		1	03/30/23 14:57	03/30/23 16:57	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		03/27/23 21:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 21:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 21:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 21:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 21:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 21:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 21:50	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 21:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 21:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 21:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 21:50	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-35BR-20230323 **Lab ID: 92658783010** Collected: 03/23/23 12:42 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 21:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 21:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 21:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 21:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 21:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 21:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 21:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 21:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 21:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 21:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 21:50	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 21:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 21:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 21:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 21:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 21:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 21:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 21:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 21:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 21:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 21:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 21:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 21:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 21:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 21:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 21:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 21:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 21:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 21:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 21:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 21:50	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 21:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 21:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 21:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 21:50	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 21:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 21:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 21:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 21:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 21:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 21:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 21:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 21:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 21:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 21:50	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-35BR-20230323 **Lab ID: 92658783010** Collected: 03/23/23 12:42 Received: 03/24/23 13:15 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		03/27/23 21:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 21:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 21:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 21:50	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/27/23 21:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 21:50	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-45S-20230323 **Lab ID: 92658783011** Collected: 03/23/23 14:35 Received: 03/24/23 13:15 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	8.7	1.7	1	03/28/23 11:16	03/30/23 13:26	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/28/23 11:16	03/30/23 13:26	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/28/23 11:16	03/30/23 13:26	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/28/23 11:16	03/30/23 13:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/28/23 11:16	03/30/23 13:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/28/23 11:16	03/30/23 13:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/28/23 11:16	03/30/23 13:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/28/23 11:16	03/30/23 13:26	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/28/23 11:16	03/30/23 13:26	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/28/23 11:16	03/30/23 13:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/28/23 11:16	03/30/23 13:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/28/23 11:16	03/30/23 13:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/28/23 11:16	03/30/23 13:26	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/28/23 11:16	03/30/23 13:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/28/23 11:16	03/30/23 13:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/28/23 11:16	03/30/23 13:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/28/23 11:16	03/30/23 13:26	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/28/23 11:16	03/30/23 13:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/28/23 11:16	03/30/23 13:26	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/28/23 11:16	03/30/23 13:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/28/23 11:16	03/30/23 13:26	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/28/23 11:16	03/30/23 13:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/28/23 11:16	03/30/23 13:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/28/23 11:16	03/30/23 13:26	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/28/23 11:16	03/30/23 13:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/28/23 11:16	03/30/23 13:26	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/28/23 11:16	03/30/23 13:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/28/23 11:16	03/30/23 13:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/28/23 11:16	03/30/23 13:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/28/23 11:16	03/30/23 13:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/28/23 11:16	03/30/23 13:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/28/23 11:16	03/30/23 13:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/28/23 11:16	03/30/23 13:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/28/23 11:16	03/30/23 13:26	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/28/23 11:16	03/30/23 13:26	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/28/23 11:16	03/30/23 13:26	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/28/23 11:16	03/30/23 13:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/28/23 11:16	03/30/23 13:26	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/28/23 11:16	03/30/23 13:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/28/23 11:16	03/30/23 13:26	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/28/23 11:16	03/30/23 13:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/28/23 11:16	03/30/23 13:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/28/23 11:16	03/30/23 13:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/28/23 11:16	03/30/23 13:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/28/23 11:16	03/30/23 13:26	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-45S-20230323 **Lab ID: 92658783011** Collected: 03/23/23 14:35 Received: 03/24/23 13:15 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	17.4	2.6	1	03/28/23 11:16	03/30/23 13:26	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/28/23 11:16	03/30/23 13:26	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/28/23 11:16	03/30/23 13:26	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/28/23 11:16	03/30/23 13:26	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/28/23 11:16	03/30/23 13:26	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/28/23 11:16	03/30/23 13:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/28/23 11:16	03/30/23 13:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/28/23 11:16	03/30/23 13:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/28/23 11:16	03/30/23 13:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/28/23 11:16	03/30/23 13:26	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/28/23 11:16	03/30/23 13:26	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/28/23 11:16	03/30/23 13:26	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/28/23 11:16	03/30/23 13:26	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/28/23 11:16	03/30/23 13:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/28/23 11:16	03/30/23 13:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/28/23 11:16	03/30/23 13:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	83	%	10-138		1	03/28/23 11:16	03/30/23 13:26	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/28/23 11:16	03/30/23 13:26	321-60-8	
Terphenyl-d14 (S)	96	%	19-191		1	03/28/23 11:16	03/30/23 13:26	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	03/28/23 11:16	03/30/23 13:26	13127-88-3	
2-Fluorophenol (S)	59	%	10-130		1	03/28/23 11:16	03/30/23 13:26	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-164		1	03/28/23 11:16	03/30/23 13:26	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	0.096	0.041	1	03/30/23 14:57	03/30/23 17:19	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	03/30/23 14:57	03/30/23 17:19	4165-60-0	
2-Fluorobiphenyl (S)	95	%	61-194		1	03/30/23 14:57	03/30/23 17:19	321-60-8	
Terphenyl-d14 (S)	79	%	69-180		1	03/30/23 14:57	03/30/23 17:19	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		03/31/23 16:32	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 16:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 16:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 16:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 16:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 16:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 16:32	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 16:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 16:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 16:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 16:32	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-45S-20230323 **Lab ID: 92658783011** Collected: 03/23/23 14:35 Received: 03/24/23 13:15 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	1.0	0.43	1		03/31/23 16:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 16:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 16:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 16:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 16:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 16:32	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 16:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 16:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 16:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 16:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 16:32	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 16:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 16:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 16:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 16:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 16:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 16:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 16:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 16:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 16:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 16:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 16:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 16:32	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 16:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 16:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 16:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 16:32	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 16:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 16:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 16:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 16:32	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 16:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 16:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 16:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 16:32	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 16:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 16:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 16:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 16:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 16:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 16:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 16:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 16:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 16:32	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-45S-20230323 **Lab ID: 92658783011** Collected: 03/23/23 14:35 Received: 03/24/23 13:15 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 16:32	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 16:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 16:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 16:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/31/23 16:32	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/31/23 16:32	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/31/23 16:32	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-30S-20230323 **Lab ID: 92658783012** Collected: 03/23/23 14:10 Received: 03/24/23 13:15 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	03/29/23 15:12	03/30/23 20:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:14	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:14	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/29/23 15:12	03/30/23 20:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 20:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/29/23 15:12	03/30/23 20:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 20:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 20:14	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/29/23 15:12	03/30/23 20:14	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/29/23 15:12	03/30/23 20:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 20:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/29/23 15:12	03/30/23 20:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/29/23 15:12	03/30/23 20:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/29/23 15:12	03/30/23 20:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 20:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:14	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 20:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:14	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 20:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 20:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 20:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/29/23 15:12	03/30/23 20:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:14	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 20:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/29/23 15:12	03/30/23 20:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/29/23 15:12	03/30/23 20:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/29/23 15:12	03/30/23 20:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/29/23 15:12	03/30/23 20:14	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:14	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 20:14	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/29/23 15:12	03/30/23 20:14	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:14	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 20:14	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-30S-20230323 **Lab ID: 92658783012** Collected: 03/23/23 14:10 Received: 03/24/23 13:15 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	03/29/23 15:12	03/30/23 20:14	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 20:14	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/29/23 15:12	03/30/23 20:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:14	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/29/23 15:12	03/30/23 20:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/29/23 15:12	03/30/23 20:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 20:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 20:14	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 20:14	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:14	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:14	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:14	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-138		1	03/29/23 15:12	03/30/23 20:14	4165-60-0	
2-Fluorobiphenyl (S)	76	%	10-130		1	03/29/23 15:12	03/30/23 20:14	321-60-8	
Terphenyl-d14 (S)	101	%	19-191		1	03/29/23 15:12	03/30/23 20:14	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/29/23 15:12	03/30/23 20:14	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/29/23 15:12	03/30/23 20:14	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-164		1	03/29/23 15:12	03/30/23 20:14	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	0.099	0.042	1	03/30/23 14:57	03/30/23 17:41	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	69-194		1	03/30/23 14:57	03/30/23 17:41	4165-60-0	
2-Fluorobiphenyl (S)	97	%	61-194		1	03/30/23 14:57	03/30/23 17:41	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	03/30/23 14:57	03/30/23 17:41	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		03/27/23 22:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 22:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 22:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 22:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 22:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 22:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 22:09	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 22:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 22:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 22:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 22:09	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-30S-20230323 **Lab ID: 92658783012** Collected: 03/23/23 14:10 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 22:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 22:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 22:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 22:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 22:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 22:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 22:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 22:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 22:09	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 22:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 22:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 22:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 22:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 22:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 22:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 22:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 22:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 22:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 22:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 22:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 22:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 22:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 22:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 22:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 22:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 22:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 22:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 22:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 22:09	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 22:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 22:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 22:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 22:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 22:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 22:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 22:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 22:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 22:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 22:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 22:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 22:09	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-30S-20230323 **Lab ID: 92658783012** Collected: 03/23/23 14:10 Received: 03/24/23 13:15 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		03/27/23 22:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 22:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 22:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 22:09	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/27/23 22:09	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 22:09	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-3-20230323 **Lab ID: 92658783013** Collected: 03/23/23 14:06 Received: 03/24/23 13:15 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	**17.1**	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:40	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:40	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:40	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/29/23 15:12	03/30/23 20:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 20:40	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/29/23 15:12	03/30/23 20:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 20:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 20:40	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/29/23 15:12	03/30/23 20:40	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/29/23 15:12	03/30/23 20:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 20:40	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/29/23 15:12	03/30/23 20:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/29/23 15:12	03/30/23 20:40	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/29/23 15:12	03/30/23 20:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 20:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:40	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:40	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 20:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:40	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 20:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 20:40	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 20:40	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/29/23 15:12	03/30/23 20:40	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:40	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:40	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:40	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 20:40	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/29/23 15:12	03/30/23 20:40	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/29/23 15:12	03/30/23 20:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:40	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/29/23 15:12	03/30/23 20:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/29/23 15:12	03/30/23 20:40	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:40	206-44-0	
Fluorene	**6.5J**	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 20:40	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:40	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/29/23 15:12	03/30/23 20:40	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 20:40	78-59-1	
1-Methylnaphthalene	**21.6**	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:40	90-12-0	
2-Methylnaphthalene	**3.5J**	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 20:40	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-3-20230323 **Lab ID: 92658783013** Collected: 03/23/23 14:06 Received: 03/24/23 13:15 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	03/29/23 15:12	03/30/23 20:40	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 20:40	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/29/23 15:12	03/30/23 20:40	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:40	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:40	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/29/23 15:12	03/30/23 20:40	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 20:40	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/29/23 15:12	03/30/23 20:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 20:40	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 20:40	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 20:40	87-86-5	
Phenanthrene	**7.8J**	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 20:40	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:40	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 20:40	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 20:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 20:40	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	10-138		1	03/29/23 15:12	03/30/23 20:40	4165-60-0	
2-Fluorobiphenyl (S)	51	%	10-130		1	03/29/23 15:12	03/30/23 20:40	321-60-8	
Terphenyl-d14 (S)	97	%	19-191		1	03/29/23 15:12	03/30/23 20:40	1718-51-0	
Phenol-d6 (S)	34	%	10-130		1	03/29/23 15:12	03/30/23 20:40	13127-88-3	
2-Fluorophenol (S)	33	%	10-130		1	03/29/23 15:12	03/30/23 20:40	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-164		1	03/29/23 15:12	03/30/23 20:40	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	0.045	1	03/28/23 15:35	03/29/23 17:45	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	76	%	69-194		1	03/28/23 15:35	03/29/23 17:45	4165-60-0	
2-Fluorobiphenyl (S)	83	%	61-194		1	03/28/23 15:35	03/29/23 17:45	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	03/28/23 15:35	03/29/23 17:45	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		03/27/23 22:27	67-64-1	
Benzene	**17.2**	ug/L	1.0	0.34	1		03/27/23 22:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 22:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 22:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 22:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 22:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 22:27	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 22:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 22:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 22:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 22:27	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-3-20230323 **Lab ID: 92658783013** Collected: 03/23/23 14:06 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 22:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 22:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 22:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 22:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 22:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 22:27	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 22:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 22:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 22:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 22:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 22:27	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 22:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 22:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 22:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 22:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 22:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 22:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 22:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 22:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 22:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 22:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 22:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 22:27	108-20-3	
Ethylbenzene	**6.0**	ug/L	1.0	0.30	1		03/27/23 22:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 22:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 22:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 22:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 22:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 22:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 22:27	1634-04-4	
Naphthalene	**27.8**	ug/L	1.0	0.64	1		03/27/23 22:27	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 22:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 22:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 22:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 22:27	127-18-4	
Toluene	**0.54J**	ug/L	1.0	0.48	1		03/27/23 22:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 22:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 22:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 22:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 22:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 22:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 22:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 22:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 22:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 22:27	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-3-20230323 **Lab ID: 92658783013** Collected: 03/23/23 14:06 Received: 03/24/23 13:15 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)	**5.5**	ug/L	1.0	0.34	1		03/27/23 22:27	1330-20-7	
m&p-Xylene	**3.1**	ug/L	2.0	0.71	1		03/27/23 22:27	179601-23-1	
o-Xylene	**2.4**	ug/L	1.0	0.34	1		03/27/23 22:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/23 22:27	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/27/23 22:27	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/27/23 22:27	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-30TZ-20230323 **Lab ID: 92658783014** Collected: 03/23/23 14:55 Received: 03/24/23 13:15 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	03/29/23 15:12	03/30/23 21:06	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:06	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:06	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/29/23 15:12	03/30/23 21:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 21:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/29/23 15:12	03/30/23 21:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 21:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 21:06	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/29/23 15:12	03/30/23 21:06	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/29/23 15:12	03/30/23 21:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 21:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/29/23 15:12	03/30/23 21:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/29/23 15:12	03/30/23 21:06	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/29/23 15:12	03/30/23 21:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 21:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:06	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:06	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 21:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:06	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 21:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 21:06	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 21:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/29/23 15:12	03/30/23 21:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:06	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:06	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 21:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/29/23 15:12	03/30/23 21:06	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/29/23 15:12	03/30/23 21:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/29/23 15:12	03/30/23 21:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/29/23 15:12	03/30/23 21:06	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:06	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 21:06	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:06	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/29/23 15:12	03/30/23 21:06	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:06	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 21:06	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-30TZ-20230323 **Lab ID: 92658783014** Collected: 03/23/23 14:55 Received: 03/24/23 13:15 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	03/29/23 15:12	03/30/23 21:06	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 21:06	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/29/23 15:12	03/30/23 21:06	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:06	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:06	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/29/23 15:12	03/30/23 21:06	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:06	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/29/23 15:12	03/30/23 21:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 21:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 21:06	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 21:06	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:06	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:06	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-138		1	03/29/23 15:12	03/30/23 21:06	4165-60-0	
2-Fluorobiphenyl (S)	60	%	10-130		1	03/29/23 15:12	03/30/23 21:06	321-60-8	
Terphenyl-d14 (S)	93	%	19-191		1	03/29/23 15:12	03/30/23 21:06	1718-51-0	
Phenol-d6 (S)	21	%	10-130		1	03/29/23 15:12	03/30/23 21:06	13127-88-3	
2-Fluorophenol (S)	36	%	10-130		1	03/29/23 15:12	03/30/23 21:06	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-164		1	03/29/23 15:12	03/30/23 21:06	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	03/30/23 14:57	03/30/23 18:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/30/23 14:57	03/30/23 18:03	4165-60-0	
2-Fluorobiphenyl (S)	103	%	61-194		1	03/30/23 14:57	03/30/23 18:03	321-60-8	
Terphenyl-d14 (S)	96	%	69-180		1	03/30/23 14:57	03/30/23 18:03	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		03/27/23 22:45	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 22:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 22:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 22:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 22:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 22:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 22:45	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 22:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 22:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 22:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 22:45	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-30TZ-20230323 **Lab ID: 92658783014** Collected: 03/23/23 14:55 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 22:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 22:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 22:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 22:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 22:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 22:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 22:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 22:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 22:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 22:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 22:45	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 22:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 22:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 22:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 22:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 22:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 22:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 22:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 22:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 22:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 22:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 22:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 22:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 22:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 22:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 22:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 22:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 22:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 22:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 22:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 22:45	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 22:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 22:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 22:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 22:45	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 22:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 22:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 22:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 22:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 22:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 22:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 22:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 22:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 22:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 22:45	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-30TZ-20230323 **Lab ID: 92658783014** Collected: 03/23/23 14:55 Received: 03/24/23 13:15 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		03/27/23 22:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 22:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 22:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 22:45	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/27/23 22:45	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/27/23 22:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-3BR-20230323 **Lab ID: 92658783015** Collected: 03/23/23 15:00 Received: 03/24/23 13:15 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	**19.7**	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 21:31	83-32-9	
Acenaphthylene	**65.7**	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 21:31	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 21:31	62-53-3	
Anthracene	**2.4J**	ug/L	8.3	1.9	1	03/29/23 15:12	03/30/23 21:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/29/23 15:12	03/30/23 21:31	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/29/23 15:12	03/30/23 21:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/29/23 15:12	03/30/23 21:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/29/23 15:12	03/30/23 21:31	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/29/23 15:12	03/30/23 21:31	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/29/23 15:12	03/30/23 21:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/29/23 15:12	03/30/23 21:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/29/23 15:12	03/30/23 21:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/29/23 15:12	03/30/23 21:31	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/29/23 15:12	03/30/23 21:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/29/23 15:12	03/30/23 21:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 21:31	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 21:31	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/29/23 15:12	03/30/23 21:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 21:31	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/29/23 15:12	03/30/23 21:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/29/23 15:12	03/30/23 21:31	53-70-3	
Dibenzofuran	**4.4J**	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 21:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/29/23 15:12	03/30/23 21:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 21:31	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 21:31	84-66-2	
2,4-Dimethylphenol	**53.3**	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 21:31	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 21:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 21:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/29/23 15:12	03/30/23 21:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/29/23 15:12	03/30/23 21:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 21:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 21:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/29/23 15:12	03/30/23 21:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/29/23 15:12	03/30/23 21:31	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 21:31	206-44-0	
Fluorene	**15.7**	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 21:31	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 21:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/29/23 15:12	03/30/23 21:31	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 21:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/29/23 15:12	03/30/23 21:31	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 21:31	78-59-1	
1-Methylnaphthalene	**87.6**	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 21:31	90-12-0	
2-Methylnaphthalene	**154**	ug/L	16.7	3.1	2	03/29/23 15:12	03/31/23 10:36	91-57-6	
2-Methylphenol(o-Cresol)	**2.4J**	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 21:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	**1.4J**	ug/L	8.3	1.0	1	03/29/23 15:12	03/30/23 21:31	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-3BR-20230323 **Lab ID: 92658783015** Collected: 03/23/23 15:00 Received: 03/24/23 13:15 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	16.7	2.5	1	03/29/23 15:12	03/30/23 21:31	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/29/23 15:12	03/30/23 21:31	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/29/23 15:12	03/30/23 21:31	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 21:31	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 21:31	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/29/23 15:12	03/30/23 21:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 21:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/29/23 15:12	03/30/23 21:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/29/23 15:12	03/30/23 21:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/29/23 15:12	03/30/23 21:31	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/29/23 15:12	03/30/23 21:31	87-86-5	
Phenanthrene	**12.6**	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 21:31	85-01-8	
Phenol	**3.2J**	ug/L	8.3	1.1	1	03/29/23 15:12	03/30/23 21:31	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 21:31	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 21:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/29/23 15:12	03/30/23 21:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	49	%	10-138		1	03/29/23 15:12	03/30/23 21:31	4165-60-0	
2-Fluorobiphenyl (S)	46	%	10-130		1	03/29/23 15:12	03/30/23 21:31	321-60-8	
Terphenyl-d14 (S)	96	%	19-191		1	03/29/23 15:12	03/30/23 21:31	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	03/29/23 15:12	03/30/23 21:31	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	03/29/23 15:12	03/30/23 21:31	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-164		1	03/29/23 15:12	03/30/23 21:31	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	03/28/23 15:35	03/29/23 18:29	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/28/23 15:35	03/29/23 18:29	4165-60-0	
2-Fluorobiphenyl (S)	93	%	61-194		1	03/28/23 15:35	03/29/23 18:29	321-60-8	
Terphenyl-d14 (S)	116	%	69-180		1	03/28/23 15:35	03/29/23 18:29	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		03/31/23 14:43	67-64-1	
Benzene	**298**	ug/L	12.5	4.3	12.5		03/31/23 14:43	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 14:43	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/31/23 14:43	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/31/23 14:43	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		03/31/23 14:43	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/31/23 14:43	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/31/23 14:43	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/31/23 14:43	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 14:43	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/31/23 14:43	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-3BR-20230323 **Lab ID: 92658783015** Collected: 03/23/23 15:00 Received: 03/24/23 13:15 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	5.4	12.5		03/31/23 14:43	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/31/23 14:43	74-87-3	
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 14:43	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 14:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/31/23 14:43	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/31/23 14:43	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/31/23 14:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 14:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 14:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 14:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/31/23 14:43	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/31/23 14:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/31/23 14:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/31/23 14:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 14:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/31/23 14:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/31/23 14:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/31/23 14:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/31/23 14:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/31/23 14:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/31/23 14:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/31/23 14:43	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/31/23 14:43	108-20-3	
Ethylbenzene	**62.2**	ug/L	12.5	3.8	12.5		03/31/23 14:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/31/23 14:43	87-68-3	
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/31/23 14:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/31/23 14:43	99-87-6	
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		03/31/23 14:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/31/23 14:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/31/23 14:43	1634-04-4	
Naphthalene	**2050**	ug/L	12.5	8.1	12.5		03/31/23 14:43	91-20-3	
Styrene	**28.4**	ug/L	12.5	3.6	12.5		03/31/23 14:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/31/23 14:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/31/23 14:43	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/31/23 14:43	127-18-4	
Toluene	**131**	ug/L	12.5	6.1	12.5		03/31/23 14:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/31/23 14:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/31/23 14:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/31/23 14:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/31/23 14:43	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 14:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/31/23 14:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/31/23 14:43	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/31/23 14:43	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-3BR-20230323 **Lab ID: 92658783015** Collected: 03/23/23 15:00 Received: 03/24/23 13:15 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								
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/31/23 14:43	75-01-4	
Xylene (Total)	**124**	ug/L	12.5	4.2	12.5		03/31/23 14:43	1330-20-7	
m&p-Xylene	**80.2**	ug/L	25.0	8.9	12.5		03/31/23 14:43	179601-23-1	
o-Xylene	**43.4**	ug/L	12.5	4.2	12.5		03/31/23 14:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		12.5		03/31/23 14:43	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		12.5		03/31/23 14:43	17060-07-0	
Toluene-d8 (S)	100	%	70-130		12.5		03/31/23 14:43	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-20-20230323 **Lab ID: 92658783016** Collected: 03/23/23 15:01 Received: 03/24/23 13:15 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	**182**	ug/L	50.0	10.0	5	03/29/23 15:12	03/31/23 11:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:57	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:57	62-53-3	
Anthracene	**5.7J**	ug/L	10.0	2.3	1	03/29/23 15:12	03/30/23 21:57	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 21:57	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/29/23 15:12	03/30/23 21:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 21:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/29/23 15:12	03/30/23 21:57	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/29/23 15:12	03/30/23 21:57	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/29/23 15:12	03/30/23 21:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 21:57	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/29/23 15:12	03/30/23 21:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/29/23 15:12	03/30/23 21:57	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/29/23 15:12	03/30/23 21:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/29/23 15:12	03/30/23 21:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:57	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:57	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 21:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:57	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/29/23 15:12	03/30/23 21:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 21:57	53-70-3	
Dibenzofuran	**13.5**	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 21:57	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/29/23 15:12	03/30/23 21:57	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:57	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:57	84-66-2	
2,4-Dimethylphenol	**5.6J**	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:57	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 21:57	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/29/23 15:12	03/30/23 21:57	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/29/23 15:12	03/30/23 21:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:57	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/29/23 15:12	03/30/23 21:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/29/23 15:12	03/30/23 21:57	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:57	206-44-0	
Fluorene	**45.6**	ug/L	10.0	2.1	1	03/29/23 15:12	03/30/23 21:57	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:57	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/29/23 15:12	03/30/23 21:57	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/29/23 15:12	03/30/23 21:57	78-59-1	
1-Methylnaphthalene	**374**	ug/L	50.0	10.2	5	03/29/23 15:12	03/31/23 11:02	90-12-0	
2-Methylnaphthalene	**497**	ug/L	50.0	9.4	5	03/29/23 15:12	03/31/23 11:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 21:57	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-20-20230323 **Lab ID: 92658783016** Collected: 03/23/23 15:01 Received: 03/24/23 13:15 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	03/29/23 15:12	03/30/23 21:57	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 21:57	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/29/23 15:12	03/30/23 21:57	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:57	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:57	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/29/23 15:12	03/30/23 21:57	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/29/23 15:12	03/30/23 21:57	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/29/23 15:12	03/30/23 21:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/29/23 15:12	03/30/23 21:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/29/23 15:12	03/30/23 21:57	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/29/23 15:12	03/30/23 21:57	87-86-5	
Phenanthrene	**41.9**	ug/L	10.0	2.0	1	03/29/23 15:12	03/30/23 21:57	85-01-8	
Phenol	**1.4J**	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:57	108-95-2	
Pyrene	**2.3J**	ug/L	10.0	2.2	1	03/29/23 15:12	03/30/23 21:57	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/29/23 15:12	03/30/23 21:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/29/23 15:12	03/30/23 21:57	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-138		1	03/29/23 15:12	03/30/23 21:57	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/29/23 15:12	03/30/23 21:57	321-60-8	
Terphenyl-d14 (S)	93	%	19-191		1	03/29/23 15:12	03/30/23 21:57	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/29/23 15:12	03/30/23 21:57	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/29/23 15:12	03/30/23 21:57	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-164		1	03/29/23 15:12	03/30/23 21:57	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	0.044	1	03/28/23 15:35	03/29/23 18:51	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	69-194		1	03/28/23 15:35	03/29/23 18:51	4165-60-0	
2-Fluorobiphenyl (S)	77	%	61-194		1	03/28/23 15:35	03/29/23 18:51	321-60-8	
Terphenyl-d14 (S)	104	%	69-180		1	03/28/23 15:35	03/29/23 18:51	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	625	128	25		03/30/23 19:12	67-64-1	
Benzene	**202**	ug/L	25.0	8.6	25		03/30/23 19:12	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		03/30/23 19:12	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		03/30/23 19:12	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		03/30/23 19:12	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		03/30/23 19:12	75-25-2	
Bromomethane	ND	ug/L	50.0	41.5	25		03/30/23 19:12	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	125	99.0	25		03/30/23 19:12	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		03/30/23 19:12	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		03/30/23 19:12	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		03/30/23 19:12	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 MGP J23030238
Pace Project No.: 92658783

Sample: MW-20-20230323 **Lab ID: 92658783016** Collected: 03/23/23 15:01 Received: 03/24/23 13:15 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	10.8	25		03/30/23 19:12	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		03/30/23 19:12	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		03/30/23 19:12	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		03/30/23 19:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		03/30/23 19:12	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		03/30/23 19:12	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		03/30/23 19:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/30/23 19:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		03/30/23 19:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		03/30/23 19:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		03/30/23 19:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		03/30/23 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		03/30/23 19:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		03/30/23 19:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		03/30/23 19:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		03/30/23 19:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		03/30/23 19:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		03/30/23 19:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		03/30/23 19:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		03/30/23 19:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/30/23 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		03/30/23 19:12	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		03/30/23 19:12	108-20-3	
Ethylbenzene	**184**	ug/L	25.0	7.6	25		03/30/23 19:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		03/30/23 19:12	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		03/30/23 19:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		03/30/23 19:12	99-87-6	
Methylene Chloride	ND	ug/L	125	48.8	25		03/30/23 19:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		03/30/23 19:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		03/30/23 19:12	1634-04-4	
Naphthalene	**4420**	ug/L	25.0	16.1	25		03/30/23 19:12	91-20-3	
Styrene	ND	ug/L	25.0	7.3	25		03/30/23 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		03/30/23 19:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		03/30/23 19:12	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		03/30/23 19:12	127-18-4	
Toluene	**21.9J**	ug/L	25.0	12.1	25		03/30/23 19:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		03/30/23 19:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		03/30/23 19:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		03/30/23 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		03/30/23 19:12	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		03/30/23 19:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		03/30/23 19:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		03/30/23 19:12	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		03/30/23 19:12	108-05-4	IK
Vinyl chloride	ND	ug/L	25.0	9.6	25		03/30/23 19:12	75-01-4	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-20-20230323 **Lab ID: 92658783016** Collected: 03/23/23 15:01 Received: 03/24/23 13:15 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)	**216**	ug/L	25.0	8.4	25		03/30/23 19:12	1330-20-7	
m&p-Xylene	**157**	ug/L	50.0	17.7	25		03/30/23 19:12	179601-23-1	
o-Xylene	**59.0**	ug/L	25.0	8.4	25		03/30/23 19:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		25		03/30/23 19:12	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		25		03/30/23 19:12	17060-07-0	
Toluene-d8 (S)	111	%	70-130		25		03/30/23 19:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43TZ-20230323 **Lab ID: 92658783017** Collected: 03/23/23 15:35 Received: 03/24/23 13:15 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	9.1	1.8	1	03/29/23 15:12	03/30/23 22:23	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	03/29/23 15:12	03/30/23 22:23	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/29/23 15:12	03/30/23 22:23	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/29/23 15:12	03/30/23 22:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/29/23 15:12	03/30/23 22:23	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/29/23 15:12	03/30/23 22:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/29/23 15:12	03/30/23 22:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/29/23 15:12	03/30/23 22:23	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	03/29/23 15:12	03/30/23 22:23	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/29/23 15:12	03/30/23 22:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/29/23 15:12	03/30/23 22:23	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/29/23 15:12	03/30/23 22:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/29/23 15:12	03/30/23 22:23	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/29/23 15:12	03/30/23 22:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/29/23 15:12	03/30/23 22:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/29/23 15:12	03/30/23 22:23	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/29/23 15:12	03/30/23 22:23	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/29/23 15:12	03/30/23 22:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/29/23 15:12	03/30/23 22:23	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/29/23 15:12	03/30/23 22:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/29/23 15:12	03/30/23 22:23	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	03/29/23 15:12	03/30/23 22:23	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/29/23 15:12	03/30/23 22:23	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/29/23 15:12	03/30/23 22:23	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/29/23 15:12	03/30/23 22:23	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	03/29/23 15:12	03/30/23 22:23	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/29/23 15:12	03/30/23 22:23	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/29/23 15:12	03/30/23 22:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/29/23 15:12	03/30/23 22:23	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/29/23 15:12	03/30/23 22:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/29/23 15:12	03/30/23 22:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/29/23 15:12	03/30/23 22:23	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/29/23 15:12	03/30/23 22:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/29/23 15:12	03/30/23 22:23	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/29/23 15:12	03/30/23 22:23	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	03/29/23 15:12	03/30/23 22:23	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/29/23 15:12	03/30/23 22:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/29/23 15:12	03/30/23 22:23	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/29/23 15:12	03/30/23 22:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/29/23 15:12	03/30/23 22:23	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/29/23 15:12	03/30/23 22:23	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	03/29/23 15:12	03/30/23 22:23	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	03/29/23 15:12	03/30/23 22:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/29/23 15:12	03/30/23 22:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	03/29/23 15:12	03/30/23 22:23	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43TZ-20230323 **Lab ID: 92658783017** Collected: 03/23/23 15:35 Received: 03/24/23 13:15 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	18.2	2.7	1	03/29/23 15:12	03/30/23 22:23	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/29/23 15:12	03/30/23 22:23	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/29/23 15:12	03/30/23 22:23	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/29/23 15:12	03/30/23 22:23	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/29/23 15:12	03/30/23 22:23	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/29/23 15:12	03/30/23 22:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/29/23 15:12	03/30/23 22:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/29/23 15:12	03/30/23 22:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/29/23 15:12	03/30/23 22:23	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/29/23 15:12	03/30/23 22:23	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/29/23 15:12	03/30/23 22:23	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	03/29/23 15:12	03/30/23 22:23	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	03/29/23 15:12	03/30/23 22:23	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/29/23 15:12	03/30/23 22:23	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/29/23 15:12	03/30/23 22:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/29/23 15:12	03/30/23 22:23	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-138		1	03/29/23 15:12	03/30/23 22:23	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/29/23 15:12	03/30/23 22:23	321-60-8	
Terphenyl-d14 (S)	98	%	19-191		1	03/29/23 15:12	03/30/23 22:23	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	03/29/23 15:12	03/30/23 22:23	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		1	03/29/23 15:12	03/30/23 22:23	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-164		1	03/29/23 15:12	03/30/23 22:23	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	0.096	0.041	1	03/29/23 14:59	03/30/23 10:02	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	69-194		1	03/29/23 14:59	03/30/23 10:02	4165-60-0	
2-Fluorobiphenyl (S)	116	%	61-194		1	03/29/23 14:59	03/30/23 10:02	321-60-8	
Terphenyl-d14 (S)	111	%	69-180		1	03/29/23 14:59	03/30/23 10:02	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		03/27/23 23:03	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 23:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 23:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 23:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 23:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 23:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 23:03	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 23:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 23:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 23:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43TZ-20230323 **Lab ID: 92658783017** Collected: 03/23/23 15:35 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 23:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 23:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 23:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 23:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 23:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 23:03	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 23:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 23:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 23:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 23:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 23:03	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 23:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 23:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 23:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 23:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 23:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 23:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 23:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 23:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 23:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 23:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 23:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 23:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 23:03	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 23:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 23:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 23:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 23:03	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 23:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 23:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 23:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 23:03	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 23:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 23:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 23:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 23:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 23:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 23:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 23:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 23:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 23:03	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: MW-43TZ-20230323 **Lab ID: 92658783017** Collected: 03/23/23 15:35 Received: 03/24/23 13:15 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		03/27/23 23:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 23:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 23:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/27/23 23:03	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/27/23 23:03	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/27/23 23:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: EB-04-20230323 **Lab ID: 92658783018** Collected: 03/23/23 16:10 Received: 03/24/23 13:15 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	8.3	1.7	1	03/29/23 15:12	03/30/23 22:48	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 22:48	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 22:48	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/29/23 15:12	03/30/23 22:48	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/29/23 15:12	03/30/23 22:48	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/29/23 15:12	03/30/23 22:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/29/23 15:12	03/30/23 22:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/29/23 15:12	03/30/23 22:48	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/29/23 15:12	03/30/23 22:48	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/29/23 15:12	03/30/23 22:48	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/29/23 15:12	03/30/23 22:48	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/29/23 15:12	03/30/23 22:48	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/29/23 15:12	03/30/23 22:48	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/29/23 15:12	03/30/23 22:48	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/29/23 15:12	03/30/23 22:48	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 22:48	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 22:48	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/29/23 15:12	03/30/23 22:48	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 22:48	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/29/23 15:12	03/30/23 22:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/29/23 15:12	03/30/23 22:48	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 22:48	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/29/23 15:12	03/30/23 22:48	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 22:48	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 22:48	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 22:48	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 22:48	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 22:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/29/23 15:12	03/30/23 22:48	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/29/23 15:12	03/30/23 22:48	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 22:48	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 22:48	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/29/23 15:12	03/30/23 22:48	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/29/23 15:12	03/30/23 22:48	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 22:48	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 22:48	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 22:48	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/29/23 15:12	03/30/23 22:48	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 22:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/29/23 15:12	03/30/23 22:48	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/29/23 15:12	03/30/23 22:48	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 22:48	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 22:48	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 22:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/29/23 15:12	03/30/23 22:48	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: EB-04-20230323 **Lab ID: 92658783018** Collected: 03/23/23 16:10 Received: 03/24/23 13:15 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	16.7	2.5	1	03/29/23 15:12	03/30/23 22:48	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/29/23 15:12	03/30/23 22:48	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/29/23 15:12	03/30/23 22:48	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 22:48	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 22:48	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/29/23 15:12	03/30/23 22:48	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/29/23 15:12	03/30/23 22:48	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/29/23 15:12	03/30/23 22:48	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/29/23 15:12	03/30/23 22:48	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/29/23 15:12	03/30/23 22:48	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/29/23 15:12	03/30/23 22:48	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/29/23 15:12	03/30/23 22:48	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/29/23 15:12	03/30/23 22:48	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/29/23 15:12	03/30/23 22:48	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/29/23 15:12	03/30/23 22:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/29/23 15:12	03/30/23 22:48	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-138		1	03/29/23 15:12	03/30/23 22:48	4165-60-0	
2-Fluorobiphenyl (S)	74	%	10-130		1	03/29/23 15:12	03/30/23 22:48	321-60-8	
Terphenyl-d14 (S)	103	%	19-191		1	03/29/23 15:12	03/30/23 22:48	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	03/29/23 15:12	03/30/23 22:48	13127-88-3	
2-Fluorophenol (S)	59	%	10-130		1	03/29/23 15:12	03/30/23 22:48	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-164		1	03/29/23 15:12	03/30/23 22:48	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	0.099	0.042	1	03/28/23 15:37	03/29/23 10:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	77	%	69-194		1	03/28/23 15:37	03/29/23 10:52	4165-60-0	
2-Fluorobiphenyl (S)	93	%	61-194		1	03/28/23 15:37	03/29/23 10:52	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	03/28/23 15:37	03/29/23 10:52	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		03/27/23 19:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 19:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 19:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 19:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 19:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 19:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 19:25	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 19:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 19:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 19:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 19:25	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 MGP J23030238
Pace Project No.: 92658783

Sample: EB-04-20230323 **Lab ID: 92658783018** Collected: 03/23/23 16:10 Received: 03/24/23 13:15 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	1.0	0.43	1		03/27/23 19:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 19:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 19:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 19:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 19:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 19:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 19:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 19:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 19:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 19:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 19:25	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 19:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 19:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 19:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 19:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 19:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 19:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 19:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 19:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 19:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 19:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 19:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 19:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 19:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 19:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 19:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 19:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 19:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 19:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 19:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 19:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 19:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 19:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/27/23 19:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 19:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 19:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 19:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 19:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 19:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 19:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 19:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 19:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 19:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 19:25	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: EB-04-20230323 **Lab ID: 92658783018** Collected: 03/23/23 16:10 Received: 03/24/23 13:15 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		03/27/23 19:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 19:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 19:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/27/23 19:25	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/27/23 19:25	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 19:25	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: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: TB-07-20230323 **Lab ID: 92658783019** Collected: 03/23/23 00:00 Received: 03/24/23 13:15 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		03/27/23 18:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 18:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 18:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 18:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 18:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 18:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 18:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 18:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 18:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 18:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 18:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/27/23 18:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 18:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 18:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 18:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 18:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 18:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 18:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 18:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 18:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 18:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 18:49	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 18:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 18:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 18:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 18:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 18:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 18:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 18:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 18:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 18:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 18:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 18:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 18:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 18:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 18:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 18:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 18:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 18:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 18:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 18:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 18:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 18:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 18:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 18:49	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 MGP J23030238
Pace Project No.: 92658783

Sample: TB-07-20230323 **Lab ID: 92658783019** Collected: 03/23/23 00:00 Received: 03/24/23 13:15 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		03/27/23 18:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 18:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 18:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 18:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 18:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 18:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 18:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 18:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 18:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 18:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 18:49	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/27/23 18:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 18:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 18:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/27/23 18:49	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/27/23 18:49	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/27/23 18:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

Sample: TB-08-20230323 **Lab ID: 92658783020** Collected: 03/23/23 00:00 Received: 03/24/23 13:15 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		03/27/23 19:07	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/27/23 19:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/27/23 19:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/27/23 19:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/27/23 19:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/27/23 19:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/27/23 19:07	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/27/23 19:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/27/23 19:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/27/23 19:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/27/23 19:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/27/23 19:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/27/23 19:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 19:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/27/23 19:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/27/23 19:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/27/23 19:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/27/23 19:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 19:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/27/23 19:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/27/23 19:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/27/23 19:07	75-71-8	v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/27/23 19:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 19:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/27/23 19:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 19:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/27/23 19:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/27/23 19:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/27/23 19:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/27/23 19:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/27/23 19:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 19:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/27/23 19:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/27/23 19:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/27/23 19:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/27/23 19:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/27/23 19:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/27/23 19:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/27/23 19:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/27/23 19:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/27/23 19:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/27/23 19:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/27/23 19:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/27/23 19:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/27/23 19:07	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 MGP J23030238
Pace Project No.: 92658783

Sample: TB-08-20230323 **Lab ID: 92658783020** Collected: 03/23/23 00:00 Received: 03/24/23 13:15 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		03/27/23 19:07	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/27/23 19:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/27/23 19:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/27/23 19:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/27/23 19:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/27/23 19:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/27/23 19:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/27/23 19:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/27/23 19:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/27/23 19:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/27/23 19:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/27/23 19:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/27/23 19:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/27/23 19:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/27/23 19:07	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/27/23 19:07	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/27/23 19:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 763989
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658783009

METHOD BLANK: 3967370 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/27/23 13:39	
Ethene	ug/L	ND	10.0	5.7	03/27/23 13:39	
Methane	ug/L	ND	10.0	5.3	03/27/23 13:39	

LABORATORY CONTROL SAMPLE: 3967371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	532	95	70-130	
Ethene	ug/L	520	496	95	70-130	
Methane	ug/L	297	279	94	70-130	

MATRIX SPIKE SAMPLE: 3967373

Parameter	Units	92658356012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	523	94	70-130	
Ethene	ug/L	ND	520	487	93	70-130	
Methane	ug/L	2760	297	2860	34	70-130	M1

SAMPLE DUPLICATE: 3967372

Parameter	Units	92658356004 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	ND	5.6J		20	

SAMPLE DUPLICATE: 3968031

Parameter	Units	92658554003 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	7.1J	5.4J		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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 763853
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658783009

METHOD BLANK: 3966998 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/26/23 17:25	
Manganese	ug/L	ND	5.0	3.4	03/26/23 17:25	

LABORATORY CONTROL SAMPLE: 3966999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4830	97	80-120	
Manganese	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3967000 3967001

Parameter	Units	92658783009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	171	5000	5000	4830	4800	93	93	75-125	1	20	
Manganese	ug/L	141	500	500	621	615	96	95	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

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 763848
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658783009

METHOD BLANK: 3966976 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/26/23 16:57	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/26/23 16:57	

LABORATORY CONTROL SAMPLE: 3966977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4450	89	80-120	
Manganese, Dissolved	ug/L	500	458	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966978 3966979

Parameter	Units	92658783009 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	83.1	5000	5000	4510	4500	88	88	75-125	0	20	
Manganese, Dissolved	ug/L	124	500	500	575	575	90	90	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 764085 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783012, 92658783013, 92658783014, 92658783017, 92658783018, 92658783019, 92658783020

METHOD BLANK: 3968023 Matrix: Water

Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783012, 92658783013, 92658783014, 92658783017, 92658783018, 92658783019, 92658783020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/27/23 15:12	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/27/23 15:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/27/23 15:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/27/23 15:12	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/27/23 15:12	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/27/23 15:12	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/27/23 15:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/27/23 15:12	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/27/23 15:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/27/23 15:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/27/23 15:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/27/23 15:12	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/27/23 15:12	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/27/23 15:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/27/23 15:12	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/27/23 15:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/27/23 15:12	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/27/23 15:12	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/27/23 15:12	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/27/23 15:12	
2-Hexanone	ug/L	ND	5.0	0.48	03/27/23 15:12	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/27/23 15:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/27/23 15:12	
Acetone	ug/L	ND	25.0	5.1	03/27/23 15:12	
Benzene	ug/L	ND	1.0	0.34	03/27/23 15:12	
Bromobenzene	ug/L	ND	1.0	0.29	03/27/23 15:12	
Bromochloromethane	ug/L	ND	1.0	0.47	03/27/23 15:12	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/27/23 15:12	
Bromoform	ug/L	ND	1.0	0.34	03/27/23 15:12	
Bromomethane	ug/L	ND	2.0	1.7	03/27/23 15:12	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/27/23 15:12	
Chlorobenzene	ug/L	ND	1.0	0.28	03/27/23 15:12	
Chloroethane	ug/L	ND	1.0	0.65	03/27/23 15:12	
Chloroform	ug/L	ND	1.0	0.43	03/27/23 15:12	
Chloromethane	ug/L	ND	1.0	0.54	03/27/23 15:12	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/27/23 15:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/27/23 15:12	

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: Bramlette MGP J23030238
Pace Project No.: 92658783

METHOD BLANK: 3968023 Matrix: Water

Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783012, 92658783013, 92658783014, 92658783017, 92658783018, 92658783019, 92658783020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	03/27/23 15:12	
Dibromomethane	ug/L	ND	1.0	0.39	03/27/23 15:12	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/27/23 15:12	v1
Diisopropyl ether	ug/L	ND	1.0	0.31	03/27/23 15:12	
Ethylbenzene	ug/L	ND	1.0	0.30	03/27/23 15:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/27/23 15:12	
m&p-Xylene	ug/L	ND	2.0	0.71	03/27/23 15:12	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/27/23 15:12	
Methylene Chloride	ug/L	ND	5.0	2.0	03/27/23 15:12	
Naphthalene	ug/L	ND	1.0	0.64	03/27/23 15:12	
o-Xylene	ug/L	ND	1.0	0.34	03/27/23 15:12	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/27/23 15:12	
Styrene	ug/L	ND	1.0	0.29	03/27/23 15:12	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/27/23 15:12	
Toluene	ug/L	ND	1.0	0.48	03/27/23 15:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/27/23 15:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/27/23 15:12	
Trichloroethene	ug/L	ND	1.0	0.38	03/27/23 15:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/27/23 15:12	
Vinyl acetate	ug/L	ND	2.0	1.3	03/27/23 15:12	
Vinyl chloride	ug/L	ND	1.0	0.39	03/27/23 15:12	
Xylene (Total)	ug/L	ND	1.0	0.34	03/27/23 15:12	
1,2-Dichloroethane-d4 (S)	%	101	70-130		03/27/23 15:12	
4-Bromofluorobenzene (S)	%	98	70-130		03/27/23 15:12	
Toluene-d8 (S)	%	103	70-130		03/27/23 15:12	

LABORATORY CONTROL SAMPLE: 3968024

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.5	103	70-130	
1,1,1-Trichloroethane	ug/L	20	19.4	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.3	102	70-130	
1,1,2-Trichloroethane	ug/L	20	20.1	100	70-130	
1,1-Dichloroethane	ug/L	20	19.3	96	70-130	
1,1-Dichloroethene	ug/L	20	19.5	97	70-130	
1,1-Dichloropropene	ug/L	20	20.6	103	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.2	101	70-130	
1,2,3-Trichloropropane	ug/L	20	19.1	95	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.4	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.8	99	70-130	
1,2-Dichlorobenzene	ug/L	20	20.3	101	70-130	
1,2-Dichloroethane	ug/L	20	18.7	94	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3968024

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	20	20.0	100	70-130	
1,3-Dichlorobenzene	ug/L	20	20.3	102	70-130	
1,3-Dichloropropane	ug/L	20	19.5	98	70-130	
1,4-Dichlorobenzene	ug/L	20	19.7	99	70-130	
2,2-Dichloropropane	ug/L	20	20.0	100	70-130	
2-Butanone (MEK)	ug/L	40	35.9	90	70-130	
2-Chlorotoluene	ug/L	20	19.9	99	70-130	
2-Hexanone	ug/L	40	40.0	100	70-130	
4-Chlorotoluene	ug/L	20	19.8	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.7	99	70-130	
Acetone	ug/L	40	35.3	88	70-130	
Benzene	ug/L	20	19.7	98	70-130	
Bromobenzene	ug/L	20	19.5	98	70-130	
Bromochloromethane	ug/L	20	19.8	99	70-130	
Bromodichloromethane	ug/L	20	19.6	98	70-130	
Bromoform	ug/L	20	20.4	102	70-130	
Bromomethane	ug/L	20	14.8	74	70-130	v3
Carbon tetrachloride	ug/L	20	20.4	102	70-130	
Chlorobenzene	ug/L	20	19.9	100	70-130	
Chloroethane	ug/L	20	20.1	101	70-130	
Chloroform	ug/L	20	18.9	94	70-130	
Chloromethane	ug/L	20	23.8	119	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.9	99	70-130	
Dibromochloromethane	ug/L	20	20.7	104	70-130	
Dibromomethane	ug/L	20	19.9	100	70-130	
Dichlorodifluoromethane	ug/L	20	25.3	126	70-130	v1
Diisopropyl ether	ug/L	20	18.7	94	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Hexachloro-1,3-butadiene	ug/L	20	20.9	104	70-130	
m&p-Xylene	ug/L	40	40.0	100	70-130	
Methyl-tert-butyl ether	ug/L	20	18.0	90	70-130	
Methylene Chloride	ug/L	20	20.2	101	70-130	
Naphthalene	ug/L	20	19.6	98	70-130	
o-Xylene	ug/L	20	20.4	102	70-130	
p-Isopropyltoluene	ug/L	20	20.4	102	70-130	
Styrene	ug/L	20	20.5	102	70-130	
Tetrachloroethene	ug/L	20	19.9	99	70-130	
Toluene	ug/L	20	19.6	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.3	102	70-130	
Trichloroethene	ug/L	20	20.3	102	70-130	
Trichlorofluoromethane	ug/L	20	20.2	101	70-130	
Vinyl acetate	ug/L	40	39.5	99	70-130	
Vinyl chloride	ug/L	20	18.5	92	70-130	
Xylene (Total)	ug/L	60	60.4	101	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3968024

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3968026

Parameter	Units	92658783002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.9	110	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	20.0	100	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.1	105	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	21.1	105	70-135	
1,1-Dichloroethane	ug/L	ND	20	19.2	96	70-139	
1,1-Dichloroethene	ug/L	ND	20	19.4	97	70-154	
1,1-Dichloropropene	ug/L	ND	20	21.0	105	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.5	103	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	20.4	102	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.4	102	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.1	100	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	20.7	104	70-133	
1,2-Dichloroethane	ug/L	ND	20	18.7	94	70-137	
1,2-Dichloropropane	ug/L	ND	20	20.1	101	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	20.6	103	70-135	
1,3-Dichloropropane	ug/L	ND	20	20.0	100	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	20.0	100	70-133	
2,2-Dichloropropane	ug/L	ND	20	19.5	98	61-148	v3
2-Butanone (MEK)	ug/L	ND	40	37.4	93	60-139	
2-Chlorotoluene	ug/L	ND	20	19.7	99	70-144	
2-Hexanone	ug/L	ND	40	39.3	98	65-138	
4-Chlorotoluene	ug/L	ND	20	20.1	100	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.8	97	65-135	
Acetone	ug/L	ND	40	32.8	82	60-148	
Benzene	ug/L	ND	20	20.5	103	70-151	
Bromobenzene	ug/L	ND	20	20.4	102	70-136	
Bromochloromethane	ug/L	ND	20	19.8	99	70-141	
Bromodichloromethane	ug/L	ND	20	20.1	101	70-138	
Bromoform	ug/L	ND	20	21.9	109	63-130	
Bromomethane	ug/L	ND	20	8.0	40	15-152	v3
Carbon tetrachloride	ug/L	ND	20	22.5	113	70-143	
Chlorobenzene	ug/L	ND	20	20.7	103	70-138	
Chloroethane	ug/L	ND	20	19.1	95	52-163	
Chloroform	ug/L	ND	20	19.5	98	70-139	
Chloromethane	ug/L	ND	20	21.3	106	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	19.0	95	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	19.5	98	70-137	
Dibromochloromethane	ug/L	ND	20	21.3	107	70-134	
Dibromomethane	ug/L	ND	20	20.8	104	70-138	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE SAMPLE: 3968026

Parameter	Units	92658783002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dichlorodifluoromethane	ug/L	ND	20	24.9	124	47-155	
Diisopropyl ether	ug/L	ND	20	17.3	87	63-144	
Ethylbenzene	ug/L	ND	20	20.4	102	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	22.8	114	65-149	
m&p-Xylene	ug/L	ND	40	41.5	104	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	18.0	90	54-156	
Methylene Chloride	ug/L	ND	20	17.9	89	42-159	
Naphthalene	ug/L	ND	20	19.7	99	61-148	
o-Xylene	ug/L	ND	20	20.3	102	70-148	
p-Isopropyltoluene	ug/L	ND	20	21.0	105	70-146	
Styrene	ug/L	ND	20	20.9	104	70-135	
Tetrachloroethene	ug/L	ND	20	21.5	108	59-143	
Toluene	ug/L	ND	20	20.1	101	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	19.8	99	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	20.3	101	70-135	
Trichloroethene	ug/L	ND	20	21.2	106	70-147	
Trichlorofluoromethane	ug/L	ND	20	21.4	107	70-148	
Vinyl acetate	ug/L	ND	40	35.8	90	49-151	
Vinyl chloride	ug/L	ND	20	18.3	91	70-156	
Xylene (Total)	ug/L	ND	60	61.9	103	63-158	
1,2-Dichloroethane-d4 (S)	%				92	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3968025

Parameter	Units	92658783001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	v2

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

SAMPLE DUPLICATE: 3968025

Parameter	Units	92658783001 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	0.87J	0.91J		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	98	100			
4-Bromofluorobenzene (S)	%	96	98			
Toluene-d8 (S)	%	98	99			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 764743
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658783016

METHOD BLANK: 3971074 Matrix: Water
Associated Lab Samples: 92658783016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/30/23 12:13	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/30/23 12:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/30/23 12:13	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/30/23 12:13	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/30/23 12:13	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/30/23 12:13	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/30/23 12:13	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/30/23 12:13	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/30/23 12:13	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/30/23 12:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/30/23 12:13	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/30/23 12:13	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/30/23 12:13	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/30/23 12:13	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/30/23 12:13	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/30/23 12:13	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/30/23 12:13	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/30/23 12:13	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/30/23 12:13	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/30/23 12:13	
2-Hexanone	ug/L	ND	5.0	0.48	03/30/23 12:13	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/30/23 12:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/30/23 12:13	
Acetone	ug/L	ND	25.0	5.1	03/30/23 12:13	
Benzene	ug/L	ND	1.0	0.34	03/30/23 12:13	
Bromobenzene	ug/L	ND	1.0	0.29	03/30/23 12:13	
Bromochloromethane	ug/L	ND	1.0	0.47	03/30/23 12:13	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/30/23 12:13	
Bromoform	ug/L	ND	1.0	0.34	03/30/23 12:13	
Bromomethane	ug/L	ND	2.0	1.7	03/30/23 12:13	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/30/23 12:13	
Chlorobenzene	ug/L	ND	1.0	0.28	03/30/23 12:13	
Chloroethane	ug/L	ND	1.0	0.65	03/30/23 12:13	
Chloroform	ug/L	ND	1.0	0.43	03/30/23 12:13	
Chloromethane	ug/L	ND	1.0	0.54	03/30/23 12:13	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/30/23 12:13	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/30/23 12:13	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/30/23 12:13	
Dibromomethane	ug/L	ND	1.0	0.39	03/30/23 12:13	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/30/23 12:13	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

METHOD BLANK: 3971074 Matrix: Water
Associated Lab Samples: 92658783016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/30/23 12:13	
Ethylbenzene	ug/L	ND	1.0	0.30	03/30/23 12:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/30/23 12:13	
m&p-Xylene	ug/L	ND	2.0	0.71	03/30/23 12:13	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/30/23 12:13	
Methylene Chloride	ug/L	ND	5.0	2.0	03/30/23 12:13	
Naphthalene	ug/L	ND	1.0	0.64	03/30/23 12:13	
o-Xylene	ug/L	ND	1.0	0.34	03/30/23 12:13	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/30/23 12:13	
Styrene	ug/L	ND	1.0	0.29	03/30/23 12:13	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/30/23 12:13	
Toluene	ug/L	ND	1.0	0.48	03/30/23 12:13	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/30/23 12:13	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/30/23 12:13	
Trichloroethene	ug/L	ND	1.0	0.38	03/30/23 12:13	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/30/23 12:13	
Vinyl acetate	ug/L	ND	2.0	1.3	03/30/23 12:13	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/30/23 12:13	v2
Xylene (Total)	ug/L	ND	1.0	0.34	03/30/23 12:13	
1,2-Dichloroethane-d4 (S)	%	96	70-130		03/30/23 12:13	
4-Bromofluorobenzene (S)	%	101	70-130		03/30/23 12:13	
Toluene-d8 (S)	%	105	70-130		03/30/23 12:13	

LABORATORY CONTROL SAMPLE: 3971075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	105	70-130	
1,1,1-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.4	107	70-130	
1,1,2-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1-Dichloroethane	ug/L	20	18.2	91	70-130	
1,1-Dichloroethene	ug/L	20	19.2	96	70-130	
1,1-Dichloropropene	ug/L	20	20.2	101	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.6	103	70-130	
1,2,3-Trichloropropane	ug/L	20	20.2	101	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.9	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	17.6	88	70-130	
1,2-Dichlorobenzene	ug/L	20	20.9	105	70-130	
1,2-Dichloroethane	ug/L	20	19.2	96	70-130	
1,2-Dichloropropane	ug/L	20	20.5	102	70-130	
1,3-Dichlorobenzene	ug/L	20	21.3	107	70-130	
1,3-Dichloropropane	ug/L	20	19.0	95	70-130	
1,4-Dichlorobenzene	ug/L	20	21.2	106	70-130	
2,2-Dichloropropane	ug/L	20	19.3	97	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3971075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	39.6	99	70-130	
2-Chlorotoluene	ug/L	20	21.1	105	70-130	
2-Hexanone	ug/L	40	42.3	106	70-130	
4-Chlorotoluene	ug/L	20	21.3	106	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	42.9	107	70-130	
Acetone	ug/L	40	37.2	93	70-130	
Benzene	ug/L	20	19.5	97	70-130	
Bromobenzene	ug/L	20	19.3	96	70-130	
Bromochloromethane	ug/L	20	18.5	92	70-130	
Bromodichloromethane	ug/L	20	19.1	96	70-130	
Bromoform	ug/L	20	18.0	90	70-130	
Bromomethane	ug/L	20	16.0	80	70-130	v3
Carbon tetrachloride	ug/L	20	19.3	96	70-130	
Chlorobenzene	ug/L	20	20.9	105	70-130	
Chloroethane	ug/L	20	19.5	97	70-130	
Chloroform	ug/L	20	19.3	97	70-130	
Chloromethane	ug/L	20	18.8	94	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.4	97	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.2	96	70-130	
Dibromochloromethane	ug/L	20	18.9	95	70-130	
Dibromomethane	ug/L	20	19.1	96	70-130	
Dichlorodifluoromethane	ug/L	20	20.1	101	70-130	
Diisopropyl ether	ug/L	20	18.6	93	70-130	
Ethylbenzene	ug/L	20	20.5	103	70-130	
Hexachloro-1,3-butadiene	ug/L	20	22.1	110	70-130	
m&p-Xylene	ug/L	40	41.4	103	70-130	
Methyl-tert-butyl ether	ug/L	20	16.9	84	70-130	
Methylene Chloride	ug/L	20	18.2	91	70-130	
Naphthalene	ug/L	20	20.7	103	70-130	
o-Xylene	ug/L	20	20.7	104	70-130	
p-Isopropyltoluene	ug/L	20	22.8	114	70-130	
Styrene	ug/L	20	20.6	103	70-130	
Tetrachloroethene	ug/L	20	21.2	106	70-130	
Toluene	ug/L	20	20.1	101	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.2	96	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.8	99	70-130	
Trichloroethene	ug/L	20	20.5	102	70-130	
Trichlorofluoromethane	ug/L	20	19.5	98	70-130	
Vinyl acetate	ug/L	40	38.9	97	70-130	IK
Vinyl chloride	ug/L	20	14.7	73	70-130	v3
Xylene (Total)	ug/L	60	62.1	103	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			101	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE SAMPLE: 3971077

Parameter	Units	92658729011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	22.7	114	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	24.6	123	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.1	111	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	22.7	114	70-135	
1,1-Dichloroethane	ug/L	ND	20	24.0	120	70-139	
1,1-Dichloroethene	ug/L	ND	20	27.0	135	70-154	
1,1-Dichloropropene	ug/L	ND	20	25.9	130	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	20.3	102	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	21.6	108	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.6	103	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.2	91	65-134	v3
1,2-Dichlorobenzene	ug/L	ND	20	22.0	110	70-133	
1,2-Dichloroethane	ug/L	ND	20	22.6	113	70-137	
1,2-Dichloropropane	ug/L	ND	20	23.5	118	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	22.4	112	70-135	
1,3-Dichloropropane	ug/L	ND	20	21.5	107	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	22.3	112	70-133	
2,2-Dichloropropane	ug/L	ND	20	24.7	123	61-148	
2-Butanone (MEK)	ug/L	ND	40	40.1	100	60-139	
2-Chlorotoluene	ug/L	ND	20	22.6	113	70-144	
2-Hexanone	ug/L	ND	40	42.4	106	65-138	
4-Chlorotoluene	ug/L	ND	20	22.4	112	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	44.0	110	65-135	
Acetone	ug/L	ND	40	36.8	92	60-148	
Benzene	ug/L	ND	20	23.9	119	70-151	
Bromobenzene	ug/L	ND	20	20.7	103	70-136	
Bromochloromethane	ug/L	ND	20	23.0	115	70-141	
Bromodichloromethane	ug/L	ND	20	22.1	110	70-138	
Bromoform	ug/L	ND	20	19.4	97	63-130	
Bromomethane	ug/L	ND	20	26.8	134	15-152	
Carbon tetrachloride	ug/L	ND	20	25.6	128	70-143	
Chlorobenzene	ug/L	ND	20	22.8	114	70-138	
Chloroethane	ug/L	ND	20	25.6	128	52-163	
Chloroform	ug/L	ND	20	23.1	115	70-139	
Chloromethane	ug/L	ND	20	25.5	128	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	24.3	122	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	21.9	110	70-137	
Dibromochloromethane	ug/L	ND	20	20.7	104	70-134	
Dibromomethane	ug/L	ND	20	21.9	110	70-138	
Dichlorodifluoromethane	ug/L	ND	20	33.3	167	47-155	M1,v1
Diisopropyl ether	ug/L	ND	20	21.8	109	63-144	
Ethylbenzene	ug/L	ND	20	22.6	113	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.7	118	65-149	
m&p-Xylene	ug/L	ND	40	46.3	116	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	20.1	100	54-156	
Methylene Chloride	ug/L	ND	20	22.4	112	42-159	
Naphthalene	ug/L	ND	20	20.0	100	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE SAMPLE: 3971077

Parameter	Units	92658729011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	22.9	114	70-148	
p-Isopropyltoluene	ug/L	ND	20	24.3	122	70-146	
Styrene	ug/L	ND	20	22.6	113	70-135	
Tetrachloroethene	ug/L	ND	20	23.1	116	59-143	
Toluene	ug/L	ND	20	23.5	117	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	25.2	126	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	21.7	108	70-135	
Trichloroethene	ug/L	ND	20	24.7	123	70-147	
Trichlorofluoromethane	ug/L	ND	20	27.2	136	70-148	
Vinyl acetate	ug/L	ND	40	45.1	113	49-151	IK
Vinyl chloride	ug/L	ND	20	20.9	105	70-156	
Xylene (Total)	ug/L	ND	60	69.2	115	63-158	
1,2-Dichloroethane-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 3971076

Parameter	Units	92658729010 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	v2
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658783

SAMPLE DUPLICATE: 3971076

Parameter	Units	92658729010 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	7.9	7.6	3	30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	v1
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	IK
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	95	96			
4-Bromofluorobenzene (S)	%	101	102			
Toluene-d8 (S)	%	104	107			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 765222
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658783011, 92658783015

METHOD BLANK: 3973368 Matrix: Water
Associated Lab Samples: 92658783011, 92658783015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/31/23 13:49	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/31/23 13:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/31/23 13:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/31/23 13:49	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/31/23 13:49	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/31/23 13:49	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/31/23 13:49	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/31/23 13:49	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/31/23 13:49	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/31/23 13:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/31/23 13:49	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 13:49	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/31/23 13:49	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/31/23 13:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 13:49	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/31/23 13:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/31/23 13:49	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/31/23 13:49	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/31/23 13:49	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 13:49	
2-Hexanone	ug/L	ND	5.0	0.48	03/31/23 13:49	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 13:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/31/23 13:49	
Acetone	ug/L	ND	25.0	5.1	03/31/23 13:49	
Benzene	ug/L	ND	1.0	0.34	03/31/23 13:49	
Bromobenzene	ug/L	ND	1.0	0.29	03/31/23 13:49	
Bromochloromethane	ug/L	ND	1.0	0.47	03/31/23 13:49	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/31/23 13:49	
Bromoform	ug/L	ND	1.0	0.34	03/31/23 13:49	
Bromomethane	ug/L	ND	2.0	1.7	03/31/23 13:49	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/31/23 13:49	
Chlorobenzene	ug/L	ND	1.0	0.28	03/31/23 13:49	
Chloroethane	ug/L	ND	1.0	0.65	03/31/23 13:49	
Chloroform	ug/L	ND	1.0	0.43	03/31/23 13:49	
Chloromethane	ug/L	ND	1.0	0.54	03/31/23 13:49	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/31/23 13:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 13:49	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/31/23 13:49	
Dibromomethane	ug/L	ND	1.0	0.39	03/31/23 13:49	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/31/23 13:49	IH,v1

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

METHOD BLANK: 3973368 Matrix: Water
Associated Lab Samples: 92658783011, 92658783015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/31/23 13:49	
Ethylbenzene	ug/L	ND	1.0	0.30	03/31/23 13:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/31/23 13:49	
m&p-Xylene	ug/L	ND	2.0	0.71	03/31/23 13:49	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/31/23 13:49	
Methylene Chloride	ug/L	ND	5.0	2.0	03/31/23 13:49	
Naphthalene	ug/L	ND	1.0	0.64	03/31/23 13:49	
o-Xylene	ug/L	ND	1.0	0.34	03/31/23 13:49	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/31/23 13:49	
Styrene	ug/L	ND	1.0	0.29	03/31/23 13:49	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/31/23 13:49	
Toluene	ug/L	ND	1.0	0.48	03/31/23 13:49	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/31/23 13:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 13:49	
Trichloroethene	ug/L	ND	1.0	0.38	03/31/23 13:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/31/23 13:49	
Vinyl acetate	ug/L	ND	2.0	1.3	03/31/23 13:49	
Vinyl chloride	ug/L	ND	1.0	0.39	03/31/23 13:49	
Xylene (Total)	ug/L	ND	1.0	0.34	03/31/23 13:49	
1,2-Dichloroethane-d4 (S)	%	109	70-130		03/31/23 13:49	
4-Bromofluorobenzene (S)	%	100	70-130		03/31/23 13:49	
Toluene-d8 (S)	%	103	70-130		03/31/23 13:49	

LABORATORY CONTROL SAMPLE: 3973369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.9	100	70-130	
1,1,1-Trichloroethane	ug/L	20	20.8	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.6	98	70-130	
1,1,2-Trichloroethane	ug/L	20	21.8	109	70-130	
1,1-Dichloroethane	ug/L	20	20.0	100	70-130	
1,1-Dichloroethene	ug/L	20	20.5	103	70-130	
1,1-Dichloropropene	ug/L	20	21.5	108	70-130	
1,2,3-Trichlorobenzene	ug/L	20	19.8	99	70-130	
1,2,3-Trichloropropane	ug/L	20	19.5	98	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.2	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.1	101	70-130	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	20.5	103	70-130	
1,2-Dichloropropane	ug/L	20	21.5	108	70-130	
1,3-Dichlorobenzene	ug/L	20	20.5	103	70-130	
1,3-Dichloropropane	ug/L	20	19.2	96	70-130	
1,4-Dichlorobenzene	ug/L	20	20.0	100	70-130	
2,2-Dichloropropane	ug/L	20	20.7	103	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3973369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	36.9	92	70-130	
2-Chlorotoluene	ug/L	20	20.1	100	70-130	
2-Hexanone	ug/L	40	40.4	101	70-130	
4-Chlorotoluene	ug/L	20	20.5	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	42.0	105	70-130	
Acetone	ug/L	40	36.9	92	70-130	
Benzene	ug/L	20	20.1	100	70-130	
Bromobenzene	ug/L	20	19.7	99	70-130	
Bromochloromethane	ug/L	20	19.6	98	70-130	
Bromodichloromethane	ug/L	20	20.9	105	70-130	
Bromoform	ug/L	20	18.6	93	70-130	
Bromomethane	ug/L	20	14.3	71	70-130	v3
Carbon tetrachloride	ug/L	20	20.7	103	70-130	
Chlorobenzene	ug/L	20	19.7	99	70-130	
Chloroethane	ug/L	20	19.9	100	70-130	
Chloroform	ug/L	20	21.0	105	70-130	
Chloromethane	ug/L	20	20.6	103	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.1	101	70-130	
cis-1,3-Dichloropropene	ug/L	20	21.2	106	70-130	
Dibromochloromethane	ug/L	20	19.2	96	70-130	
Dibromomethane	ug/L	20	19.3	96	70-130	
Dichlorodifluoromethane	ug/L	20	30.3	151	70-130	IH,L1,v1
Diisopropyl ether	ug/L	20	18.7	94	70-130	
Ethylbenzene	ug/L	20	19.2	96	70-130	
Hexachloro-1,3-butadiene	ug/L	20	21.3	107	70-130	
m&p-Xylene	ug/L	40	39.7	99	70-130	
Methyl-tert-butyl ether	ug/L	20	18.4	92	70-130	
Methylene Chloride	ug/L	20	17.4	87	70-130	
Naphthalene	ug/L	20	20.3	102	70-130	
o-Xylene	ug/L	20	19.5	98	70-130	
p-Isopropyltoluene	ug/L	20	21.0	105	70-130	
Styrene	ug/L	20	20.1	100	70-130	
Tetrachloroethene	ug/L	20	20.2	101	70-130	
Toluene	ug/L	20	20.7	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.8	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.9	105	70-130	
Trichloroethene	ug/L	20	21.0	105	70-130	
Trichlorofluoromethane	ug/L	20	21.5	107	70-130	
Vinyl acetate	ug/L	40	39.4	99	70-130	
Vinyl chloride	ug/L	20	17.2	86	70-130	
Xylene (Total)	ug/L	60	59.2	99	70-130	
1,2-Dichloroethane-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			106	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE SAMPLE: 3973370

Parameter	Units	92658878002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	25.0	125	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	25.8	129	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	23.3	117	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	23.6	118	70-135	
1,1-Dichloroethane	ug/L	ND	20	24.6	123	70-139	
1,1-Dichloroethene	ug/L	ND	20	25.7	129	70-154	
1,1-Dichloropropene	ug/L	ND	20	26.8	134	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	24.9	125	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	23.9	119	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	24.7	124	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	23.2	116	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	23.7	118	70-133	
1,2-Dichloroethane	ug/L	ND	20	24.3	122	70-137	
1,2-Dichloropropane	ug/L	ND	20	23.5	117	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	24.2	121	70-135	
1,3-Dichloropropane	ug/L	ND	20	23.1	115	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	23.5	117	70-133	
2,2-Dichloropropane	ug/L	ND	20	26.2	131	61-148	
2-Butanone (MEK)	ug/L	ND	40	47.9	120	60-139	
2-Chlorotoluene	ug/L	ND	20	24.0	120	70-144	
2-Hexanone	ug/L	ND	40	48.3	121	65-138	
4-Chlorotoluene	ug/L	ND	20	26.1	131	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	46.7	117	65-135	
Acetone	ug/L	26.1	40	69.8	109	60-148	
Benzene	ug/L	ND	20	23.9	119	70-151	
Bromobenzene	ug/L	ND	20	23.5	117	70-136	
Bromochloromethane	ug/L	ND	20	22.9	115	70-141	
Bromodichloromethane	ug/L	ND	20	23.3	117	70-138	
Bromoform	ug/L	ND	20	23.2	116	63-130	
Bromomethane	ug/L	ND	20	16.3	81	15-152	v3
Carbon tetrachloride	ug/L	ND	20	26.7	134	70-143	
Chlorobenzene	ug/L	ND	20	24.0	120	70-138	
Chloroethane	ug/L	ND	20	23.5	118	52-163	
Chloroform	ug/L	ND	20	25.9	130	70-139	
Chloromethane	ug/L	ND	20	24.4	122	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	24.2	121	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	23.0	115	70-137	
Dibromochloromethane	ug/L	ND	20	23.7	118	70-134	
Dibromomethane	ug/L	ND	20	23.2	116	70-138	
Dichlorodifluoromethane	ug/L	ND	20	37.5	187	47-155	IH,M0,v1
Diisopropyl ether	ug/L	ND	20	22.7	114	63-144	
Ethylbenzene	ug/L	ND	20	24.0	120	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	26.6	133	65-149	
m&p-Xylene	ug/L	ND	40	49.5	124	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	22.3	112	54-156	
Methylene Chloride	ug/L	ND	20	20.8	104	42-159	
Naphthalene	ug/L	ND	20	35.5	177	61-148	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE SAMPLE: 3973370

Parameter	Units	92658878002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	23.3	116	70-148	
p-Isopropyltoluene	ug/L	ND	20	25.7	128	70-146	
Styrene	ug/L	ND	20	25.0	125	70-135	
Tetrachloroethene	ug/L	ND	20	24.8	124	59-143	
Toluene	ug/L	ND	20	22.9	115	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	24.0	120	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	23.9	119	70-135	
Trichloroethene	ug/L	ND	20	24.9	125	70-147	
Trichlorofluoromethane	ug/L	ND	20	26.3	131	70-148	
Vinyl acetate	ug/L	ND	40	47.0	117	49-151	
Vinyl chloride	ug/L	ND	20	21.4	107	70-156	
Xylene (Total)	ug/L	ND	60	72.8	121	63-158	
1,2-Dichloroethane-d4 (S)	%				105	70-130	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3973371

Parameter	Units	92658783015 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	298	299	0	30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658783

SAMPLE DUPLICATE: 3973371

Parameter	Units	92658783015 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	IH,v1
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	62.2	62.2	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	80.2	79.6	1	30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	2050	2180	6	30	
o-Xylene	ug/L	43.4	42.9	1	30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	28.4	28.5	0	30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	131	133	2	30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	124	123	1	30	
1,2-Dichloroethane-d4 (S)	%	107	106			
4-Bromofluorobenzene (S)	%	99	98			
Toluene-d8 (S)	%	100	101			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 764162
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783011

METHOD BLANK: 3968241
Matrix: Water
Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/29/23 09:20	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/29/23 09:20	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/29/23 09:20	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/29/23 09:20	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/29/23 09:20	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/29/23 09:20	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/29/23 09:20	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/29/23 09:20	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/29/23 09:20	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/29/23 09:20	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/29/23 09:20	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/29/23 09:20	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/29/23 09:20	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/29/23 09:20	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/29/23 09:20	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/29/23 09:20	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/29/23 09:20	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/29/23 09:20	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/29/23 09:20	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/29/23 09:20	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/29/23 09:20	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/29/23 09:20	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/29/23 09:20	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/29/23 09:20	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/29/23 09:20	
Acenaphthene	ug/L	ND	10.0	2.0	03/29/23 09:20	
Acenaphthylene	ug/L	ND	10.0	2.0	03/29/23 09:20	
Aniline	ug/L	ND	10.0	1.6	03/29/23 09:20	
Anthracene	ug/L	ND	10.0	2.3	03/29/23 09:20	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/29/23 09:20	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/29/23 09:20	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/29/23 09:20	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/29/23 09:20	
Benzoic Acid	ug/L	ND	50.0	22.0	03/29/23 09:20	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/29/23 09:20	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/29/23 09:20	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/29/23 09:20	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/29/23 09:20	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/29/23 09:20	

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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

METHOD BLANK: 3968241 Matrix: Water

Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	03/29/23 09:20	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/29/23 09:20	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/29/23 09:20	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/29/23 09:20	
Dibenzofuran	ug/L	ND	10.0	2.1	03/29/23 09:20	
Diethylphthalate	ug/L	ND	10.0	2.0	03/29/23 09:20	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/29/23 09:20	
Fluoranthene	ug/L	ND	10.0	2.2	03/29/23 09:20	
Fluorene	ug/L	ND	10.0	2.1	03/29/23 09:20	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/29/23 09:20	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/29/23 09:20	
Hexachloroethane	ug/L	ND	10.0	1.4	03/29/23 09:20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/29/23 09:20	
Isophorone	ug/L	ND	10.0	1.7	03/29/23 09:20	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/29/23 09:20	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/29/23 09:20	v1
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/29/23 09:20	
Nitrobenzene	ug/L	ND	10.0	1.9	03/29/23 09:20	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/29/23 09:20	
Phenanthrene	ug/L	ND	10.0	2.0	03/29/23 09:20	
Phenol	ug/L	ND	10.0	1.4	03/29/23 09:20	v1
Pyrene	ug/L	ND	10.0	2.2	03/29/23 09:20	
2,4,6-Tribromophenol (S)	%	22	10-164		03/29/23 09:20	
2-Fluorobiphenyl (S)	%	22	10-130		03/29/23 09:20	
2-Fluorophenol (S)	%	22	10-130		03/29/23 09:20	
Nitrobenzene-d5 (S)	%	28	10-138		03/29/23 09:20	
Phenol-d6 (S)	%	19	10-130		03/29/23 09:20	
Terphenyl-d14 (S)	%	34	19-191		03/29/23 09:20	

LABORATORY CONTROL SAMPLE: 3968242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	28.2	56	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	28.4	57	21-135	
2,4,5-Trichlorophenol	ug/L	50	34.9	70	38-147	
2,4,6-Trichlorophenol	ug/L	50	32.8	66	34-142	
2,4-Dichlorophenol	ug/L	50	33.1	66	36-136	
2,4-Dimethylphenol	ug/L	50	51.5	103	38-134	
2,4-Dinitrophenol	ug/L	250	157	63	10-169	
2,4-Dinitrotoluene	ug/L	50	35.8	72	44-154	
2,6-Dinitrotoluene	ug/L	50	35.7	71	44-156	
2-Chloronaphthalene	ug/L	50	26.8	54	25-130	
2-Chlorophenol	ug/L	50	31.2	62	29-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3968242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	25.9	52	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	32.6	65	31-130	
2-Nitroaniline	ug/L	100	65.9	66	39-145	
2-Nitrophenol	ug/L	50	34.8	70	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.5	63	30-130	
3,3'-Dichlorobenzidine	ug/L	100	60.5	61	44-158	
3-Nitroaniline	ug/L	100	67.9	68	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	65.4	65	39-158	
4-Bromophenylphenyl ether	ug/L	50	31.7	63	47-147	
4-Chloro-3-methylphenol	ug/L	100	70.2	70	40-138	
4-Chloroaniline	ug/L	100	60.1	60	35-130	
4-Chlorophenylphenyl ether	ug/L	50	31.9	64	36-139	
4-Nitroaniline	ug/L	100	70.3	70	46-157	
4-Nitrophenol	ug/L	250	112	45	17-130	
Acenaphthene	ug/L	50	30.5	61	34-135	
Acenaphthylene	ug/L	50	30.5	61	35-137	
Aniline	ug/L	50	19.9	40	25-130	
Anthracene	ug/L	50	30.6	61	47-146	
Benzo(a)anthracene	ug/L	50	33.7	67	48-160	
Benzo(b)fluoranthene	ug/L	50	33.2	66	49-171	
Benzo(g,h,i)perylene	ug/L	50	33.7	67	46-166	
Benzo(k)fluoranthene	ug/L	50	35.1	70	55-162	
Benzoic Acid	ug/L	250	97.9	39	10-130	
Benzyl alcohol	ug/L	100	64.9	65	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	33.5	67	33-136	
bis(2-Chloroethyl) ether	ug/L	50	32.9	66	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	34.7	69	46-173	
Butylbenzylphthalate	ug/L	50	36.5	73	53-169	
Chrysene	ug/L	50	34.2	68	54-152	
Di-n-butylphthalate	ug/L	50	35.2	70	49-161	
Di-n-octylphthalate	ug/L	50	35.7	71	50-166	
Dibenz(a,h)anthracene	ug/L	50	34.1	68	46-166	
Dibenzofuran	ug/L	50	31.2	62	37-136	
Diethylphthalate	ug/L	50	35.0	70	45-149	
Dimethylphthalate	ug/L	50	33.6	67	43-145	
Fluoranthene	ug/L	50	35.1	70	50-153	
Fluorene	ug/L	50	32.8	66	42-142	
Hexachlorobenzene	ug/L	50	30.8	62	44-138	
Hexachlorocyclopentadiene	ug/L	50	18.6	37	10-130	
Hexachloroethane	ug/L	50	14.3	29	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	33.8	68	46-166	
Isophorone	ug/L	50	35.4	71	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	35.8	72	33-140	
N-Nitrosodimethylamine	ug/L	50	30.5	61	24-130	v1
N-Nitrosodiphenylamine	ug/L	50	31.2	62	46-144	
Nitrobenzene	ug/L	50	32.8	66	33-133	
Pentachlorophenol	ug/L	100	67.4	67	21-163	

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: Bramlette MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3968242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	32.9	66	47-146	
Phenol	ug/L	50	23.8	48	19-130	v1
Pyrene	ug/L	50	33.7	67	53-155	
2,4,6-Tribromophenol (S)	%			113	10-164	
2-Fluorobiphenyl (S)	%			92	10-130	
2-Fluorophenol (S)	%			77	10-130	
Nitrobenzene-d5 (S)	%			107	10-138	
Phenol-d6 (S)	%			67	10-130	
Terphenyl-d14 (S)	%			114	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968243 3968244

Parameter	Units	92658638014 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	100	100	78.2	62.4	78	62	10-131	22	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	85.3	69.0	85	69	11-143	21	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	116	89.3	116	89	10-170	26	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	113	85.5	113	85	10-166	27	30	
2,4-Dichlorophenol	ug/L	ND	100	100	106	82.3	106	82	10-153	25	30	
2,4-Dimethylphenol	ug/L	ND	100	100	161	125	161	125	20-147	25	30	M1
2,4-Dinitrophenol	ug/L	ND	500	500	500	376	100	75	10-172	28	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	116	88.9	116	89	30-164	26	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	115	88.2	115	88	31-163	26	30	
2-Chloronaphthalene	ug/L	ND	100	100	90.5	70.2	91	70	15-134	25	30	
2-Chlorophenol	ug/L	ND	100	100	96.9	76.0	97	76	10-139	24	30	
2-Methylnaphthalene	ug/L	ND	100	100	71.0	59.2	71	59	12-130	18	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	100	76.2	100	76	19-132	27	30	
2-Nitroaniline	ug/L	ND	200	200	233	179	116	89	23-154	26	30	
2-Nitrophenol	ug/L	ND	100	100	103	85.4	103	85	10-159	19	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	97.0	72.4	97	72	13-136	29	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	217	165	109	82	10-178	28	30	
3-Nitroaniline	ug/L	ND	200	200	223	172	111	86	20-166	26	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	231	177	115	89	10-187	26	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	107	84.7	107	85	31-157	23	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	213	165	107	83	27-146	25	30	
4-Chloroaniline	ug/L	ND	200	200	192	150	96	75	13-143	25	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	105	80.1	105	80	23-149	27	30	
4-Nitroaniline	ug/L	ND	200	200	219	164	109	82	24-171	29	30	
4-Nitrophenol	ug/L	ND	500	500	359	284	72	57	10-130	23	30	
Acenaphthene	ug/L	ND	100	100	104	78.9	104	79	21-147	27	30	
Acenaphthylene	ug/L	ND	100	100	102	77.7	102	78	19-150	27	30	
Aniline	ug/L	ND	100	100	57.8	46.5	58	46	10-130	22	30	
Anthracene	ug/L	ND	100	100	102	78.7	102	79	36-152	26	30	
Benzo(a)anthracene	ug/L	ND	100	100	114	85.5	114	85	42-163	29	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: Bramlette MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968243 3968244

Parameter	Units	92658638014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(b)fluoranthene	ug/L	ND	100	100	115	85.3	115	85	40-177	30	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	117	87.9	117	88	38-174	28	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	116	88.1	116	88	41-171	27	30	
Benzoic Acid	ug/L	ND	500	500	294	229	59	46	10-130	25	30	
Benzyl alcohol	ug/L	ND	200	200	195	148	97	74	18-141	27	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	104	81.8	104	82	19-146	24	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	96.0	75.5	96	76	19-151	24	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	122	90.0	122	90	42-168	30	30	
Butylbenzylphthalate	ug/L	ND	100	100	124	90.4	124	90	42-177	31	30	R1
Chrysene	ug/L	ND	100	100	114	85.6	114	86	43-159	29	30	
Di-n-butylphthalate	ug/L	ND	100	100	114	88.1	114	88	42-160	26	30	
Di-n-octylphthalate	ug/L	ND	100	100	123	89.5	123	90	42-171	32	30	R1
Dibenz(a,h)anthracene	ug/L	ND	100	100	117	89.2	117	89	40-171	27	30	
Dibenzofuran	ug/L	ND	100	100	105	79.3	105	79	23-147	28	30	
Diethylphthalate	ug/L	ND	100	100	112	86.1	112	86	33-157	26	30	
Dimethylphthalate	ug/L	ND	100	100	110	84.1	110	84	27-154	26	30	
Fluoranthene	ug/L	ND	100	100	112	86.2	112	86	42-157	26	30	
Fluorene	ug/L	ND	100	100	109	82.5	109	82	25-155	28	30	
Hexachlorobenzene	ug/L	ND	100	100	106	82.6	106	83	32-145	25	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	53.6	45.8	54	46	10-130	16	30	
Hexachloroethane	ug/L	ND	100	100	27.6	36.3	28	36	10-130	27	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	118	88.9	118	89	39-174	28	30	
Isophorone	ug/L	ND	100	100	108	84.9	108	85	19-146	24	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	108	81.6	108	82	20-150	28	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	89.1	71.2	89	71	13-130	22	30	
N-Nitrosodiphenylamine	ug/L	ND	100	100	109	83.8	109	84	33-149	26	30	
Nitrobenzene	ug/L	ND	100	100	96.2	80.1	96	80	19-145	18	30	
Pentachlorophenol	ug/L	ND	200	200	227	178	114	89	10-188	24	30	
Phenanthrene	ug/L	ND	100	100	109	84.7	109	85	38-150	25	30	
Phenol	ug/L	ND	100	100	64.6	52.2	65	52	10-130	21	30	
Pyrene	ug/L	ND	100	100	114	84.9	114	85	42-163	30	30	
2,4,6-Tribromophenol (S)	%						96	92	10-164			
2-Fluorobiphenyl (S)	%						81	70	10-130			
2-Fluorophenol (S)	%						65	59	10-130			
Nitrobenzene-d5 (S)	%						85	79	10-138			
Phenol-d6 (S)	%						52	48	10-130			
Terphenyl-d14 (S)	%						94	84	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 764460 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658783012, 92658783013, 92658783014, 92658783015, 92658783016, 92658783017, 92658783018

METHOD BLANK: 3969724 Matrix: Water
Associated Lab Samples: 92658783012, 92658783013, 92658783014, 92658783015, 92658783016, 92658783017, 92658783018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/30/23 17:39	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/30/23 17:39	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/30/23 17:39	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/30/23 17:39	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/30/23 17:39	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/30/23 17:39	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/30/23 17:39	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/30/23 17:39	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/30/23 17:39	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/30/23 17:39	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/30/23 17:39	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/30/23 17:39	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/30/23 17:39	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/30/23 17:39	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/30/23 17:39	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/30/23 17:39	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/30/23 17:39	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/30/23 17:39	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/30/23 17:39	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/30/23 17:39	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/30/23 17:39	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/30/23 17:39	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/30/23 17:39	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/30/23 17:39	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/30/23 17:39	
Acenaphthene	ug/L	ND	10.0	2.0	03/30/23 17:39	
Acenaphthylene	ug/L	ND	10.0	2.0	03/30/23 17:39	
Aniline	ug/L	ND	10.0	1.6	03/30/23 17:39	
Anthracene	ug/L	ND	10.0	2.3	03/30/23 17:39	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/30/23 17:39	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/30/23 17:39	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/30/23 17:39	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/30/23 17:39	
Benzoic Acid	ug/L	ND	50.0	22.0	03/30/23 17:39	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/30/23 17:39	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/30/23 17:39	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/30/23 17:39	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/30/23 17:39	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/30/23 17:39	
Chrysene	ug/L	ND	10.0	2.8	03/30/23 17:39	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

METHOD BLANK: 3969724 Matrix: Water
Associated Lab Samples: 92658783012, 92658783013, 92658783014, 92658783015, 92658783016, 92658783017, 92658783018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/30/23 17:39	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/30/23 17:39	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/30/23 17:39	
Dibenzofuran	ug/L	ND	10.0	2.1	03/30/23 17:39	
Diethylphthalate	ug/L	ND	10.0	2.0	03/30/23 17:39	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/30/23 17:39	
Fluoranthene	ug/L	ND	10.0	2.2	03/30/23 17:39	
Fluorene	ug/L	ND	10.0	2.1	03/30/23 17:39	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/30/23 17:39	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/30/23 17:39	
Hexachloroethane	ug/L	ND	10.0	1.4	03/30/23 17:39	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/30/23 17:39	
Isophorone	ug/L	ND	10.0	1.7	03/30/23 17:39	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/30/23 17:39	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/30/23 17:39	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/30/23 17:39	
Nitrobenzene	ug/L	ND	10.0	1.9	03/30/23 17:39	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/30/23 17:39	
Phenanthrene	ug/L	ND	10.0	2.0	03/30/23 17:39	
Phenol	ug/L	ND	10.0	1.4	03/30/23 17:39	
Pyrene	ug/L	ND	10.0	2.2	03/30/23 17:39	
2,4,6-Tribromophenol (S)	%	100	10-164		03/30/23 17:39	
2-Fluorobiphenyl (S)	%	80	10-130		03/30/23 17:39	
2-Fluorophenol (S)	%	68	10-130		03/30/23 17:39	
Nitrobenzene-d5 (S)	%	92	10-138		03/30/23 17:39	
Phenol-d6 (S)	%	55	10-130		03/30/23 17:39	
Terphenyl-d14 (S)	%	99	19-191		03/30/23 17:39	

LABORATORY CONTROL SAMPLE: 3969725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	38.4	77	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	36.2	72	21-135	
2,4,5-Trichlorophenol	ug/L	50	46.8	94	38-147	
2,4,6-Trichlorophenol	ug/L	50	45.3	91	34-142	
2,4-Dichlorophenol	ug/L	50	42.5	85	36-136	
2,4-Dimethylphenol	ug/L	50	64.9	130	38-134	
2,4-Dinitrophenol	ug/L	250	222	89	10-169	
2,4-Dinitrotoluene	ug/L	50	47.6	95	44-154	
2,6-Dinitrotoluene	ug/L	50	46.2	92	44-156	
2-Chloronaphthalene	ug/L	50	39.4	79	25-130	
2-Chlorophenol	ug/L	50	39.2	78	29-130	
2-Methylnaphthalene	ug/L	50	36.2	72	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	40.4	81	31-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3969725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	87.5	88	39-145	
2-Nitrophenol	ug/L	50	43.0	86	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	38.4	77	30-130	
3,3'-Dichlorobenzidine	ug/L	100	94.3	94	44-158	
3-Nitroaniline	ug/L	100	89.4	89	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	99.1	99	39-158	
4-Bromophenylphenyl ether	ug/L	50	43.7	87	47-147	
4-Chloro-3-methylphenol	ug/L	100	86.1	86	40-138	
4-Chloroaniline	ug/L	100	72.3	72	35-130	
4-Chlorophenylphenyl ether	ug/L	50	41.1	82	36-139	
4-Nitroaniline	ug/L	100	92.8	93	46-157	
4-Nitrophenol	ug/L	250	157	63	17-130	
Acenaphthene	ug/L	50	41.7	83	34-135	
Acenaphthylene	ug/L	50	41.8	84	35-137	
Aniline	ug/L	50	13.4	27	25-130	
Anthracene	ug/L	50	41.2	82	47-146	
Benzo(a)anthracene	ug/L	50	47.0	94	48-160	
Benzo(b)fluoranthene	ug/L	50	46.5	93	49-171	
Benzo(g,h,i)perylene	ug/L	50	44.1	88	46-166	
Benzo(k)fluoranthene	ug/L	50	46.4	93	55-162	
Benzoic Acid	ug/L	250	106	42	10-130	
Benzyl alcohol	ug/L	100	76.2	76	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	39.9	80	33-136	
bis(2-Chloroethyl) ether	ug/L	50	38.6	77	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	51.8	104	46-173	
Butylbenzylphthalate	ug/L	50	54.2	108	53-169	
Chrysene	ug/L	50	46.0	92	54-152	
Di-n-butylphthalate	ug/L	50	48.5	97	49-161	
Di-n-octylphthalate	ug/L	50	54.5	109	50-166	
Dibenz(a,h)anthracene	ug/L	50	45.6	91	46-166	
Dibenzofuran	ug/L	50	41.5	83	37-136	
Diethylphthalate	ug/L	50	45.7	91	45-149	
Dimethylphthalate	ug/L	50	44.1	88	43-145	
Fluoranthene	ug/L	50	46.3	93	50-153	
Fluorene	ug/L	50	43.2	86	42-142	
Hexachlorobenzene	ug/L	50	42.6	85	44-138	
Hexachlorocyclopentadiene	ug/L	50	36.8	74	10-130	
Hexachloroethane	ug/L	50	23.4	47	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	45.9	92	46-166	
Isophorone	ug/L	50	42.4	85	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	41.4	83	33-140	
N-Nitrosodimethylamine	ug/L	50	35.9	72	24-130	
N-Nitrosodiphenylamine	ug/L	50	43.5	87	46-144	
Nitrobenzene	ug/L	50	39.8	80	33-133	
Pentachlorophenol	ug/L	100	98.1	98	21-163	
Phenanthrene	ug/L	50	43.6	87	47-146	
Phenol	ug/L	50	26.9	54	19-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

LABORATORY CONTROL SAMPLE: 3969725

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	47.9	96	53-155	
2,4,6-Tribromophenol (S)	%			120	10-164	
2-Fluorobiphenyl (S)	%			94	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			99	10-138	
Phenol-d6 (S)	%			62	10-130	
Terphenyl-d14 (S)	%			118	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969726 3969727

Parameter	Units	92658864003 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	100	100	53.6	52.1	54	52	10-131	3	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	46.9	45.4	47	45	11-143	3	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	58.7	53.5	59	54	10-170	9	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	56.9	52.3	57	52	10-166	9	30	
2,4-Dichlorophenol	ug/L	ND	100	100	53.7	51.5	54	52	10-153	4	30	
2,4-Dimethylphenol	ug/L	ND	100	100	81.9	80.3	82	80	20-147	2	30	
2,4-Dinitrophenol	ug/L	ND	500	500	276	232	55	46	10-172	17	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	60.6	54.9	61	55	30-164	10	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	58.5	52.0	59	52	31-163	12	30	
2-Chloronaphthalene	ug/L	ND	100	100	52.7	49.6	53	50	15-134	6	30	
2-Chlorophenol	ug/L	ND	100	100	50.7	51.0	51	51	10-139	1	30	
2-Methylnaphthalene	ug/L	ND	100	100	50.4	49.7	50	50	12-130	1	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	49.8	50.4	50	50	19-132	1	30	
2-Nitroaniline	ug/L	ND	200	200	114	98.5	57	49	23-154	14	30	
2-Nitrophenol	ug/L	ND	100	100	56.7	53.0	57	53	10-159	7	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	46.5	47.2	46	47	13-136	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	129	107	64	54	10-178	18	30	
3-Nitroaniline	ug/L	ND	200	200	117	107	58	54	20-166	9	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	134	114	67	57	10-187	16	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	58.3	53.3	58	53	31-157	9	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	108	101	54	50	27-146	7	30	
4-Chloroaniline	ug/L	ND	200	200	96.0	90.5	48	45	13-143	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	53.0	47.7	53	48	23-149	11	30	
4-Nitroaniline	ug/L	ND	200	200	125	114	63	57	24-171	10	30	
4-Nitrophenol	ug/L	ND	500	500	203	183	41	37	10-130	10	30	
Acenaphthene	ug/L	ND	100	100	53.8	49.8	54	50	21-147	8	30	
Acenaphthylene	ug/L	ND	100	100	54.5	49.9	54	50	19-150	9	30	
Aniline	ug/L	ND	100	100	29.7	21.2	30	21	10-130	33	30	R1
Anthracene	ug/L	ND	100	100	56.3	52.7	56	53	36-152	7	30	
Benzo(a)anthracene	ug/L	ND	100	100	68.3	59.4	68	59	42-163	14	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	67.1	59.1	67	59	40-177	13	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	66.1	57.8	66	58	38-174	13	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: Bramlette MGP J23030238
Pace Project No.: 92658783

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969726 3969727

Parameter	Units	92658864003 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	100	100	65.6	56.8	66	57	41-171	14	30	
Benzoic Acid	ug/L	ND	500	500	155	151	31	30	10-130	3	30	
Benzyl alcohol	ug/L	ND	200	200	96.7	97.0	48	49	18-141	0	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	50.0	48.9	50	49	19-146	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	50.6	49.3	51	49	19-151	3	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	73.0	61.2	73	61	42-168	18	30	
Butylbenzylphthalate	ug/L	ND	100	100	76.1	65.0	76	65	42-177	16	30	
Chrysene	ug/L	ND	100	100	67.2	59.2	67	59	43-159	13	30	
Di-n-butylphthalate	ug/L	ND	100	100	67.9	60.3	68	60	42-160	12	30	
Di-n-octylphthalate	ug/L	ND	100	100	76.5	64.2	77	64	42-171	17	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	67.4	58.5	67	58	40-171	14	30	
Dibenzofuran	ug/L	ND	100	100	53.6	49.2	54	49	23-147	9	30	
Diethylphthalate	ug/L	ND	100	100	57.6	52.4	58	52	33-157	9	30	
Dimethylphthalate	ug/L	ND	100	100	56.0	48.9	56	49	27-154	14	30	
Fluoranthene	ug/L	ND	100	100	67.4	60.5	67	61	42-157	11	30	
Fluorene	ug/L	ND	100	100	55.8	50.7	56	51	25-155	10	30	
Hexachlorobenzene	ug/L	ND	100	100	56.9	52.8	57	53	32-145	7	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	53.6	50.0	54	50	10-130	7	30	
Hexachloroethane	ug/L	ND	100	100	42.4	41.9	42	42	10-130	1	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	67.4	58.5	67	58	39-174	14	30	
Isophorone	ug/L	ND	100	100	54.0	51.0	54	51	19-146	6	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	52.1	49.9	52	50	20-150	4	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	45.6	46.9	46	47	13-130	3	30	
N-Nitrosodiphenylamine	ug/L	ND	100	100	56.7	52.3	57	52	33-149	8	30	
Nitrobenzene	ug/L	ND	100	100	53.5	51.4	54	51	19-145	4	30	
Pentachlorophenol	ug/L	ND	200	200	139	126	69	63	10-188	10	30	
Phenanthrene	ug/L	ND	100	100	59.8	55.9	60	56	38-150	7	30	
Phenol	ug/L	ND	100	100	32.1	33.4	32	33	10-130	4	30	
Pyrene	ug/L	ND	100	100	70.0	63.0	70	63	42-163	11	30	
2,4,6-Tribromophenol (S)	%						74	57	10-164			
2-Fluorobiphenyl (S)	%						56	45	10-130			
2-Fluorophenol (S)	%						42	36	10-130			
Nitrobenzene-d5 (S)	%						59	50	10-138			
Phenol-d6 (S)	%						33	30	10-130			
Terphenyl-d14 (S)	%						78	58	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 764196
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: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783013, 92658783015, 92658783016

METHOD BLANK: 3968372 Matrix: Water
Associated Lab Samples: 92658783001, 92658783002, 92658783003, 92658783004, 92658783005, 92658783013, 92658783015, 92658783016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/29/23 09:03	
2-Fluorobiphenyl (S)	%	93	61-194		03/29/23 09:03	
Nitrobenzene-d5 (S)	%	83	69-194		03/29/23 09:03	
Terphenyl-d14 (S)	%	100	69-180		03/29/23 09:03	

LABORATORY CONTROL SAMPLE: 3968373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.3	94	70-130	
2-Fluorobiphenyl (S)	%			95	61-194	
Nitrobenzene-d5 (S)	%			89	69-194	
Terphenyl-d14 (S)	%			94	69-180	

MATRIX SPIKE SAMPLE: 3968374

Parameter	Units	92658729010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	ND		3.2			
2-Fluorobiphenyl (S)	%				104	61-194	
Nitrobenzene-d5 (S)	%				93	69-194	
Terphenyl-d14 (S)	%				98	69-180	

SAMPLE DUPLICATE: 3968375

Parameter	Units	92658729011 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/L	ND	ND		30	
2-Fluorobiphenyl (S)	%	104	104			
Nitrobenzene-d5 (S)	%	87	90			
Terphenyl-d14 (S)	%	96	98			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 764198
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: 92658783017, 92658783018

METHOD BLANK: 3968376 Matrix: Water
Associated Lab Samples: 92658783017, 92658783018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/29/23 08:20	
2-Fluorobiphenyl (S)	%	97	61-194		03/29/23 08:20	
Nitrobenzene-d5 (S)	%	93	69-194		03/29/23 08:20	
Terphenyl-d14 (S)	%	95	69-180		03/29/23 08:20	

LABORATORY CONTROL SAMPLE: 3968377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.8	111	70-130	
2-Fluorobiphenyl (S)	%			97	61-194	
Nitrobenzene-d5 (S)	%			87	69-194	
Terphenyl-d14 (S)	%			96	69-180	

MATRIX SPIKE SAMPLE: 3968378

Parameter	Units	92658783017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	ND	2.4	3.0	123	11-178	
2-Fluorobiphenyl (S)	%				106	61-194	
Nitrobenzene-d5 (S)	%				95	69-194	
Terphenyl-d14 (S)	%				95	69-180	

SAMPLE DUPLICATE: 3968379

Parameter	Units	92658783018 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/L	ND	ND		30	
2-Fluorobiphenyl (S)	%	93	82			
Nitrobenzene-d5 (S)	%	77	68			S0
Terphenyl-d14 (S)	%	89	74			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 764819
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: 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783011, 92658783012, 92658783014

METHOD BLANK: 3971311 Matrix: Water
Associated Lab Samples: 92658783006, 92658783007, 92658783008, 92658783009, 92658783010, 92658783011, 92658783012, 92658783014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/23 14:45	
2-Fluorobiphenyl (S)	%	114	61-194		03/30/23 14:45	
Nitrobenzene-d5 (S)	%	101	69-194		03/30/23 14:45	
Terphenyl-d14 (S)	%	113	69-180		03/30/23 14:45	

LABORATORY CONTROL SAMPLE: 3971312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.9	118	70-130	
2-Fluorobiphenyl (S)	%			127	61-194	
Nitrobenzene-d5 (S)	%			113	69-194	
Terphenyl-d14 (S)	%			116	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971313 3971314

Parameter	Units	92659546005 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				5.6	4.4				25	30	
2-Fluorobiphenyl (S)	%						75	67	61-194			
Nitrobenzene-d5 (S)	%						89	78	69-194			
Terphenyl-d14 (S)	%						96	83	69-180			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 764334
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658783009

METHOD BLANK: 3969154 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/28/23 18:47	

LABORATORY CONTROL SAMPLE: 3969155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.3	99	80-120	

LABORATORY CONTROL SAMPLE: 3969156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969157 3969158

Parameter	Units	92657841002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	65.7	50	50	114	116	97	101	80-120	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969159 3969160

Parameter	Units	92657841003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	71.5	50	50	126	125	108	107	80-120	1	25	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658783

QC Batch: 763799
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: 92658783009

METHOD BLANK: 3966865 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	03/25/23 02:00	

LABORATORY CONTROL SAMPLE: 3966866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.52	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966867 3966868

Parameter	Units	92658401001 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	0.53	101	105	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966869 3966870

Parameter	Units	92658401003 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	0.54	0.53	102	100	80-120	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 763831
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: 92658783009

METHOD BLANK: 3966924 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/25/23 12:20	

LABORATORY CONTROL SAMPLE: 3966925

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966926 3966927

Parameter	Units	92658436001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	14.6	50	50	63.6	64.7	98	100	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966928 3966929

Parameter	Units	92658450001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	7.9	50	50	57.8	58.3	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 763827
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658783009

METHOD BLANK: 3966912 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	03/25/23 12:43	

LABORATORY CONTROL SAMPLE: 3966913

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.1	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966914 3966915

Parameter	Units	92658640001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.4	5.4	108	108	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3966916 3966917

Parameter	Units	92658640002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.2	5.2	104	104	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 764475
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92658783009

METHOD BLANK: 3969768 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	03/29/23 13:07	

LABORATORY CONTROL SAMPLE: 3969769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969770 3969771

Parameter	Units	92658522001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	6.3	2.5	2.5	8.7	8.6	96	95	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969772 3969773

Parameter	Units	92658526002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.065	2.5	2.5	2.5	2.5	98	98	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658783

QC Batch: 764333
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658783009

METHOD BLANK: 3969144 Matrix: Water
Associated Lab Samples: 92658783009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 17:13	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 17:13	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 17:13	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 17:13	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/28/23 17:13	

LABORATORY CONTROL SAMPLE: 3969145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.2	93	75-125	
Total Organic Carbon	mg/L	25	23.0	92	75-125	
Total Organic Carbon	mg/L	25	22.9	91	75-125	
Total Organic Carbon	mg/L	25	23.5	94	75-125	
Total Organic Carbon	mg/L	25	23.6	94	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969146 3969147

Parameter	Units	92658693001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	27.6	25	25	50.5	51.2	92	94	75-125	1	25	P4
Total Organic Carbon	mg/L	27.0	25	25	50.6	51.5	94	98	75-125	2	25	P4
Total Organic Carbon	mg/L	27.0	25	25	50.2	50.2	93	93	75-125	0	25	P4
Total Organic Carbon	mg/L	28.5	25	25	51.0	51.8	90	93	75-125	2	25	P4
Total Organic Carbon	mg/L	27.8	25	25	50.4	51.3	90	94	75-125	2	25	P4

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969148 3969149

Parameter	Units	92658693007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	48.6	25	25	76.6	76.9	112	113	75-125	0	25	
Total Organic Carbon	mg/L	47.3	25	25	76.5	76.7	117	118	75-125	0	25	
Total Organic Carbon	mg/L	48.7	25	25	75.0	76.4	105	111	75-125	2	25	
Total Organic Carbon	mg/L	49.7	25	25	78.0	77.2	113	110	75-125	1	25	
Total Organic Carbon	mg/L	48.7	25	25	77.1	77.2	113	114	75-125	0	25	

Results presented on this page are in 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: Bramlette MGP J23030238
Pace Project No.: 92658783

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
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.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
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.

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: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658783009	**MW-43BR-20230323**	RSK 175 Modified	763989		
92658783009	**MW-43BR-20230323**	EPA 3010A	763853	EPA 6010D	763871
92658783009	**MW-43BR-20230323**	EPA 3010A	763848	EPA 6010D	763863
92658783001	**MW-27-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783002	**MW-33S-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783003	**MW-33TZ-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783004	**MW-35TZ-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783005	**MW-48S-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783006	**MW-48TZ-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783007	**DUP-03-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783008	**MW-35S-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783009	**MW-43BR-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783010	**MW-35BR-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783011	**MW-45S-20230323**	EPA 3510C	764162	EPA 8270E	764501
92658783012	**MW-30S-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783013	**MW-3-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783014	**MW-30TZ-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783015	**MW-3BR-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783016	**MW-20-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783017	**MW-43TZ-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783018	**EB-04-20230323**	EPA 3510C	764460	EPA 8270E	764982
92658783001	**MW-27-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783002	**MW-33S-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783003	**MW-33TZ-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783004	**MW-35TZ-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783005	**MW-48S-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783006	**MW-48TZ-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783007	**DUP-03-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783008	**MW-35S-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783009	**MW-43BR-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783010	**MW-35BR-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783011	**MW-45S-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783012	**MW-30S-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783013	**MW-3-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783014	**MW-30TZ-20230323**	EPA 3511	764819	EPA 8270E by SIM	765082
92658783015	**MW-3BR-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783016	**MW-20-20230323**	EPA 3511	764196	EPA 8270E by SIM	764453
92658783017	**MW-43TZ-20230323**	EPA 3511	764198	EPA 8270E by SIM	764454
92658783018	**EB-04-20230323**	EPA 3511	764198	EPA 8270E by SIM	764454
92658783001	**MW-27-20230323**	EPA 8260D	764085		
92658783002	**MW-33S-20230323**	EPA 8260D	764085		
92658783003	**MW-33TZ-20230323**	EPA 8260D	764085		
92658783004	**MW-35TZ-20230323**	EPA 8260D	764085		

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: Bramlette MGP J23030238
Pace Project No.: 92658783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658783005	**MW-48S-20230323**	EPA 8260D	764085		
92658783006	**MW-48TZ-20230323**	EPA 8260D	764085		
92658783007	**DUP-03-20230323**	EPA 8260D	764085		
92658783008	**MW-35S-20230323**	EPA 8260D	764085		
92658783009	**MW-43BR-20230323**	EPA 8260D	764085		
92658783010	**MW-35BR-20230323**	EPA 8260D	764085		
92658783011	**MW-45S-20230323**	EPA 8260D	765222		
92658783012	**MW-30S-20230323**	EPA 8260D	764085		
92658783013	**MW-3-20230323**	EPA 8260D	764085		
92658783014	**MW-30TZ-20230323**	EPA 8260D	764085		
92658783015	**MW-3BR-20230323**	EPA 8260D	765222		
92658783016	**MW-20-20230323**	EPA 8260D	764743		
92658783017	**MW-43TZ-20230323**	EPA 8260D	764085		
92658783018	**EB-04-20230323**	EPA 8260D	764085		
92658783019	**TB-07-20230323**	EPA 8260D	764085		
92658783020	**TB-08-20230323**	EPA 8260D	764085		
92658783009	**MW-43BR-20230323**	SM 2320B-2011	764334		
92658783009	**MW-43BR-20230323**	SM 4500-S2D-2011	763799		
92658783009	**MW-43BR-20230323**	EPA 300.0 Rev 2.1 1993	763831		
92658783009	**MW-43BR-20230323**	EPA 350.1 Rev 2.0 1993	763827		
92658783009	**MW-43BR-20230323**	EPA 353.2 Rev 2.0 1993	764475		
92658783009	**MW-43BR-20230323**	EPA 9060A	764333		
92658783009	**MW-43BR-20230323**	SM 4500-CO2 D-2011	764635		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

WO#: 92658783

92658783

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: ____

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

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
Preservative										3	U	U	2	U	4&5	U	1	1	U	O
MW-27-20230323	GW	Grab	3/23/2023	09:35				8	G	X	X	X								
MW-33S-20230323	GW	Grab	3/23/2023	09:50				8	G	X	X	X								
MW-33TZ-20230323	GW	Grab	3/23/2023	09:55				8	G	X	X	X								
MW-35TZ-20230323	GW	Grab	3/23/2023	10:20				8	G	X	X	X								
MW-48S-20230323	GW	Grab	3/23/2023	11:01				8	G	X	X	X								
MW-48TZ-20230323	GW	Grab	3/23/2023	11:10				8	G	X	X	X								
DUP-03-20230323	GW	Grab	3/23/2023	11:15				8	G	X	X	X								
MW-35S-20230323	GW	Grab	3/23/2023	11:20				8	G	X	X	X								
MW-43BR-20230323	GW	Grab	3/23/2023	11:40				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-35BR-20230323	GW	Grab	3/23/2023	12:42				8	G	X	X	X								

Lab Profile/Line:

Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y N NA (N circled)
- Custody Signatures Present Y N NA (N circled)
- Collector Signature Present Y N NA (Y circled)
- Bottles Intact Y N NA (Y circled)
- Correct Bottles Y N NA (Y circled)
- Sufficient Volume Y N NA (Y circled)
- Samples Received on Ice Y N NA (Y circled)
- VOA - Headspace Acceptable Y N NA (Y circled)
- USDA Regulated Soils Y N NA (NA circled)
- Samples in Holding Time Y N NA (Y circled)
- Residual Chlorine Present Y N NA (N circled)
- Cl Strips: 2246
- Sample pH Acceptable Y N NA (Y circled)
- pH Strips: 2238 48V
- Sulfide Present Y N NA (NA circled)
- Lead Acetate Strips: ____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet (circled) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / Geosyntec	3-23-23, 1635	[signature] / Pace-GVL	3-23-23 1635
[signature] / Pace-GVL	1315	[signature]	3/24 1315

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

LAB Sample Temperature Info:
- Temp Blank Received: Y N NA
- Therm ID#: 931082
- Cooler 1 Temp Upon Receipt: ____oC
- Cooler 1 Therm Corr. Factor: 0 oC
- Cooler 1 Corrected Temp: ____oC
- Comments: 2.8, 3.9

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

WO# : 92658783

PM: LJP Due Date: 03/31/23

CLIENT: 92-Duke Ener

LAB U... Number or ... LY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day / Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-45S-20230323	GW	Grab	3/23/2023	14:35				8	G	X	X	X								
MW-30S-20230323	GW	Grab	3/23/2023	14:10				8	G	X	X	X								
MW-3-20230323	GW	Grab	3/23/2023	14:06				8	G	X	X	X								
MW-30TZ-20230323	GW	Grab	3/23/2023	14:55				8	G	X	X	X								
MW-3BR-20230323	GW	Grab	3/23/2023	15:00				8	G	X	X	X								
MW-20-20230323	GW	Grab	3/23/2023	15:01				8	G	X	X	X								
MW-43TZ-20230323	GW	Grab	3/23/2023	15:35				8	G	X	X	X								
EB-04-20230323	OT	Grab	3/23/2023	16:10				8	G	X	X	X								
TB-07-20230323	OT	Grab	3/23/2023					2	G	X										
TB-08-20230323	OT	Grab	3/23/2023					2	G	X										

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Co...										
3	U	U	2	U	4&5	U	1	1	U	U

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N) NA
Custody Signatures Present	Y (N) NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y (N) NA
Cl Strips: 22 96	
Sample pH Acceptable	(Y) N NA
pH Strips: 223819BV	
Sulfide Present	Y N (NA)
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier (Pace)

LAB Sample Temperature Info:

Temp Blank Received: Y N NA
Therm ID#: 93882
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: ____oC
Comments:
2.8, 3.9

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: ____ of: ____

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
John Trotter/Geosyntec	3-23-23/1635	Chelsea Smith/Pace-GRL	3-23-23 1635
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Chelsea Smith/Pace GRL	1315	KBenham Ace	3/24/1315
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

WO#: 92658783

PM: LJP Due Date: 03/31/23

CLIENT: 92-Duke Ener

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

Project

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

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

***Check all unpreserved Nitrates for chlorine

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	DG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	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																1											2		3
7																3											2		3
8																2											2		3
9		2			2	2	1									3		3	3								2		3
10																2											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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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

***Check all unpreserved Nitrates for chlorine

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	SGU-20 mL Scintillation vials (N/A)	BG9U-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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
www.pacelabs.com

Sample Receiving Non-Conformance Form (NCF)

Date: 3/24/23	Evaluated by: KB
Client: Geosyntec / Duke	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

	Collection date/time missing or incorrect		Analyses or analytes: missing or clarification needed		Samples listed on COC do not match samples received (missing, additional, etc.)
X	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:

MW-455-20230323 on COC, MW-435-20230323 on client Label. Time/Date matches.

3. Sample integrity issues: check applicable issues below and add details where appropriate:

	Samples: Past holding time		Samples: Condition needs to be brought to lab personnel's attention (details below)		Preservation: Improper
	Samples: Not field filtered		Containers: Broken or compromised		Temperature: not within acceptance criteria (typically 0-6C)
	Samples: Insufficient volume received		Containers: Incorrect		Temperature: Samples arrived frozen
	Samples: Cooler damaged or compromised		Custody Seals: Missing or compromised on samples, trip blanks or coolers		Vials received with improper headspace
	Samples: contain chlorine or sulfides		Packing Material: Insufficient/Improper		Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

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

April 06, 2023

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

RE: Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 27, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
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 Laboratory ID: 99030
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: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92658966001	**MW-3BRL-20230324-MS/MSD**	Water	03/24/23 09:28	03/27/23 12:05
92658966002	**MW-31S-20230324**	Water	03/24/23 09:50	03/27/23 12:05
92658966003	**DUP-04-20230324**	Water	03/24/23 22:00	03/27/23 12:05
92658966004	**MW-31TZ-20230324**	Water	03/24/23 09:50	03/27/23 12:05
92658966005	**MW-45BR-20230324**	Water	03/24/23 09:34	03/27/23 12:05
92658966006	**MW-46BR-20230324**	Water	03/24/23 11:14	03/27/23 12:05
92658966007	**MW-47BR-20230324**	Water	03/24/23 11:05	03/27/23 12:05
92658966008	**MW-32TZ-20230324**	Water	03/24/23 11:05	03/27/23 12:05
92658966009	**MW-32S-20230324**	Water	03/24/23 11:05	03/27/23 12:05
92658966010	**MW-50S-20230324**	Water	03/24/23 14:15	03/27/23 12:05
92658966011	**MW-21BR-20230324**	Water	03/24/23 14:14	03/27/23 12:05
92658966012	**MW-21BRL-20230324**	Water	03/24/23 14:17	03/27/23 12:05
92658966013	**MW-50TZ-20230324**	Water	03/24/23 14:35	03/27/23 12:05
92658966014	**EB-05-20230324**	Water	03/24/23 15:00	03/27/23 12:05
92658966015	**TB-09-20230324**	Water	03/24/23 00:00	03/27/23 12:05
92658966016	**TB-10-20230324**	Water	03/24/23 00:00	03/27/23 12:05

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92658966001	**MW-3BRL-20230324-MS/MSD**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92658966002	**MW-31S-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966003	**DUP-04-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966004	**MW-31TZ-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966005	**MW-45BR-20230324**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658966006	**MW-46BR-20230324**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658966007	**MW-47BR-20230324**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92658966008	**MW-32TZ-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966009	**MW-32S-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966010	**MW-50S-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966011	**MW-21BR-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966012	**MW-21BRL-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92658966013	**MW-50TZ-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966014	**EB-05-20230324**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK	62	PASI-C
92658966015	**TB-09-20230324**	EPA 8260D	JJK	62	PASI-C
92658966016	**TB-10-20230324**	EPA 8260D	JJK	62	PASI-C

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

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

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658966001	**MW-3BRL-20230324-MS/MSD**					
EPA 8270E	Acenaphthene	22.0	ug/L	8.3	03/31/23 19:49	
EPA 8270E	Acenaphthylene	85.5	ug/L	8.3	03/31/23 19:49	M1
EPA 8270E	Anthracene	2.2J	ug/L	8.3	03/31/23 19:49	
EPA 8270E	Dibenzofuran	6.1J	ug/L	8.3	03/31/23 19:49	
EPA 8270E	2,4-Dimethylphenol	21.6	ug/L	8.3	03/31/23 19:49	M1
EPA 8270E	Fluorene	21.0	ug/L	8.3	03/31/23 19:49	
EPA 8270E	1-Methylnaphthalene	170	ug/L	16.7	04/02/23 11:39	M1
EPA 8270E	2-Methylnaphthalene	53.0	ug/L	8.3	03/31/23 19:49	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	2.2J	ug/L	8.3	03/31/23 19:49	
EPA 8270E	Phenanthrene	17.3	ug/L	8.3	03/31/23 19:49	
EPA 8270E	Phenol	1.9J	ug/L	8.3	03/31/23 19:49	
EPA 8270E by SIM	Benzo(a)pyrene	0.053J	ug/L	0.10	03/31/23 17:15	
EPA 8260D	Benzene	575	ug/L	40.0	03/30/23 15:57	M1
EPA 8260D	Ethylbenzene	174	ug/L	40.0	03/30/23 15:57	M1
EPA 8260D	Naphthalene	4450	ug/L	40.0	03/30/23 15:57	M1
EPA 8260D	Styrene	49.2	ug/L	40.0	03/30/23 15:57	M1
EPA 8260D	Toluene	171	ug/L	40.0	03/30/23 15:57	M1
EPA 8260D	Xylene (Total)	210	ug/L	40.0	03/30/23 15:57	MS
EPA 8260D	m&p-Xylene	135	ug/L	80.0	03/30/23 15:57	M1
EPA 8260D	o-Xylene	75.2	ug/L	40.0	03/30/23 15:57	M1
92658966002	**MW-31S-20230324**					
EPA 8270E	Acenaphthene	5.2J	ug/L	8.7	03/31/23 21:06	
92658966003	**DUP-04-20230324**					
EPA 8270E	Acenaphthene	5.5J	ug/L	8.3	03/31/23 21:31	
92658966005	**MW-45BR-20230324**					
RSK 175 Modified	Methane	594	ug/L	10.0	03/28/23 16:32	
EPA 8270E	Acenaphthene	5.0J	ug/L	10.0	03/31/23 22:22	
EPA 8270E	Acenaphthylene	2.6J	ug/L	10.0	03/31/23 22:22	
EPA 8270E	2,4-Dimethylphenol	34.9	ug/L	10.0	03/31/23 22:22	
EPA 8270E	1-Methylnaphthalene	15.1	ug/L	10.0	03/31/23 22:22	
EPA 8270E	2-Methylnaphthalene	20.2	ug/L	10.0	03/31/23 22:22	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	1.5J	ug/L	10.0	03/31/23 22:22	
EPA 8270E	Phenol	5.1J	ug/L	10.0	03/31/23 22:22	
EPA 8260D	Acetone	124	ug/L	50.0	03/29/23 19:46	
EPA 8260D	Benzene	87.0	ug/L	2.0	03/29/23 19:46	
EPA 8260D	Ethylbenzene	19.4	ug/L	2.0	03/29/23 19:46	
EPA 8260D	Naphthalene	347	ug/L	2.0	03/29/23 19:46	
EPA 8260D	Styrene	6.1	ug/L	2.0	03/29/23 19:46	
EPA 8260D	Toluene	27.5	ug/L	2.0	03/29/23 19:46	
EPA 8260D	Xylene (Total)	26.8	ug/L	2.0	03/29/23 19:46	
EPA 8260D	m&p-Xylene	16.6	ug/L	4.0	03/29/23 19:46	
EPA 8260D	o-Xylene	10.2	ug/L	2.0	03/29/23 19:46	
SM 2320B-2011	Alkalinity, Total as CaCO3	176	mg/L	5.0	03/31/23 21:02	
SM 4500-S2D-2011	Sulfide	0.89	mg/L	0.10	03/31/23 02:37	
EPA 300.0 Rev 2.1 1993	Sulfate	118	mg/L	3.0	03/28/23 00:12	M1
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.25	mg/L	0.10	03/29/23 12:55	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658966005	**MW-45BR-20230324**					
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.023J	mg/L	0.040	03/29/23 14:22	
EPA 9060A	Total Organic Carbon	22.0	mg/L	1.0	03/29/23 04:00	
EPA 9060A	Total Organic Carbon	21.8	mg/L	1.0	03/29/23 04:00	
EPA 9060A	Total Organic Carbon	22.2	mg/L	1.0	03/29/23 04:00	
EPA 9060A	Total Organic Carbon	22.4	mg/L	1.0	03/29/23 04:00	
EPA 9060A	Mean Total Organic Carbon	22.1	mg/L	1.0	03/29/23 04:00	
SM 4500-CO2 D-2011	Carbon dioxide	73.9	mg/L	5.0	04/04/23 12:38	N2
92658966006	**MW-46BR-20230324**					
RSK 175 Modified	Methane	673	ug/L	10.0	03/28/23 16:48	M1
EPA 6010D	Manganese	5.0	ug/L	5.0	03/30/23 18:51	
EPA 8260D	Naphthalene	1.8	ug/L	1.0	03/29/23 05:33	
SM 2320B-2011	Alkalinity, Total as CaCO3	147	mg/L	5.0	03/28/23 21:24	
SM 4500-S2D-2011	Sulfide	0.11	mg/L	0.10	03/31/23 02:38	
EPA 300.0 Rev 2.1 1993	Sulfate	1.5	mg/L	1.0	03/27/23 23:15	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.021J	mg/L	0.040	03/29/23 14:28	
EPA 9060A	Total Organic Carbon	2.2	mg/L	1.0	03/29/23 04:58	
EPA 9060A	Total Organic Carbon	1.4	mg/L	1.0	03/29/23 04:58	
EPA 9060A	Total Organic Carbon	1.4	mg/L	1.0	03/29/23 04:58	
EPA 9060A	Total Organic Carbon	1.2	mg/L	1.0	03/29/23 04:58	
EPA 9060A	Mean Total Organic Carbon	1.5	mg/L	1.0	03/29/23 04:58	
SM 4500-CO2 D-2011	Carbon dioxide	129	mg/L	5.0	04/04/23 12:38	N2
92658966007	**MW-47BR-20230324**					
RSK 175 Modified	Methane	837	ug/L	10.0	03/28/23 17:04	
EPA 8270E	Acenaphthene	4.8J	ug/L	9.1	03/31/23 23:13	
EPA 8270E	Acenaphthylene	62.0	ug/L	9.1	03/31/23 23:13	
EPA 8270E	Benzoic Acid	24.0J	ug/L	45.5	03/31/23 23:13	
EPA 8270E	Dibenzofuran	3.2J	ug/L	9.1	03/31/23 23:13	
EPA 8270E	2,4-Dimethylphenol	23.2	ug/L	9.1	03/31/23 23:13	
EPA 8270E	Fluorene	10.1	ug/L	9.1	03/31/23 23:13	
EPA 8270E	1-Methylnaphthalene	98.5	ug/L	9.1	03/31/23 23:13	
EPA 8270E	2-Methylnaphthalene	154	ug/L	18.2	04/02/23 12:04	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	4.7J	ug/L	9.1	03/31/23 23:13	
EPA 8270E	Phenanthrene	8.0J	ug/L	9.1	03/31/23 23:13	
EPA 8270E	Phenol	2.5J	ug/L	9.1	03/31/23 23:13	
EPA 8260D	Acetone	210J	ug/L	312	03/31/23 18:40	M1
EPA 8260D	Benzene	134	ug/L	12.5	03/31/23 18:40	M1
EPA 8260D	Ethylbenzene	142	ug/L	12.5	03/31/23 18:40	M1
EPA 8260D	Naphthalene	1860	ug/L	12.5	03/31/23 18:40	IH,M1
EPA 8260D	Styrene	47.7	ug/L	12.5	03/31/23 18:40	M1
EPA 8260D	Toluene	737	ug/L	12.5	03/31/23 18:40	M1
EPA 8260D	Xylene (Total)	702	ug/L	12.5	03/31/23 18:40	MS
EPA 8260D	m&p-Xylene	450	ug/L	25.0	03/31/23 18:40	M1
EPA 8260D	o-Xylene	251	ug/L	12.5	03/31/23 18:40	M1
SM 2320B-2011	Alkalinity, Total as CaCO3	847	mg/L	5.0	03/31/23 21:11	
EPA 300.0 Rev 2.1 1993	Sulfate	18.3	mg/L	1.0	03/27/23 23:29	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.96	mg/L	0.10	03/29/23 13:00	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92658966007	**MW-47BR-20230324**					
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.032J	mg/L	0.040	03/29/23 14:29	
EPA 9060A	Total Organic Carbon	15.0	mg/L	1.0	03/29/23 05:17	
EPA 9060A	Total Organic Carbon	15.0	mg/L	1.0	03/29/23 05:17	
EPA 9060A	Total Organic Carbon	15.2	mg/L	1.0	03/29/23 05:17	
EPA 9060A	Total Organic Carbon	15.4	mg/L	1.0	03/29/23 05:17	
EPA 9060A	Mean Total Organic Carbon	15.1	mg/L	1.0	03/29/23 05:17	
SM 4500-CO2 D-2011	Carbon dioxide	179	mg/L	5.0	04/04/23 12:38	N2
92658966012	**MW-21BRL-20230324**					
EPA 8270E	Acenaphthene	3.1J	ug/L	8.3	04/01/23 01:19	
EPA 8270E	Acenaphthylene	39.0	ug/L	8.3	04/01/23 01:19	
EPA 8270E	2,4-Dimethylphenol	2.1J	ug/L	8.3	04/01/23 01:19	
EPA 8270E	Fluorene	4.8J	ug/L	8.3	04/01/23 01:19	
EPA 8270E	1-Methylnaphthalene	17.5	ug/L	8.3	04/01/23 01:19	
EPA 8270E	2-Methylnaphthalene	7.2J	ug/L	8.3	04/01/23 01:19	
EPA 8260D	Benzene	27.7	ug/L	12.5	03/31/23 18:58	
EPA 8260D	Ethylbenzene	56.4	ug/L	12.5	03/31/23 18:58	
EPA 8260D	Naphthalene	1600	ug/L	12.5	03/31/23 18:58	IH
EPA 8260D	Styrene	195	ug/L	12.5	03/31/23 18:58	
EPA 8260D	Toluene	343	ug/L	12.5	03/31/23 18:58	
EPA 8260D	Xylene (Total)	277	ug/L	12.5	03/31/23 18:58	
EPA 8260D	m&p-Xylene	188	ug/L	25.0	03/31/23 18:58	
EPA 8260D	o-Xylene	88.3	ug/L	12.5	03/31/23 18:58	

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: April 06, 2023

General Information:
3 samples were analyzed for RSK 175 Modified 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.

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: 764274

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966006

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

- MS (Lab ID: 3968720)
  - Methane

Duplicate Sample:
All duplicate sample results were within method 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: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: April 06, 2023

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: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: April 06, 2023

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: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 06, 2023

General Information:
14 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: 765086

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: 3972687)
  - Di-n-octylphthalate
- DUP-04-20230324 (Lab ID: 92658966003)
  - 2,4-Dinitrophenol
- EB-05-20230324 (Lab ID: 92658966014)
  - 2,4-Dinitrophenol
- LCS (Lab ID: 3972688)
  - Di-n-octylphthalate
- MS (Lab ID: 3972689)
  - 2,4-Dinitrophenol
- MSD (Lab ID: 3972690)
  - 2,4-Dinitrophenol
- MW-21BR-20230324 (Lab ID: 92658966011)
  - 2,4-Dinitrophenol
- MW-21BRL-20230324 (Lab ID: 92658966012)
  - 2,4-Dinitrophenol
- MW-31S-20230324 (Lab ID: 92658966002)
  - 2,4-Dinitrophenol
- MW-31TZ-20230324 (Lab ID: 92658966004)
  - 2,4-Dinitrophenol
- MW-32S-20230324 (Lab ID: 92658966009)
  - 2,4-Dinitrophenol
- MW-32TZ-20230324 (Lab ID: 92658966008)
  - 2,4-Dinitrophenol
- MW-3BRL-20230324-MS/MSD (Lab ID: 92658966001)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 06, 2023

QC Batch: 765086

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.

- 2,4-Dinitrophenol
- MW-45BR-20230324 (Lab ID: 92658966005)
  - 2,4-Dinitrophenol
- MW-46BR-20230324 (Lab ID: 92658966006)
  - 2,4-Dinitrophenol
- MW-47BR-20230324 (Lab ID: 92658966007)
  - 2,4-Dinitrophenol
- MW-50S-20230324 (Lab ID: 92658966010)
  - 2,4-Dinitrophenol
- MW-50TZ-20230324 (Lab ID: 92658966013)
  - 2,4-Dinitrophenol

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: 765086

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- MS (Lab ID: 3972689)
  - 1-Methylnaphthalene
  - Acenaphthylene
- MSD (Lab ID: 3972690)
  - 1-Methylnaphthalene
  - 2,4-Dimethylphenol
  - Acenaphthylene

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 06, 2023

General Information:
14 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: 764500

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

- MS (Lab ID: 3969856)
  - Nitrobenzene-d5 (S)
- MW-3BRL-20230324-MS/MSD (Lab ID: 92658966001)
  - Nitrobenzene-d5 (S)

QC Batch: 764831

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

- DUP-04-20230324 (Lab ID: 92658966003)
  - 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.

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 06, 2023

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

General Information:
16 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.

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

QC Batch: 764309

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: 3968977)
  - Dichlorodifluoromethane
- DUP (Lab ID: 3968979)
  - Dichlorodifluoromethane
- EB-05-20230324 (Lab ID: 92658966014)
  - Dichlorodifluoromethane
- LCS (Lab ID: 3968978)
  - Dichlorodifluoromethane
- MS (Lab ID: 3968980)
  - Dichlorodifluoromethane
- MW-21BR-20230324 (Lab ID: 92658966011)
  - Dichlorodifluoromethane
- MW-31S-20230324 (Lab ID: 92658966002)
  - Dichlorodifluoromethane
- MW-31TZ-20230324 (Lab ID: 92658966004)
  - Dichlorodifluoromethane
- MW-32S-20230324 (Lab ID: 92658966009)
  - Dichlorodifluoromethane
- MW-32TZ-20230324 (Lab ID: 92658966008)
  - Dichlorodifluoromethane
- MW-46BR-20230324 (Lab ID: 92658966006)
  - Dichlorodifluoromethane
- MW-50S-20230324 (Lab ID: 92658966010)
  - Dichlorodifluoromethane
- MW-50TZ-20230324 (Lab ID: 92658966013)
  - Dichlorodifluoromethane
- TB-09-20230324 (Lab ID: 92658966015)
  - Dichlorodifluoromethane
- TB-10-20230324 (Lab ID: 92658966016)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 764309

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.

- Dichlorodifluoromethane

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.

- DUP (Lab ID: 3968979)
  - 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: 3968980)
  - Bromomethane

QC Batch: 764943

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: 3971971)
  - Dichlorodifluoromethane
- DUP-04-20230324 (Lab ID: 92658966003)
  - Dichlorodifluoromethane
- LCS (Lab ID: 3971972)
  - Dichlorodifluoromethane

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: 3971971)
  - Bromomethane
- DUP-04-20230324 (Lab ID: 92658966003)
  - 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: 3971972)
  - Bromomethane

QC Batch: 765256

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: 3973580)
  - 2,2-Dichloropropane
  - 2-Hexanone
  - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3973581)
  - 2,2-Dichloropropane
  - 2-Hexanone
  - Hexachloro-1,3-butadiene
- MS (Lab ID: 3973582)
  - 2,2-Dichloropropane
  - 2-Hexanone

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 765256

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.

- Hexachloro-1,3-butadiene
- MSD (Lab ID: 3973583)
  - 2,2-Dichloropropane
  - 2-Hexanone
  - Hexachloro-1,3-butadiene
- MW-21BRL-20230324 (Lab ID: 92658966012)
  - 2,2-Dichloropropane
  - 2-Hexanone
  - Hexachloro-1,3-butadiene
- MW-47BR-20230324 (Lab ID: 92658966007)
  - 2,2-Dichloropropane
  - 2-Hexanone
  - Hexachloro-1,3-butadiene

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: 764309

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: 3968978)
  - Dichlorodifluoromethane

QC Batch: 764943

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: 3971972)
  - Dichlorodifluoromethane

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

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 764309

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966011

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3968980)
  - Dichlorodifluoromethane

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- MS (Lab ID: 3968991)
  - 1,1,1,2-Tetrachloroethane
  - 1,1,1-Trichloroethane
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2,3-Trichlorobenzene
  - 1,2,3-Trichloropropane
  - 1,2,4-Trichlorobenzene
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - 1,3-Dichlorobenzene
  - 1,3-Dichloropropane
  - 1,4-Dichlorobenzene
  - 2,2-Dichloropropane
  - 2-Butanone (MEK)
  - 2-Chlorotoluene
  - 2-Hexanone
  - 4-Chlorotoluene
  - 4-Methyl-2-pentanone (MIBK)
  - Acetone
  - Benzene
  - Bromobenzene
  - Bromochloromethane
  - Bromodichloromethane
  - Bromoform
  - Bromomethane
  - Carbon tetrachloride
  - Chlorobenzene
  - Chloroethane
  - Chloroform
  - Chloromethane
  - Dibromochloromethane

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

• MSD (Lab ID: 3968992)

- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,1-Dichloropropene
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2-Dibromo-3-chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichloroethane
- 1,2-Dichloropropane
- 1,3-Dichlorobenzene
- 1,3-Dichloropropane
- 1,4-Dichlorobenzene
- 2,2-Dichloropropane
- 2-Butanone (MEK)
- 2-Chlorotoluene

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 764311

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966001

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

- 2-Hexanone
- 4-Chlorotoluene
- 4-Methyl-2-pentanone (MIBK)
- Acetone
- Benzene
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

QC Batch: 765256

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966007

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

- MS (Lab ID: 3973582)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 765256

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966007

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

- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,1-Dichloropropene
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2-Dibromo-3-chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichloroethane
- 1,2-Dichloropropane
- 1,3-Dichlorobenzene
- 1,3-Dichloropropane
- 1,4-Dichlorobenzene
- 2,2-Dichloropropane
- 2-Butanone (MEK)
- 2-Chlorotoluene
- 2-Hexanone
- 4-Chlorotoluene
- 4-Methyl-2-pentanone (MIBK)
- Acetone
- Benzene
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 765256

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966007

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

- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

• MSD (Lab ID: 3973583)

- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,1-Dichloropropene
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2-Dibromo-3-chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichloroethane
- 1,2-Dichloropropane
- 1,3-Dichlorobenzene
- 1,3-Dichloropropane
- 1,4-Dichlorobenzene
- 2,2-Dichloropropane
- 2-Butanone (MEK)
- 2-Chlorotoluene
- 2-Hexanone
- 4-Chlorotoluene
- 4-Methyl-2-pentanone (MIBK)
- Acetone
- Benzene
- Bromobenzene
- Bromochloromethane

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2023

QC Batch: 765256

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966007

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

- Bromodichloromethane
- Bromoform
- Bromomethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

Duplicate Sample:
All duplicate sample results were within method 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: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: April 06, 2023

General Information:
3 samples were analyzed for SM 2320B-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: 765279

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659633001

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

- MS (Lab ID: 3973698)
  - Alkalinity, Total as CaCO3
- MSD (Lab ID: 3973699)
  - Alkalinity, Total as CaCO3

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: April 06, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: April 06, 2023

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.

QC Batch: 764108

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92658966005

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

- MS (Lab ID: 3968102)
  - Sulfate

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: April 06, 2023

General Information:
3 samples were analyzed for EPA 350.1 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: April 06, 2023

General Information:
3 samples were analyzed for EPA 353.2 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: April 06, 2023

General Information:
3 samples were analyzed for EPA 9060A 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: April 06, 2023

General Information:
3 samples were analyzed for SM 4500-CO2 D-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.

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-3BRL-20230324-MS/MSD **Lab ID: 92658966001** Collected: 03/24/23 09:28 Received: 03/27/23 12:05 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	**22.0**	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 19:49	83-32-9	
Acenaphthylene	**85.5**	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 19:49	208-96-8	M1
Aniline	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 19:49	62-53-3	
Anthracene	**2.2J**	ug/L	8.3	1.9	1	03/31/23 11:16	03/31/23 19:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	03/31/23 19:49	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	03/31/23 19:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	03/31/23 19:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	03/31/23 19:49	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/31/23 11:16	03/31/23 19:49	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/31/23 11:16	03/31/23 19:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/31/23 11:16	03/31/23 19:49	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/31/23 11:16	03/31/23 19:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/31/23 11:16	03/31/23 19:49	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/31/23 11:16	03/31/23 19:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/31/23 11:16	03/31/23 19:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 19:49	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 19:49	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/31/23 11:16	03/31/23 19:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 19:49	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	03/31/23 19:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/31/23 11:16	03/31/23 19:49	53-70-3	
Dibenzofuran	**6.1J**	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 19:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/31/23 11:16	03/31/23 19:49	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 19:49	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 19:49	84-66-2	
2,4-Dimethylphenol	**21.6**	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 19:49	105-67-9	M1
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 19:49	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 19:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/31/23 11:16	03/31/23 19:49	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/31/23 11:16	03/31/23 19:49	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 19:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 19:49	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/31/23 11:16	03/31/23 19:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/31/23 11:16	03/31/23 19:49	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 19:49	206-44-0	
Fluorene	**21.0**	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 19:49	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 19:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/31/23 11:16	03/31/23 19:49	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 19:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	03/31/23 19:49	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 19:49	78-59-1	
1-Methylnaphthalene	**170**	ug/L	16.7	3.4	2	03/31/23 11:16	04/02/23 11:39	90-12-0	M1
2-Methylnaphthalene	**53.0**	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 19:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 19:49	95-48-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-3BRL-20230324-MS/MSD **Lab ID: 92658966001** Collected: 03/24/23 09:28 Received: 03/27/23 12:05 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								
3&4-Methylphenol(m&p Cresol)	**2.2J**	ug/L	8.3	1.0	1	03/31/23 11:16	03/31/23 19:49	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	03/31/23 11:16	03/31/23 19:49	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/31/23 11:16	03/31/23 19:49	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/31/23 11:16	03/31/23 19:49	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 19:49	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 19:49	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/31/23 11:16	03/31/23 19:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 19:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/31/23 11:16	03/31/23 19:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/31/23 11:16	03/31/23 19:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/31/23 11:16	03/31/23 19:49	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/31/23 11:16	03/31/23 19:49	87-86-5	
Phenanthrene	**17.3**	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 19:49	85-01-8	
Phenol	**1.9J**	ug/L	8.3	1.1	1	03/31/23 11:16	03/31/23 19:49	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 19:49	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 19:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/31/23 11:16	03/31/23 19:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-138		1	03/31/23 11:16	03/31/23 19:49	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/31/23 11:16	03/31/23 19:49	321-60-8	
Terphenyl-d14 (S)	92	%	19-191		1	03/31/23 11:16	03/31/23 19:49	1718-51-0	
Phenol-d6 (S)	64	%	10-130		1	03/31/23 11:16	03/31/23 19:49	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/31/23 11:16	03/31/23 19:49	367-12-4	
2,4,6-Tribromophenol (S)	113	%	10-164		1	03/31/23 11:16	03/31/23 19:49	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	**0.053J**	ug/L	0.10	0.043	1	03/29/23 15:00	03/31/23 17:15	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	64	%	69-194		1	03/29/23 15:00	03/31/23 17:15	4165-60-0	S2
2-Fluorobiphenyl (S)	77	%	61-194		1	03/29/23 15:00	03/31/23 17:15	321-60-8	
Terphenyl-d14 (S)	98	%	69-180		1	03/29/23 15:00	03/31/23 17:15	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	1000	204	40		03/30/23 15:57	67-64-1	M1
Benzene	**575**	ug/L	40.0	13.8	40		03/30/23 15:57	71-43-2	M1
Bromobenzene	ND	ug/L	40.0	11.6	40		03/30/23 15:57	108-86-1	M1
Bromochloromethane	ND	ug/L	40.0	18.7	40		03/30/23 15:57	74-97-5	M1
Bromodichloromethane	ND	ug/L	40.0	12.3	40		03/30/23 15:57	75-27-4	M1
Bromoform	ND	ug/L	40.0	13.6	40		03/30/23 15:57	75-25-2	M1
Bromomethane	ND	ug/L	80.0	66.4	40		03/30/23 15:57	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	200	158	40		03/30/23 15:57	78-93-3	M1
Carbon tetrachloride	ND	ug/L	40.0	13.3	40		03/30/23 15:57	56-23-5	M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-3BRL-20230324-MS/MSD **Lab ID: 92658966001** Collected: 03/24/23 09:28 Received: 03/27/23 12:05 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								
Chlorobenzene	ND	ug/L	40.0	11.4	40		03/30/23 15:57	108-90-7	M1
Chloroethane	ND	ug/L	40.0	26.0	40		03/30/23 15:57	75-00-3	M1
Chloroform	ND	ug/L	40.0	17.2	40		03/30/23 15:57	67-66-3	M1
Chloromethane	ND	ug/L	40.0	21.6	40		03/30/23 15:57	74-87-3	M1
2-Chlorotoluene	ND	ug/L	40.0	12.8	40		03/30/23 15:57	95-49-8	M1
4-Chlorotoluene	ND	ug/L	40.0	13.0	40		03/30/23 15:57	106-43-4	M1
1,2-Dibromo-3-chloropropane	ND	ug/L	80.0	13.6	40		03/30/23 15:57	96-12-8	M1
Dibromochloromethane	ND	ug/L	40.0	14.4	40		03/30/23 15:57	124-48-1	M1
Dibromomethane	ND	ug/L	40.0	15.8	40		03/30/23 15:57	74-95-3	M1
1,2-Dichlorobenzene	ND	ug/L	40.0	13.6	40		03/30/23 15:57	95-50-1	M1
1,3-Dichlorobenzene	ND	ug/L	40.0	13.6	40		03/30/23 15:57	541-73-1	M1
1,4-Dichlorobenzene	ND	ug/L	40.0	13.3	40		03/30/23 15:57	106-46-7	M1
Dichlorodifluoromethane	ND	ug/L	40.0	13.8	40		03/30/23 15:57	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	40.0	14.7	40		03/30/23 15:57	75-34-3	M1
1,2-Dichloroethane	ND	ug/L	40.0	12.9	40		03/30/23 15:57	107-06-2	M1
1,1-Dichloroethene	ND	ug/L	40.0	13.9	40		03/30/23 15:57	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	40.0	15.4	40		03/30/23 15:57	156-59-2	M1
trans-1,2-Dichloroethene	ND	ug/L	40.0	15.8	40		03/30/23 15:57	156-60-5	M1
1,2-Dichloropropane	ND	ug/L	40.0	14.2	40		03/30/23 15:57	78-87-5	M1
1,3-Dichloropropane	ND	ug/L	40.0	11.4	40		03/30/23 15:57	142-28-9	M1
2,2-Dichloropropane	ND	ug/L	40.0	15.5	40		03/30/23 15:57	594-20-7	M1
1,1-Dichloropropene	ND	ug/L	40.0	17.1	40		03/30/23 15:57	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	40.0	14.6	40		03/30/23 15:57	10061-01-5	M1
trans-1,3-Dichloropropene	ND	ug/L	40.0	14.5	40		03/30/23 15:57	10061-02-6	M1
Diisopropyl ether	ND	ug/L	40.0	12.3	40		03/30/23 15:57	108-20-3	M1
Ethylbenzene	**174**	ug/L	40.0	12.2	40		03/30/23 15:57	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/L	80.0	61.2	40		03/30/23 15:57	87-68-3	M1
2-Hexanone	ND	ug/L	200	19.0	40		03/30/23 15:57	591-78-6	M1
p-Isopropyltoluene	ND	ug/L	40.0	16.6	40		03/30/23 15:57	99-87-6	M1
Methylene Chloride	ND	ug/L	200	78.0	40		03/30/23 15:57	75-09-2	M1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	200	108	40		03/30/23 15:57	108-10-1	M1
Methyl-tert-butyl ether	ND	ug/L	40.0	16.9	40		03/30/23 15:57	1634-04-4	M1
Naphthalene	**4450**	ug/L	40.0	25.8	40		03/30/23 15:57	91-20-3	M1
Styrene	**49.2**	ug/L	40.0	11.7	40		03/30/23 15:57	100-42-5	M1
1,1,1,2-Tetrachloroethane	ND	ug/L	40.0	12.4	40		03/30/23 15:57	630-20-6	M1
1,1,2,2-Tetrachloroethane	ND	ug/L	40.0	9.0	40		03/30/23 15:57	79-34-5	M1
Tetrachloroethene	ND	ug/L	40.0	11.7	40		03/30/23 15:57	127-18-4	M1
Toluene	**171**	ug/L	40.0	19.4	40		03/30/23 15:57	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/L	40.0	32.2	40		03/30/23 15:57	87-61-6	M1
1,2,4-Trichlorobenzene	ND	ug/L	40.0	25.6	40		03/30/23 15:57	120-82-1	M1
1,1,1-Trichloroethane	ND	ug/L	40.0	13.3	40		03/30/23 15:57	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	40.0	13.0	40		03/30/23 15:57	79-00-5	M1
Trichloroethene	ND	ug/L	40.0	15.3	40		03/30/23 15:57	79-01-6	M1
Trichlorofluoromethane	ND	ug/L	40.0	11.9	40		03/30/23 15:57	75-69-4	M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-3BRL-20230324-MS/MSD **Lab ID: 92658966001** Collected: 03/24/23 09:28 Received: 03/27/23 12:05 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								
1,2,3-Trichloropropane	ND	ug/L	40.0	10.4	40		03/30/23 15:57	96-18-4	M1
Vinyl acetate	ND	ug/L	80.0	52.4	40		03/30/23 15:57	108-05-4	M1
Vinyl chloride	ND	ug/L	40.0	15.4	40		03/30/23 15:57	75-01-4	M1
Xylene (Total)	**210**	ug/L	40.0	13.5	40		03/30/23 15:57	1330-20-7	MS
m&p-Xylene	**135**	ug/L	80.0	28.4	40		03/30/23 15:57	179601-23-1	M1
o-Xylene	**75.2**	ug/L	40.0	13.5	40		03/30/23 15:57	95-47-6	M1
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		40		03/30/23 15:57	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		40		03/30/23 15:57	17060-07-0	
Toluene-d8 (S)	100	%	70-130		40		03/30/23 15:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-31S-20230324 **Lab ID: 92658966002** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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	**5.2J**	ug/L	8.7	1.7	1	03/31/23 11:16	03/31/23 21:06	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	03/31/23 11:16	03/31/23 21:06	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	03/31/23 11:16	03/31/23 21:06	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	03/31/23 11:16	03/31/23 21:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	03/31/23 11:16	03/31/23 21:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	03/31/23 11:16	03/31/23 21:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	03/31/23 11:16	03/31/23 21:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	03/31/23 11:16	03/31/23 21:06	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	03/31/23 11:16	03/31/23 21:06	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	03/31/23 11:16	03/31/23 21:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	03/31/23 11:16	03/31/23 21:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	03/31/23 11:16	03/31/23 21:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	03/31/23 11:16	03/31/23 21:06	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	03/31/23 11:16	03/31/23 21:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	03/31/23 11:16	03/31/23 21:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	03/31/23 11:16	03/31/23 21:06	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	03/31/23 11:16	03/31/23 21:06	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	03/31/23 11:16	03/31/23 21:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	03/31/23 11:16	03/31/23 21:06	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	03/31/23 11:16	03/31/23 21:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	03/31/23 11:16	03/31/23 21:06	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	03/31/23 11:16	03/31/23 21:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	03/31/23 11:16	03/31/23 21:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	03/31/23 11:16	03/31/23 21:06	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	03/31/23 11:16	03/31/23 21:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	03/31/23 11:16	03/31/23 21:06	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	03/31/23 11:16	03/31/23 21:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	03/31/23 11:16	03/31/23 21:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	03/31/23 11:16	03/31/23 21:06	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	03/31/23 11:16	03/31/23 21:06	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	03/31/23 11:16	03/31/23 21:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	03/31/23 11:16	03/31/23 21:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	03/31/23 11:16	03/31/23 21:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	03/31/23 11:16	03/31/23 21:06	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	03/31/23 11:16	03/31/23 21:06	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	03/31/23 11:16	03/31/23 21:06	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	03/31/23 11:16	03/31/23 21:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	03/31/23 11:16	03/31/23 21:06	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	03/31/23 11:16	03/31/23 21:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	03/31/23 11:16	03/31/23 21:06	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	03/31/23 11:16	03/31/23 21:06	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	03/31/23 11:16	03/31/23 21:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	03/31/23 11:16	03/31/23 21:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	03/31/23 11:16	03/31/23 21:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	03/31/23 11:16	03/31/23 21:06	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-31S-20230324 **Lab ID: 92658966002** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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	17.4	2.6	1	03/31/23 11:16	03/31/23 21:06	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	03/31/23 11:16	03/31/23 21:06	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	03/31/23 11:16	03/31/23 21:06	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	03/31/23 11:16	03/31/23 21:06	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	03/31/23 11:16	03/31/23 21:06	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	03/31/23 11:16	03/31/23 21:06	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	03/31/23 11:16	03/31/23 21:06	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	03/31/23 11:16	03/31/23 21:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	03/31/23 11:16	03/31/23 21:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	03/31/23 11:16	03/31/23 21:06	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	03/31/23 11:16	03/31/23 21:06	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	03/31/23 11:16	03/31/23 21:06	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	03/31/23 11:16	03/31/23 21:06	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	03/31/23 11:16	03/31/23 21:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	03/31/23 11:16	03/31/23 21:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	03/31/23 11:16	03/31/23 21:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-138		1	03/31/23 11:16	03/31/23 21:06	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/31/23 11:16	03/31/23 21:06	321-60-8	
Terphenyl-d14 (S)	106	%	19-191		1	03/31/23 11:16	03/31/23 21:06	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/31/23 11:16	03/31/23 21:06	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/31/23 11:16	03/31/23 21:06	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-164		1	03/31/23 11:16	03/31/23 21:06	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	0.044	1	03/29/23 15:00	03/30/23 11:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	69-194		1	03/29/23 15:00	03/30/23 11:08	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-194		1	03/29/23 15:00	03/30/23 11:08	321-60-8	
Terphenyl-d14 (S)	76	%	69-180		1	03/29/23 15:00	03/30/23 11:08	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		03/29/23 04:56	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 04:56	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 04:56	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 04:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 04:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 04:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 04:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 04:56	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 04:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 04:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 04:56	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 MGP J23030238
Pace Project No.: 92658966

Sample: MW-31S-20230324 **Lab ID: 92658966002** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 04:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 04:56	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 04:56	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 04:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 04:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 04:56	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 04:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 04:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 04:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 04:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 04:56	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 04:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 04:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 04:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 04:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 04:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 04:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 04:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 04:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 04:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 04:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 04:56	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 04:56	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 04:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 04:56	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 04:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 04:56	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 04:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 04:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 04:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 04:56	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 04:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 04:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 04:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 04:56	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 04:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 04:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 04:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 04:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 04:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 04:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 04:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 04:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 04:56	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-31S-20230324 **Lab ID: 92658966002** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 04:56	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 04:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 04:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 04:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/29/23 04:56	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/29/23 04:56	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/29/23 04:56	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: DUP-04-20230324 **Lab ID: 92658966003** Collected: 03/24/23 22:00 Received: 03/27/23 12:05 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	**5.5J**	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 21:31	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 21:31	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 21:31	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/31/23 11:16	03/31/23 21:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	03/31/23 21:31	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	03/31/23 21:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	03/31/23 21:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	03/31/23 21:31	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/31/23 11:16	03/31/23 21:31	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/31/23 11:16	03/31/23 21:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/31/23 11:16	03/31/23 21:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/31/23 11:16	03/31/23 21:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/31/23 11:16	03/31/23 21:31	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/31/23 11:16	03/31/23 21:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/31/23 11:16	03/31/23 21:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 21:31	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 21:31	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/31/23 11:16	03/31/23 21:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 21:31	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	03/31/23 21:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/31/23 11:16	03/31/23 21:31	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 21:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/31/23 11:16	03/31/23 21:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 21:31	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 21:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 21:31	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 21:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 21:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/31/23 11:16	03/31/23 21:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/31/23 11:16	03/31/23 21:31	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 21:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 21:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/31/23 11:16	03/31/23 21:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/31/23 11:16	03/31/23 21:31	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 21:31	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 21:31	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 21:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/31/23 11:16	03/31/23 21:31	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 21:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	03/31/23 21:31	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/31/23 11:16	03/31/23 21:31	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 21:31	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 21:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 21:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/31/23 11:16	03/31/23 21:31	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: DUP-04-20230324 **Lab ID: 92658966003** Collected: 03/24/23 22:00 Received: 03/27/23 12:05 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	16.7	2.5	1	03/31/23 11:16	03/31/23 21:31	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/31/23 11:16	03/31/23 21:31	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/31/23 11:16	03/31/23 21:31	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 21:31	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 21:31	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/31/23 11:16	03/31/23 21:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/31/23 11:16	03/31/23 21:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/31/23 11:16	03/31/23 21:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/31/23 11:16	03/31/23 21:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/31/23 11:16	03/31/23 21:31	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/31/23 11:16	03/31/23 21:31	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	03/31/23 21:31	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/31/23 11:16	03/31/23 21:31	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	03/31/23 21:31	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	03/31/23 21:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/31/23 11:16	03/31/23 21:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-138		1	03/31/23 11:16	03/31/23 21:31	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/31/23 11:16	03/31/23 21:31	321-60-8	
Terphenyl-d14 (S)	100	%	19-191		1	03/31/23 11:16	03/31/23 21:31	1718-51-0	
Phenol-d6 (S)	63	%	10-130		1	03/31/23 11:16	03/31/23 21:31	13127-88-3	
2-Fluorophenol (S)	75	%	10-130		1	03/31/23 11:16	03/31/23 21:31	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-164		1	03/31/23 11:16	03/31/23 21:31	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	0.097	0.042	1	03/31/23 09:00	03/31/23 12:07	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	81	%	69-194		1	03/31/23 09:00	03/31/23 12:07	4165-60-0	
2-Fluorobiphenyl (S)	97	%	61-194		1	03/31/23 09:00	03/31/23 12:07	321-60-8	
Terphenyl-d14 (S)	62	%	69-180		1	03/31/23 09:00	03/31/23 12:07	1718-51-0	S2
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		03/31/23 22:17	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 22:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 22:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 22:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 22:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 22:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 22:17	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 22:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 22:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 22:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 22:17	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 MGP J23030238
Pace Project No.: 92658966

Sample: DUP-04-20230324 **Lab ID: 92658966003** Collected: 03/24/23 22:00 Received: 03/27/23 12:05 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	1.0	0.43	1		03/31/23 22:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 22:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 22:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 22:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 22:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 22:17	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 22:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 22:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 22:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 22:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 22:17	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 22:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 22:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 22:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 22:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 22:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 22:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 22:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 22:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 22:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 22:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 22:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 22:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 22:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 22:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 22:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 22:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 22:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 22:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 22:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 22:17	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 22:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 22:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 22:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 22:17	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 22:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 22:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 22:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 22:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 22:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 22:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 22:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 22:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 22:17	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: DUP-04-20230324 **Lab ID: 92658966003** Collected: 03/24/23 22:00 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 22:17	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 22:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 22:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 22:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/31/23 22:17	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/31/23 22:17	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/31/23 22:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-31TZ-20230324 **Lab ID: 92658966004** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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	03/31/23 11:16	03/31/23 21:56	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 21:56	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 21:56	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	03/31/23 21:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	03/31/23 21:56	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	03/31/23 21:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	03/31/23 21:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	03/31/23 21:56	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	03/31/23 21:56	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	03/31/23 21:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	03/31/23 21:56	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	03/31/23 21:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	03/31/23 21:56	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	03/31/23 21:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	03/31/23 21:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 21:56	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 21:56	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 21:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 21:56	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	03/31/23 21:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	03/31/23 21:56	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 21:56	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	03/31/23 21:56	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 21:56	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 21:56	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 21:56	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 21:56	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 21:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	03/31/23 21:56	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	03/31/23 21:56	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 21:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 21:56	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	03/31/23 21:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	03/31/23 21:56	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 21:56	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 21:56	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 21:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 21:56	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 21:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	03/31/23 21:56	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 21:56	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 21:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 21:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 21:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 21:56	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-31TZ-20230324 **Lab ID: 92658966004** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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	03/31/23 11:16	03/31/23 21:56	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	03/31/23 21:56	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	03/31/23 21:56	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 21:56	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 21:56	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	03/31/23 21:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 21:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	03/31/23 21:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	03/31/23 21:56	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 21:56	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	03/31/23 21:56	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 21:56	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 21:56	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 21:56	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 21:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 21:56	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	95	%	10-138		1	03/31/23 11:16	03/31/23 21:56	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/31/23 11:16	03/31/23 21:56	321-60-8	
Terphenyl-d14 (S)	103	%	19-191		1	03/31/23 11:16	03/31/23 21:56	1718-51-0	
Phenol-d6 (S)	71	%	10-130		1	03/31/23 11:16	03/31/23 21:56	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	03/31/23 11:16	03/31/23 21:56	367-12-4	
2,4,6-Tribromophenol (S)	111	%	10-164		1	03/31/23 11:16	03/31/23 21:56	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	03/29/23 15:00	03/30/23 11:51	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	69-194		1	03/29/23 15:00	03/30/23 11:51	4165-60-0	
2-Fluorobiphenyl (S)	112	%	61-194		1	03/29/23 15:00	03/30/23 11:51	321-60-8	
Terphenyl-d14 (S)	95	%	69-180		1	03/29/23 15:00	03/30/23 11:51	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		03/29/23 05:14	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 05:14	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 05:14	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 05:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 05:14	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 05:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 05:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 05:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 05:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 05:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 05:14	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 MGP J23030238
Pace Project No.: 92658966

Sample: MW-31TZ-20230324 **Lab ID: 92658966004** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 05:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 05:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 05:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 05:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 05:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 05:14	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 05:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 05:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 05:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 05:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 05:14	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 05:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 05:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 05:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 05:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 05:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 05:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 05:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 05:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 05:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 05:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 05:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 05:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 05:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 05:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 05:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 05:14	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 05:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 05:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 05:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 05:14	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 05:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 05:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 05:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 05:14	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 05:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 05:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 05:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 05:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 05:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 05:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 05:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 05:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 05:14	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-31TZ-20230324 **Lab ID: 92658966004** Collected: 03/24/23 09:50 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 05:14	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 05:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 05:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 05:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/29/23 05:14	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/29/23 05:14	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/29/23 05:14	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-45BR-20230324 **Lab ID: 92658966005** Collected: 03/24/23 09:34 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/28/23 16:32	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/28/23 16:32	74-85-1	
Methane	**594**	ug/L	10.0	5.3	1		03/28/23 16:32	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/28/23 11:44	03/30/23 18:37	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/28/23 11:44	03/30/23 18:37	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	03/29/23 13:25	03/30/23 19:12	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/29/23 13:25	03/30/23 19:12	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**5.0J**	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:22	83-32-9	
Acenaphthylene	**2.6J**	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:22	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:22	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	03/31/23 22:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	03/31/23 22:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	03/31/23 22:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	03/31/23 22:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	03/31/23 22:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	03/31/23 22:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	03/31/23 22:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	03/31/23 22:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	03/31/23 22:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	03/31/23 22:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	03/31/23 22:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	03/31/23 22:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 22:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:22	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	03/31/23 22:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	03/31/23 22:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 22:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	03/31/23 22:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:22	84-66-2	
2,4-Dimethylphenol	**34.9**	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 22:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	03/31/23 22:22	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-45BR-20230324 **Lab ID: 92658966005** Collected: 03/24/23 09:34 Received: 03/27/23 12:05 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	03/31/23 22:22	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	03/31/23 22:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	03/31/23 22:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:22	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 22:22	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	03/31/23 22:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:22	78-59-1	
1-Methylnaphthalene	**15.1**	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:22	90-12-0	
2-Methylnaphthalene	**20.2**	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	**1.5J**	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 22:22	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/31/23 11:16	03/31/23 22:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	03/31/23 22:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	03/31/23 22:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	03/31/23 22:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	03/31/23 22:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	03/31/23 22:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 22:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	03/31/23 22:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:22	85-01-8	
Phenol	**5.1J**	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-138		1	03/31/23 11:16	03/31/23 22:22	4165-60-0	
2-Fluorobiphenyl (S)	54	%	10-130		1	03/31/23 11:16	03/31/23 22:22	321-60-8	
Terphenyl-d14 (S)	85	%	19-191		1	03/31/23 11:16	03/31/23 22:22	1718-51-0	
Phenol-d6 (S)	44	%	10-130		1	03/31/23 11:16	03/31/23 22:22	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/31/23 11:16	03/31/23 22:22	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-164		1	03/31/23 11:16	03/31/23 22:22	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	0.099	0.042	1	03/29/23 15:00	03/31/23 15:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	87	%	69-194		1	03/29/23 15:00	03/31/23 15:04	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-45BR-20230324 **Lab ID: 92658966005** Collected: 03/24/23 09:34 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	108	%	61-194		1	03/29/23 15:00	03/31/23 15:04	321-60-8	
Terphenyl-d14 (S)	94	%	69-180		1	03/29/23 15:00	03/31/23 15:04	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**124**	ug/L	50.0	10.2	2		03/29/23 19:46	67-64-1	
Benzene	**87.0**	ug/L	2.0	0.69	2		03/29/23 19:46	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		03/29/23 19:46	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		03/29/23 19:46	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		03/29/23 19:46	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		03/29/23 19:46	75-25-2	
Bromomethane	ND	ug/L	4.0	3.3	2		03/29/23 19:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		03/29/23 19:46	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		03/29/23 19:46	56-23-5	
Chlorobenzene	ND	ug/L	2.0	0.57	2		03/29/23 19:46	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		03/29/23 19:46	75-00-3	
Chloroform	ND	ug/L	2.0	0.86	2		03/29/23 19:46	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		03/29/23 19:46	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	0.64	2		03/29/23 19:46	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	0.65	2		03/29/23 19:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2		03/29/23 19:46	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	0.72	2		03/29/23 19:46	124-48-1	
Dibromomethane	ND	ug/L	2.0	0.79	2		03/29/23 19:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/29/23 19:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/29/23 19:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2		03/29/23 19:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2		03/29/23 19:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2		03/29/23 19:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2		03/29/23 19:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2		03/29/23 19:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2		03/29/23 19:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2		03/29/23 19:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2		03/29/23 19:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2		03/29/23 19:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2		03/29/23 19:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2		03/29/23 19:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/29/23 19:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/29/23 19:46	10061-02-6	
Diisopropyl ether	ND	ug/L	2.0	0.62	2		03/29/23 19:46	108-20-3	
Ethylbenzene	**19.4**	ug/L	2.0	0.61	2		03/29/23 19:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		03/29/23 19:46	87-68-3	
2-Hexanone	ND	ug/L	10.0	0.95	2		03/29/23 19:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2		03/29/23 19:46	99-87-6	
Methylene Chloride	ND	ug/L	10.0	3.9	2		03/29/23 19:46	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-45BR-20230324 **Lab ID: 92658966005** Collected: 03/24/23 09:34 Received: 03/27/23 12:05 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2		03/29/23 19:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2		03/29/23 19:46	1634-04-4	
Naphthalene	**347**	ug/L	2.0	1.3	2		03/29/23 19:46	91-20-3	
Styrene	**6.1**	ug/L	2.0	0.58	2		03/29/23 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2		03/29/23 19:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2		03/29/23 19:46	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	0.58	2		03/29/23 19:46	127-18-4	
Toluene	**27.5**	ug/L	2.0	0.97	2		03/29/23 19:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2		03/29/23 19:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2		03/29/23 19:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2		03/29/23 19:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2		03/29/23 19:46	79-00-5	
Trichloroethene	ND	ug/L	2.0	0.77	2		03/29/23 19:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		03/29/23 19:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2		03/29/23 19:46	96-18-4	
Vinyl acetate	ND	ug/L	4.0	2.6	2		03/29/23 19:46	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.77	2		03/29/23 19:46	75-01-4	
Xylene (Total)	**26.8**	ug/L	2.0	0.68	2		03/29/23 19:46	1330-20-7	
m&p-Xylene	**16.6**	ug/L	4.0	1.4	2		03/29/23 19:46	179601-23-1	
o-Xylene	**10.2**	ug/L	2.0	0.68	2		03/29/23 19:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		2		03/29/23 19:46	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		2		03/29/23 19:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130		2		03/29/23 19:46	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**176**	mg/L	5.0	5.0	1		03/31/23 21:02		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.89**	mg/L	0.10	0.022	1		03/31/23 02:37	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		03/28/23 00:12	14808-79-8	M1
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.25**	mg/L	0.10	0.031	1		03/29/23 12:55	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.023J**	mg/L	0.040	0.017	1		03/29/23 14:22		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-45BR-20230324 **Lab ID: 92658966005** Collected: 03/24/23 09:34 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**22.0**	mg/L	1.0	0.50	1		03/29/23 04:00	7440-44-0	
Total Organic Carbon	**21.8**	mg/L	1.0	0.50	1		03/29/23 04:00	7440-44-0	
Total Organic Carbon	**22.2**	mg/L	1.0	0.50	1		03/29/23 04:00	7440-44-0	
Total Organic Carbon	**22.4**	mg/L	1.0	0.50	1		03/29/23 04:00	7440-44-0	
Mean Total Organic Carbon	**22.1**	mg/L	1.0	0.50	1		03/29/23 04:00	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**73.9**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-46BR-20230324 **Lab ID: 92658966006** Collected: 03/24/23 11:14 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/28/23 16:48	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/28/23 16:48	74-85-1	
Methane	**673**	ug/L	10.0	5.3	1		03/28/23 16:48	74-82-8	M1
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/28/23 11:44	03/30/23 18:51	7439-89-6	
Manganese	**5.0**	ug/L	5.0	3.4	1	03/28/23 11:44	03/30/23 18:51	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	03/29/23 13:25	03/30/23 19:26	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/29/23 13:25	03/30/23 19:26	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	03/31/23 11:16	03/31/23 22:47	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:47	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:47	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	03/31/23 22:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	03/31/23 22:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	03/31/23 22:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	03/31/23 22:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	03/31/23 22:47	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	03/31/23 22:47	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	03/31/23 22:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	03/31/23 22:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	03/31/23 22:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	03/31/23 22:47	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	03/31/23 22:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	03/31/23 22:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:47	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:47	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 22:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:47	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	03/31/23 22:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	03/31/23 22:47	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 22:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	03/31/23 22:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:47	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:47	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:47	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 22:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	03/31/23 22:47	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-46BR-20230324 **Lab ID: 92658966006** Collected: 03/24/23 11:14 Received: 03/27/23 12:05 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	03/31/23 22:47	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	03/31/23 22:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	03/31/23 22:47	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:47	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	03/31/23 22:47	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:47	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	03/31/23 22:47	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	03/31/23 22:47	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 22:47	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/31/23 11:16	03/31/23 22:47	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	03/31/23 22:47	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	03/31/23 22:47	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:47	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:47	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	03/31/23 22:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	03/31/23 22:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	03/31/23 22:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	03/31/23 22:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	03/31/23 22:47	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	03/31/23 22:47	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	03/31/23 22:47	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:47	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	03/31/23 22:47	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	03/31/23 22:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	03/31/23 22:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	10-138		1	03/31/23 11:16	03/31/23 22:47	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	03/31/23 11:16	03/31/23 22:47	321-60-8	
Terphenyl-d14 (S)	85	%	19-191		1	03/31/23 11:16	03/31/23 22:47	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/31/23 11:16	03/31/23 22:47	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/31/23 11:16	03/31/23 22:47	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-164		1	03/31/23 11:16	03/31/23 22:47	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	03/29/23 15:00	03/30/23 12:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	03/29/23 15:00	03/30/23 12:13	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-46BR-20230324 **Lab ID: 92658966006** Collected: 03/24/23 11:14 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	103	%	61-194		1	03/29/23 15:00	03/30/23 12:13	321-60-8	
Terphenyl-d14 (S)	104	%	69-180		1	03/29/23 15:00	03/30/23 12:13	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		03/29/23 05:33	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 05:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 05:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 05:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 05:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 05:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 05:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 05:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 05:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 05:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 05:33	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/29/23 05:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 05:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 05:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 05:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 05:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 05:33	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 05:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 05:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 05:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 05:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 05:33	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 05:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 05:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 05:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 05:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 05:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 05:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 05:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 05:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 05:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 05:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 05:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 05:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 05:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 05:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 05:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 05:33	99-87-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-46BR-20230324 **Lab ID: 92658966006** Collected: 03/24/23 11:14 Received: 03/27/23 12:05 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								
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 05:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 05:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 05:33	1634-04-4	
Naphthalene	**1.8**	ug/L	1.0	0.64	1		03/29/23 05:33	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 05:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 05:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 05:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 05:33	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 05:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 05:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 05:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 05:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 05:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 05:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 05:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 05:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 05:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 05:33	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 05:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 05:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 05:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/29/23 05:33	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/29/23 05:33	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/29/23 05:33	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**147**	mg/L	5.0	5.0	1		03/28/23 21:24		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.11**	mg/L	0.10	0.022	1		03/31/23 02:38	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**1.5**	mg/L	1.0	0.50	1		03/27/23 23:15	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/29/23 12:56	7664-41-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-46BR-20230324 **Lab ID: 92658966006** Collected: 03/24/23 11:14 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.021J**	mg/L	0.040	0.017	1		03/29/23 14:28		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**2.2**	mg/L	1.0	0.50	1		03/29/23 04:58	7440-44-0	
Total Organic Carbon	**1.4**	mg/L	1.0	0.50	1		03/29/23 04:58	7440-44-0	
Total Organic Carbon	**1.4**	mg/L	1.0	0.50	1		03/29/23 04:58	7440-44-0	
Total Organic Carbon	**1.2**	mg/L	1.0	0.50	1		03/29/23 04:58	7440-44-0	
Mean Total Organic Carbon	**1.5**	mg/L	1.0	0.50	1		03/29/23 04:58	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**129**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-47BR-20230324 **Lab ID: 92658966007** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/28/23 17:04	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/28/23 17:04	74-85-1	
Methane	**837**	ug/L	10.0	5.3	1		03/28/23 17:04	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/28/23 11:44	03/30/23 18:55	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/28/23 11:44	03/30/23 18:55	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	03/29/23 13:25	03/30/23 19:30	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/29/23 13:25	03/30/23 19:30	7439-96-5	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**4.8J**	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:13	83-32-9	
Acenaphthylene	**62.0**	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:13	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:13	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/31/23 11:16	03/31/23 23:13	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/31/23 11:16	03/31/23 23:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/31/23 11:16	03/31/23 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/31/23 11:16	03/31/23 23:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/31/23 11:16	03/31/23 23:13	207-08-9	
Benzoic Acid	**24.0J**	ug/L	45.5	20.0	1	03/31/23 11:16	03/31/23 23:13	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/31/23 11:16	03/31/23 23:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/31/23 11:16	03/31/23 23:13	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/31/23 11:16	03/31/23 23:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/31/23 11:16	03/31/23 23:13	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/31/23 11:16	03/31/23 23:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:13	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/31/23 11:16	03/31/23 23:13	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/31/23 11:16	03/31/23 23:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:13	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/31/23 11:16	03/31/23 23:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/31/23 11:16	03/31/23 23:13	53-70-3	
Dibenzofuran	**3.2J**	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/31/23 11:16	03/31/23 23:13	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:13	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:13	84-66-2	
2,4-Dimethylphenol	**23.2**	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:13	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:13	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/31/23 11:16	03/31/23 23:13	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-47BR-20230324 **Lab ID: 92658966007** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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								
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/31/23 11:16	03/31/23 23:13	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/31/23 11:16	03/31/23 23:13	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/31/23 11:16	03/31/23 23:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/31/23 11:16	03/31/23 23:13	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:13	206-44-0	
Fluorene	**10.1**	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:13	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/31/23 11:16	03/31/23 23:13	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/31/23 11:16	03/31/23 23:13	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:13	78-59-1	
1-Methylnaphthalene	**98.5**	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:13	90-12-0	
2-Methylnaphthalene	**154**	ug/L	18.2	3.4	2	03/31/23 11:16	04/02/23 12:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	**4.7J**	ug/L	9.1	1.1	1	03/31/23 11:16	03/31/23 23:13	15831-10-4	
2-Nitroaniline	ND	ug/L	18.2	2.7	1	03/31/23 11:16	03/31/23 23:13	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/31/23 11:16	03/31/23 23:13	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/31/23 11:16	03/31/23 23:13	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:13	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:13	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/31/23 11:16	03/31/23 23:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/31/23 11:16	03/31/23 23:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/31/23 11:16	03/31/23 23:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/31/23 11:16	03/31/23 23:13	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/31/23 11:16	03/31/23 23:13	87-86-5	
Phenanthrene	**8.0J**	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:13	85-01-8	
Phenol	**2.5J**	ug/L	9.1	1.2	1	03/31/23 11:16	03/31/23 23:13	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:13	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/31/23 11:16	03/31/23 23:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-138		1	03/31/23 11:16	03/31/23 23:13	4165-60-0	
2-Fluorobiphenyl (S)	53	%	10-130		1	03/31/23 11:16	03/31/23 23:13	321-60-8	
Terphenyl-d14 (S)	85	%	19-191		1	03/31/23 11:16	03/31/23 23:13	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	03/31/23 11:16	03/31/23 23:13	13127-88-3	
2-Fluorophenol (S)	46	%	10-130		1	03/31/23 11:16	03/31/23 23:13	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-164		1	03/31/23 11:16	03/31/23 23:13	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	03/29/23 15:00	03/30/23 19:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	94	%	69-194		1	03/29/23 15:00	03/30/23 19:30	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-47BR-20230324 **Lab ID: 92658966007** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	92	%	61-194		1	03/29/23 15:00	03/30/23 19:30	321-60-8	
Terphenyl-d14 (S)	100	%	69-180		1	03/29/23 15:00	03/30/23 19:30	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**210J**	ug/L	312	63.9	12.5		03/31/23 18:40	67-64-1	M1
Benzene	**134**	ug/L	12.5	4.3	12.5		03/31/23 18:40	71-43-2	M1
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 18:40	108-86-1	M1
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/31/23 18:40	74-97-5	M1
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/31/23 18:40	75-27-4	M1
Bromoform	ND	ug/L	12.5	4.3	12.5		03/31/23 18:40	75-25-2	M1
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/31/23 18:40	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/31/23 18:40	78-93-3	M1
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/31/23 18:40	56-23-5	M1
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 18:40	108-90-7	M1
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/31/23 18:40	75-00-3	M1
Chloroform	ND	ug/L	12.5	5.4	12.5		03/31/23 18:40	67-66-3	M1
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/31/23 18:40	74-87-3	M1
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 18:40	95-49-8	M1
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 18:40	106-43-4	M1
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/31/23 18:40	96-12-8	M1
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/31/23 18:40	124-48-1	M1
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/31/23 18:40	74-95-3	M1
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 18:40	95-50-1	M1
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 18:40	541-73-1	M1
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 18:40	106-46-7	M1
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/31/23 18:40	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/31/23 18:40	75-34-3	M1
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/31/23 18:40	107-06-2	M1
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/31/23 18:40	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 18:40	156-59-2	M1
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/31/23 18:40	156-60-5	M1
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/31/23 18:40	78-87-5	M1
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/31/23 18:40	142-28-9	M1
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/31/23 18:40	594-20-7	M1,v1
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/31/23 18:40	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/31/23 18:40	10061-01-5	M1
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/31/23 18:40	10061-02-6	M1
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/31/23 18:40	108-20-3	M1
Ethylbenzene	**142**	ug/L	12.5	3.8	12.5		03/31/23 18:40	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/31/23 18:40	87-68-3	M1,v1
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/31/23 18:40	591-78-6	M1,v1
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/31/23 18:40	99-87-6	M1
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		03/31/23 18:40	75-09-2	M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-47BR-20230324 **Lab ID: 92658966007** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/31/23 18:40	108-10-1	M1
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/31/23 18:40	1634-04-4	M1
Naphthalene	**1860**	ug/L	12.5	8.1	12.5		03/31/23 18:40	91-20-3	IH,M1
Styrene	**47.7**	ug/L	12.5	3.6	12.5		03/31/23 18:40	100-42-5	M1
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/31/23 18:40	630-20-6	M1
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/31/23 18:40	79-34-5	M1
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/31/23 18:40	127-18-4	M1
Toluene	**737**	ug/L	12.5	6.1	12.5		03/31/23 18:40	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/31/23 18:40	87-61-6	M1
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/31/23 18:40	120-82-1	M1
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/31/23 18:40	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/31/23 18:40	79-00-5	M1
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 18:40	79-01-6	M1
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/31/23 18:40	75-69-4	M1
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/31/23 18:40	96-18-4	M1
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/31/23 18:40	108-05-4	M1
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/31/23 18:40	75-01-4	M1
Xylene (Total)	**702**	ug/L	12.5	4.2	12.5		03/31/23 18:40	1330-20-7	MS
m&p-Xylene	**450**	ug/L	25.0	8.9	12.5		03/31/23 18:40	179601-23-1	M1
o-Xylene	**251**	ug/L	12.5	4.2	12.5		03/31/23 18:40	95-47-6	M1
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		12.5		03/31/23 18:40	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		12.5		03/31/23 18:40	17060-07-0	
Toluene-d8 (S)	100	%	70-130		12.5		03/31/23 18:40	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**847**	mg/L	5.0	5.0	1		03/31/23 21:11		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/31/23 02:38	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		03/27/23 23:29	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.96**	mg/L	0.10	0.031	1		03/29/23 13:00	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.032J**	mg/L	0.040	0.017	1		03/29/23 14:29		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-47BR-20230324 **Lab ID: 92658966007** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**15.0**	mg/L	1.0	0.50	1		03/29/23 05:17	7440-44-0	
Total Organic Carbon	**15.0**	mg/L	1.0	0.50	1		03/29/23 05:17	7440-44-0	
Total Organic Carbon	**15.2**	mg/L	1.0	0.50	1		03/29/23 05:17	7440-44-0	
Total Organic Carbon	**15.4**	mg/L	1.0	0.50	1		03/29/23 05:17	7440-44-0	
Mean Total Organic Carbon	**15.1**	mg/L	1.0	0.50	1		03/29/23 05:17	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**179**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32TZ-20230324 **Lab ID: 92658966008** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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	9.1	1.8	1	03/31/23 11:16	03/31/23 23:38	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:38	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:38	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	03/31/23 11:16	03/31/23 23:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	03/31/23 11:16	03/31/23 23:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	03/31/23 11:16	03/31/23 23:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	03/31/23 11:16	03/31/23 23:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	03/31/23 11:16	03/31/23 23:38	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	03/31/23 11:16	03/31/23 23:38	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	03/31/23 11:16	03/31/23 23:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	03/31/23 11:16	03/31/23 23:38	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	03/31/23 11:16	03/31/23 23:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	03/31/23 11:16	03/31/23 23:38	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	03/31/23 11:16	03/31/23 23:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:38	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	03/31/23 11:16	03/31/23 23:38	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	03/31/23 11:16	03/31/23 23:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:38	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	03/31/23 11:16	03/31/23 23:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	03/31/23 11:16	03/31/23 23:38	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	03/31/23 11:16	03/31/23 23:38	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:38	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:38	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:38	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:38	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	03/31/23 11:16	03/31/23 23:38	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	03/31/23 11:16	03/31/23 23:38	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	03/31/23 11:16	03/31/23 23:38	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	03/31/23 11:16	03/31/23 23:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	03/31/23 11:16	03/31/23 23:38	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:38	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	03/31/23 11:16	03/31/23 23:38	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	03/31/23 11:16	03/31/23 23:38	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	03/31/23 11:16	03/31/23 23:38	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	03/31/23 11:16	03/31/23 23:38	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	03/31/23 11:16	03/31/23 23:38	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32TZ-20230324 **Lab ID: 92658966008** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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	18.2	2.7	1	03/31/23 11:16	03/31/23 23:38	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	03/31/23 11:16	03/31/23 23:38	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	03/31/23 11:16	03/31/23 23:38	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:38	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:38	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	03/31/23 11:16	03/31/23 23:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	03/31/23 11:16	03/31/23 23:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	03/31/23 11:16	03/31/23 23:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	03/31/23 11:16	03/31/23 23:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	03/31/23 11:16	03/31/23 23:38	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	03/31/23 11:16	03/31/23 23:38	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	03/31/23 11:16	03/31/23 23:38	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	03/31/23 11:16	03/31/23 23:38	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	03/31/23 11:16	03/31/23 23:38	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	03/31/23 11:16	03/31/23 23:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	03/31/23 11:16	03/31/23 23:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-138		1	03/31/23 11:16	03/31/23 23:38	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/31/23 11:16	03/31/23 23:38	321-60-8	
Terphenyl-d14 (S)	101	%	19-191		1	03/31/23 11:16	03/31/23 23:38	1718-51-0	
Phenol-d6 (S)	61	%	10-130		1	03/31/23 11:16	03/31/23 23:38	13127-88-3	
2-Fluorophenol (S)	72	%	10-130		1	03/31/23 11:16	03/31/23 23:38	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-164		1	03/31/23 11:16	03/31/23 23:38	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	03/29/23 15:00	03/30/23 12:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	03/29/23 15:00	03/30/23 12:35	4165-60-0	
2-Fluorobiphenyl (S)	107	%	61-194		1	03/29/23 15:00	03/30/23 12:35	321-60-8	
Terphenyl-d14 (S)	98	%	69-180		1	03/29/23 15:00	03/30/23 12:35	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		03/29/23 05:51	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 05:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 05:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 05:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 05:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 05:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 05:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 05:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 05:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 05:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 05:51	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32TZ-20230324 **Lab ID: 92658966008** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 05:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 05:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 05:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 05:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 05:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 05:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 05:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 05:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 05:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 05:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 05:51	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 05:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 05:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 05:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 05:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 05:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 05:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 05:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 05:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 05:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 05:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 05:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 05:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 05:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 05:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 05:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 05:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 05:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 05:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 05:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 05:51	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 05:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 05:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 05:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 05:51	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 05:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 05:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 05:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 05:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 05:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 05:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 05:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 05:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 05:51	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32TZ-20230324 **Lab ID: 92658966008** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 05:51	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 05:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 05:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 05:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/29/23 05:51	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/29/23 05:51	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/29/23 05:51	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32S-20230324 **Lab ID: 92658966009** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 00:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:03	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:03	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	04/01/23 00:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 00:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	04/01/23 00:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 00:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 00:03	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	04/01/23 00:03	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	04/01/23 00:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 00:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	04/01/23 00:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	04/01/23 00:03	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	04/01/23 00:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 00:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:03	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:03	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 00:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:03	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 00:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 00:03	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 00:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	04/01/23 00:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:03	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:03	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 00:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	04/01/23 00:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	04/01/23 00:03	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	04/01/23 00:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	04/01/23 00:03	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:03	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 00:03	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:03	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	04/01/23 00:03	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:03	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 00:03	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32S-20230324 **Lab ID: 92658966009** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 00:03	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 00:03	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	04/01/23 00:03	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:03	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:03	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	04/01/23 00:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	04/01/23 00:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 00:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 00:03	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 00:03	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:03	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:03	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:03	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	95	%	10-138		1	03/31/23 11:16	04/01/23 00:03	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/31/23 11:16	04/01/23 00:03	321-60-8	
Terphenyl-d14 (S)	89	%	19-191		1	03/31/23 11:16	04/01/23 00:03	1718-51-0	
Phenol-d6 (S)	81	%	10-130		1	03/31/23 11:16	04/01/23 00:03	13127-88-3	
2-Fluorophenol (S)	86	%	10-130		1	03/31/23 11:16	04/01/23 00:03	367-12-4	
2,4,6-Tribromophenol (S)	96	%	10-164		1	03/31/23 11:16	04/01/23 00:03	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	0.098	0.042	1	03/29/23 15:00	03/30/23 12:57	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	94	%	69-194		1	03/29/23 15:00	03/30/23 12:57	4165-60-0	
2-Fluorobiphenyl (S)	110	%	61-194		1	03/29/23 15:00	03/30/23 12:57	321-60-8	
Terphenyl-d14 (S)	101	%	69-180		1	03/29/23 15:00	03/30/23 12:57	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		03/29/23 06:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 06:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 06:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 06:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 06:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 06:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 06:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 06:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 06:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 06:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 06:09	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 MGP J23030238
Pace Project No.: 92658966

Sample: MW-32S-20230324 **Lab ID: 92658966009** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 06:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 06:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 06:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 06:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 06:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 06:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 06:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 06:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 06:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 06:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 06:09	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 06:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 06:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 06:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 06:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 06:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 06:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 06:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 06:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 06:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 06:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 06:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 06:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 06:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 06:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 06:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 06:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 06:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 06:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 06:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 06:09	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 06:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 06:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 06:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 06:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 06:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 06:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 06:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 06:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 06:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 06:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 06:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 06:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 06:09	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-32S-20230324 **Lab ID: 92658966009** Collected: 03/24/23 11:05 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 06:09	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 06:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 06:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 06:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/29/23 06:09	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/29/23 06:09	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/29/23 06:09	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50S-20230324 **Lab ID: 92658966010** Collected: 03/24/23 14:15 Received: 03/27/23 12:05 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	8.3	1.7	1	03/31/23 11:16	04/01/23 00:28	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 00:28	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 00:28	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/31/23 11:16	04/01/23 00:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	04/01/23 00:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	04/01/23 00:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	04/01/23 00:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	04/01/23 00:28	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/31/23 11:16	04/01/23 00:28	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/31/23 11:16	04/01/23 00:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/31/23 11:16	04/01/23 00:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/31/23 11:16	04/01/23 00:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/31/23 11:16	04/01/23 00:28	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/31/23 11:16	04/01/23 00:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/31/23 11:16	04/01/23 00:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 00:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 00:28	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/31/23 11:16	04/01/23 00:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 00:28	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	04/01/23 00:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/31/23 11:16	04/01/23 00:28	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 00:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/31/23 11:16	04/01/23 00:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 00:28	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 00:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 00:28	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 00:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 00:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/31/23 11:16	04/01/23 00:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/31/23 11:16	04/01/23 00:28	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 00:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 00:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/31/23 11:16	04/01/23 00:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/31/23 11:16	04/01/23 00:28	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 00:28	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 00:28	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 00:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/31/23 11:16	04/01/23 00:28	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 00:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	04/01/23 00:28	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 00:28	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 00:28	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 00:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 00:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/31/23 11:16	04/01/23 00:28	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50S-20230324 **Lab ID: 92658966010** Collected: 03/24/23 14:15 Received: 03/27/23 12:05 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	16.7	2.5	1	03/31/23 11:16	04/01/23 00:28	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/31/23 11:16	04/01/23 00:28	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/31/23 11:16	04/01/23 00:28	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 00:28	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 00:28	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/31/23 11:16	04/01/23 00:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 00:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/31/23 11:16	04/01/23 00:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/31/23 11:16	04/01/23 00:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/31/23 11:16	04/01/23 00:28	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/31/23 11:16	04/01/23 00:28	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 00:28	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/31/23 11:16	04/01/23 00:28	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 00:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 00:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/31/23 11:16	04/01/23 00:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-138		1	03/31/23 11:16	04/01/23 00:28	4165-60-0	
2-Fluorobiphenyl (S)	91	%	10-130		1	03/31/23 11:16	04/01/23 00:28	321-60-8	
Terphenyl-d14 (S)	98	%	19-191		1	03/31/23 11:16	04/01/23 00:28	1718-51-0	
Phenol-d6 (S)	60	%	10-130		1	03/31/23 11:16	04/01/23 00:28	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/31/23 11:16	04/01/23 00:28	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-164		1	03/31/23 11:16	04/01/23 00:28	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	03/29/23 15:00	03/30/23 13:18	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/29/23 15:00	03/30/23 13:18	4165-60-0	
2-Fluorobiphenyl (S)	101	%	61-194		1	03/29/23 15:00	03/30/23 13:18	321-60-8	
Terphenyl-d14 (S)	91	%	69-180		1	03/29/23 15:00	03/30/23 13:18	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		03/29/23 06:27	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 06:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 06:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 06:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 06:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 06:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 06:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 06:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 06:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 06:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 06:27	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 MGP J23030238
Pace Project No.: 92658966

Sample: MW-50S-20230324 **Lab ID: 92658966010** Collected: 03/24/23 14:15 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 06:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 06:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 06:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 06:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 06:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 06:27	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 06:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 06:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 06:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 06:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 06:27	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 06:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 06:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 06:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 06:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 06:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 06:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 06:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 06:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 06:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 06:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 06:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 06:27	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 06:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 06:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 06:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 06:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 06:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 06:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 06:27	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 06:27	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 06:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 06:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 06:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 06:27	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 06:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 06:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 06:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 06:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 06:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 06:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 06:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 06:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 06:27	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50S-20230324 **Lab ID: 92658966010** Collected: 03/24/23 14:15 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 06:27	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 06:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 06:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 06:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/29/23 06:27	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/29/23 06:27	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/29/23 06:27	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BR-20230324 **Lab ID: 92658966011** Collected: 03/24/23 14:14 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 00:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:53	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:53	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	04/01/23 00:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 00:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	04/01/23 00:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 00:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 00:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	04/01/23 00:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	04/01/23 00:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 00:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	04/01/23 00:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	04/01/23 00:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	04/01/23 00:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 00:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 00:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:53	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 00:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 00:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 00:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	04/01/23 00:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 00:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	04/01/23 00:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	04/01/23 00:53	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	04/01/23 00:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	04/01/23 00:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:53	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 00:53	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	04/01/23 00:53	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 00:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 00:53	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BR-20230324 **Lab ID: 92658966011** Collected: 03/24/23 14:14 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 00:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 00:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	04/01/23 00:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	04/01/23 00:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 00:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	04/01/23 00:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 00:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 00:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 00:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 00:53	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:53	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 00:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 00:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 00:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	96	%	10-138		1	03/31/23 11:16	04/01/23 00:53	4165-60-0	
2-Fluorobiphenyl (S)	84	%	10-130		1	03/31/23 11:16	04/01/23 00:53	321-60-8	
Terphenyl-d14 (S)	93	%	19-191		1	03/31/23 11:16	04/01/23 00:53	1718-51-0	
Phenol-d6 (S)	61	%	10-130		1	03/31/23 11:16	04/01/23 00:53	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/31/23 11:16	04/01/23 00:53	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-164		1	03/31/23 11:16	04/01/23 00:53	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	03/29/23 15:00	03/30/23 13:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	03/29/23 15:00	03/30/23 13:40	4165-60-0	
2-Fluorobiphenyl (S)	105	%	61-194		1	03/29/23 15:00	03/30/23 13:40	321-60-8	
Terphenyl-d14 (S)	97	%	69-180		1	03/29/23 15:00	03/30/23 13:40	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		03/29/23 06:45	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 06:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 06:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 06:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 06:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 06:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 06:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 06:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 06:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 06:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 06:45	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 MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BR-20230324 **Lab ID: 92658966011** Collected: 03/24/23 14:14 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 06:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 06:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 06:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 06:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 06:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 06:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 06:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 06:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 06:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 06:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 06:45	75-71-8	IH,L1, M0,v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 06:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 06:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 06:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 06:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 06:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 06:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 06:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 06:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 06:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 06:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 06:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 06:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 06:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 06:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 06:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 06:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 06:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 06:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 06:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 06:45	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 06:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 06:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 06:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 06:45	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 06:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 06:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 06:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 06:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 06:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 06:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 06:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 06:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 06:45	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BR-20230324 **Lab ID: 92658966011** Collected: 03/24/23 14:14 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 06:45	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 06:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 06:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 06:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/29/23 06:45	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/29/23 06:45	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/29/23 06:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BRL-20230324 **Lab ID: 92658966012** Collected: 03/24/23 14:17 Received: 03/27/23 12:05 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	**3.1J**	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 01:19	83-32-9	
Acenaphthylene	**39.0**	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 01:19	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 01:19	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	03/31/23 11:16	04/01/23 01:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	04/01/23 01:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	03/31/23 11:16	04/01/23 01:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	04/01/23 01:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	04/01/23 01:19	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	03/31/23 11:16	04/01/23 01:19	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	03/31/23 11:16	04/01/23 01:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	03/31/23 11:16	04/01/23 01:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	03/31/23 11:16	04/01/23 01:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	03/31/23 11:16	04/01/23 01:19	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	03/31/23 11:16	04/01/23 01:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	03/31/23 11:16	04/01/23 01:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 01:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 01:19	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	03/31/23 11:16	04/01/23 01:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 01:19	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	03/31/23 11:16	04/01/23 01:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	03/31/23 11:16	04/01/23 01:19	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 01:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	03/31/23 11:16	04/01/23 01:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 01:19	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 01:19	84-66-2	
2,4-Dimethylphenol	**2.1J**	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 01:19	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 01:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 01:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	03/31/23 11:16	04/01/23 01:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	03/31/23 11:16	04/01/23 01:19	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 01:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 01:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	03/31/23 11:16	04/01/23 01:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	03/31/23 11:16	04/01/23 01:19	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 01:19	206-44-0	
Fluorene	**4.8J**	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 01:19	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 01:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	03/31/23 11:16	04/01/23 01:19	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 01:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	03/31/23 11:16	04/01/23 01:19	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	03/31/23 11:16	04/01/23 01:19	78-59-1	
1-Methylnaphthalene	**17.5**	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 01:19	90-12-0	
2-Methylnaphthalene	**7.2J**	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 01:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 01:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	03/31/23 11:16	04/01/23 01:19	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BRL-20230324 **Lab ID: 92658966012** Collected: 03/24/23 14:17 Received: 03/27/23 12:05 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	16.7	2.5	1	03/31/23 11:16	04/01/23 01:19	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	03/31/23 11:16	04/01/23 01:19	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	03/31/23 11:16	04/01/23 01:19	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 01:19	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 01:19	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	03/31/23 11:16	04/01/23 01:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	03/31/23 11:16	04/01/23 01:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	03/31/23 11:16	04/01/23 01:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	03/31/23 11:16	04/01/23 01:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	03/31/23 11:16	04/01/23 01:19	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	03/31/23 11:16	04/01/23 01:19	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	03/31/23 11:16	04/01/23 01:19	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	03/31/23 11:16	04/01/23 01:19	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	03/31/23 11:16	04/01/23 01:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	03/31/23 11:16	04/01/23 01:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	03/31/23 11:16	04/01/23 01:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	80	%	10-138		1	03/31/23 11:16	04/01/23 01:19	4165-60-0	
2-Fluorobiphenyl (S)	73	%	10-130		1	03/31/23 11:16	04/01/23 01:19	321-60-8	
Terphenyl-d14 (S)	86	%	19-191		1	03/31/23 11:16	04/01/23 01:19	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/31/23 11:16	04/01/23 01:19	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/31/23 11:16	04/01/23 01:19	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-164		1	03/31/23 11:16	04/01/23 01:19	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	03/29/23 15:00	03/30/23 19:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	69-194		1	03/29/23 15:00	03/30/23 19:52	4165-60-0	
2-Fluorobiphenyl (S)	92	%	61-194		1	03/29/23 15:00	03/30/23 19:52	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	03/29/23 15:00	03/30/23 19:52	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		03/31/23 18:58	67-64-1	
Benzene	**27.7**	ug/L	12.5	4.3	12.5		03/31/23 18:58	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 18:58	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/31/23 18:58	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/31/23 18:58	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		03/31/23 18:58	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/31/23 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/31/23 18:58	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/31/23 18:58	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 18:58	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/31/23 18:58	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BRL-20230324 **Lab ID: 92658966012** Collected: 03/24/23 14:17 Received: 03/27/23 12:05 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	5.4	12.5		03/31/23 18:58	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/31/23 18:58	74-87-3	
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 18:58	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 18:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/31/23 18:58	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/31/23 18:58	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/31/23 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 18:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 18:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 18:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/31/23 18:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/31/23 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/31/23 18:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/31/23 18:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 18:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/31/23 18:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/31/23 18:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/31/23 18:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/31/23 18:58	594-20-7	v1
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/31/23 18:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/31/23 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/31/23 18:58	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/31/23 18:58	108-20-3	
Ethylbenzene	**56.4**	ug/L	12.5	3.8	12.5		03/31/23 18:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/31/23 18:58	87-68-3	v1
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/31/23 18:58	591-78-6	v1
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/31/23 18:58	99-87-6	
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		03/31/23 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/31/23 18:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/31/23 18:58	1634-04-4	
Naphthalene	**1600**	ug/L	12.5	8.1	12.5		03/31/23 18:58	91-20-3	IH
Styrene	**195**	ug/L	12.5	3.6	12.5		03/31/23 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/31/23 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/31/23 18:58	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/31/23 18:58	127-18-4	
Toluene	**343**	ug/L	12.5	6.1	12.5		03/31/23 18:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/31/23 18:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/31/23 18:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/31/23 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/31/23 18:58	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/31/23 18:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/31/23 18:58	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/31/23 18:58	108-05-4	
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/31/23 18:58	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-21BRL-20230324 **Lab ID: 92658966012** Collected: 03/24/23 14:17 Received: 03/27/23 12:05 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)	**277**	ug/L	12.5	4.2	12.5		03/31/23 18:58	1330-20-7	
m&p-Xylene	**188**	ug/L	25.0	8.9	12.5		03/31/23 18:58	179601-23-1	
o-Xylene	**88.3**	ug/L	12.5	4.2	12.5		03/31/23 18:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		12.5		03/31/23 18:58	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		12.5		03/31/23 18:58	17060-07-0	
Toluene-d8 (S)	101	%	70-130		12.5		03/31/23 18:58	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50TZ-20230324 **Lab ID: 92658966013** Collected: 03/24/23 14:35 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 01:44	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 01:44	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 01:44	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	04/01/23 01:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 01:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	04/01/23 01:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 01:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 01:44	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	04/01/23 01:44	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	04/01/23 01:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 01:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	04/01/23 01:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	04/01/23 01:44	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	04/01/23 01:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 01:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 01:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 01:44	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 01:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 01:44	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 01:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 01:44	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 01:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	04/01/23 01:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 01:44	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 01:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 01:44	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 01:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 01:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	04/01/23 01:44	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	04/01/23 01:44	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 01:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 01:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	04/01/23 01:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	04/01/23 01:44	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 01:44	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 01:44	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 01:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 01:44	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 01:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	04/01/23 01:44	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 01:44	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 01:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 01:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 01:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 01:44	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50TZ-20230324 **Lab ID: 92658966013** Collected: 03/24/23 14:35 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 01:44	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 01:44	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	04/01/23 01:44	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 01:44	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 01:44	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	04/01/23 01:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 01:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	04/01/23 01:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 01:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 01:44	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 01:44	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 01:44	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 01:44	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 01:44	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 01:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 01:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	108	%	10-138		1	03/31/23 11:16	04/01/23 01:44	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/31/23 11:16	04/01/23 01:44	321-60-8	
Terphenyl-d14 (S)	97	%	19-191		1	03/31/23 11:16	04/01/23 01:44	1718-51-0	
Phenol-d6 (S)	66	%	10-130		1	03/31/23 11:16	04/01/23 01:44	13127-88-3	
2-Fluorophenol (S)	77	%	10-130		1	03/31/23 11:16	04/01/23 01:44	367-12-4	
2,4,6-Tribromophenol (S)	107	%	10-164		1	03/31/23 11:16	04/01/23 01:44	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	0.097	0.042	1	03/29/23 15:00	03/30/23 14:02	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	94	%	69-194		1	03/29/23 15:00	03/30/23 14:02	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-194		1	03/29/23 15:00	03/30/23 14:02	321-60-8	
Terphenyl-d14 (S)	99	%	69-180		1	03/29/23 15:00	03/30/23 14:02	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		03/29/23 07:03	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 07:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 07:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 07:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 07:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 07:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 07:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 07:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 07:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 07:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 07:03	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50TZ-20230324 **Lab ID: 92658966013** Collected: 03/24/23 14:35 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 07:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 07:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 07:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 07:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 07:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 07:03	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 07:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 07:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 07:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 07:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 07:03	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 07:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 07:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 07:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 07:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 07:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 07:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 07:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 07:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 07:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 07:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 07:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 07:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 07:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 07:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 07:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 07:03	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 07:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 07:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 07:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 07:03	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 07:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 07:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 07:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 07:03	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 07:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 07:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 07:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 07:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 07:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 07:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 07:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 07:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 07:03	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: MW-50TZ-20230324 **Lab ID: 92658966013** Collected: 03/24/23 14:35 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 07:03	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 07:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 07:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 07:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/29/23 07:03	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/29/23 07:03	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/29/23 07:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: EB-05-20230324 **Lab ID: 92658966014** Collected: 03/24/23 15:00 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 02:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 02:10	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 02:10	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/31/23 11:16	04/01/23 02:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 02:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/31/23 11:16	04/01/23 02:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 02:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/31/23 11:16	04/01/23 02:10	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	03/31/23 11:16	04/01/23 02:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/31/23 11:16	04/01/23 02:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 02:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/31/23 11:16	04/01/23 02:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/31/23 11:16	04/01/23 02:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/31/23 11:16	04/01/23 02:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/31/23 11:16	04/01/23 02:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 02:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 02:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 02:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 02:10	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/31/23 11:16	04/01/23 02:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 02:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 02:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/31/23 11:16	04/01/23 02:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 02:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 02:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 02:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 02:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 02:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	03/31/23 11:16	04/01/23 02:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/31/23 11:16	04/01/23 02:10	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 02:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 02:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/31/23 11:16	04/01/23 02:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/31/23 11:16	04/01/23 02:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 02:10	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/31/23 11:16	04/01/23 02:10	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 02:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 02:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 02:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/31/23 11:16	04/01/23 02:10	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/31/23 11:16	04/01/23 02:10	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 02:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 02:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 02:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 02:10	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: EB-05-20230324 **Lab ID: 92658966014** Collected: 03/24/23 15:00 Received: 03/27/23 12:05 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	03/31/23 11:16	04/01/23 02:10	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 02:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/31/23 11:16	04/01/23 02:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 02:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 02:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/31/23 11:16	04/01/23 02:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/31/23 11:16	04/01/23 02:10	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/31/23 11:16	04/01/23 02:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/31/23 11:16	04/01/23 02:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/31/23 11:16	04/01/23 02:10	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/31/23 11:16	04/01/23 02:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/31/23 11:16	04/01/23 02:10	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 02:10	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/31/23 11:16	04/01/23 02:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/31/23 11:16	04/01/23 02:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/31/23 11:16	04/01/23 02:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-138		1	03/31/23 11:16	04/01/23 02:10	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/31/23 11:16	04/01/23 02:10	321-60-8	
Terphenyl-d14 (S)	96	%	19-191		1	03/31/23 11:16	04/01/23 02:10	1718-51-0	
Phenol-d6 (S)	67	%	10-130		1	03/31/23 11:16	04/01/23 02:10	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/31/23 11:16	04/01/23 02:10	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-164		1	03/31/23 11:16	04/01/23 02:10	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	0.097	0.042	1	03/29/23 15:00	03/30/23 14:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	69-194		1	03/29/23 15:00	03/30/23 14:24	4165-60-0	
2-Fluorobiphenyl (S)	100	%	61-194		1	03/29/23 15:00	03/30/23 14:24	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	03/29/23 15:00	03/30/23 14:24	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		03/29/23 01:36	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 01:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 01:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 01:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 01:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 01:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 01:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 01:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 01:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 01:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 01:36	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 MGP J23030238
Pace Project No.: 92658966

Sample: EB-05-20230324 **Lab ID: 92658966014** Collected: 03/24/23 15:00 Received: 03/27/23 12:05 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	1.0	0.43	1		03/29/23 01:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 01:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 01:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 01:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 01:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 01:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 01:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 01:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 01:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 01:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 01:36	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 01:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 01:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 01:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 01:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 01:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 01:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 01:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 01:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 01:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 01:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 01:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 01:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 01:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 01:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 01:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 01:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 01:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 01:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 01:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 01:36	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 01:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 01:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 01:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 01:36	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 01:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 01:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 01:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 01:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 01:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 01:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 01:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 01:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 01:36	108-05-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: EB-05-20230324 **Lab ID: 92658966014** Collected: 03/24/23 15:00 Received: 03/27/23 12:05 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								
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 01:36	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 01:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 01:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 01:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/29/23 01:36	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/29/23 01:36	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/29/23 01:36	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: TB-09-20230324 **Lab ID: 92658966015** Collected: 03/24/23 00:00 Received: 03/27/23 12:05 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		03/29/23 01:54	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 01:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 01:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 01:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 01:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 01:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 01:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 01:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 01:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 01:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 01:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/29/23 01:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 01:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 01:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 01:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 01:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 01:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 01:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 01:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 01:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 01:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 01:54	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 01:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 01:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 01:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 01:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 01:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 01:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 01:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 01:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 01:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 01:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 01:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 01:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 01:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 01:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 01:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 01:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 01:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 01:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 01:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 01:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 01:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 01:54	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: TB-09-20230324 **Lab ID: 92658966015** Collected: 03/24/23 00:00 Received: 03/27/23 12:05 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								
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 01:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 01:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 01:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 01:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 01:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 01:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 01:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 01:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 01:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 01:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 01:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 01:54	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 01:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 01:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 01:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/29/23 01:54	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/29/23 01:54	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/29/23 01:54	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: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: TB-10-20230324 **Lab ID: 92658966016** Collected: 03/24/23 00:00 Received: 03/27/23 12:05 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		03/29/23 02:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/29/23 02:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/29/23 02:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/29/23 02:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/29/23 02:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/29/23 02:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/29/23 02:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/29/23 02:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/29/23 02:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/29/23 02:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/29/23 02:13	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/29/23 02:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/29/23 02:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 02:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/29/23 02:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/29/23 02:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/29/23 02:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/29/23 02:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 02:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/29/23 02:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/29/23 02:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/29/23 02:13	75-71-8	IH,L1, v1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/29/23 02:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 02:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/29/23 02:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 02:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/29/23 02:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/29/23 02:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/29/23 02:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/29/23 02:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/29/23 02:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 02:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/29/23 02:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/29/23 02:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/29/23 02:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/29/23 02:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/29/23 02:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/29/23 02:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/29/23 02:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/29/23 02:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/29/23 02:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/29/23 02:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/29/23 02:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/29/23 02:13	630-20-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Sample: TB-10-20230324 **Lab ID: 92658966016** Collected: 03/24/23 00:00 Received: 03/27/23 12:05 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								
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/29/23 02:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/29/23 02:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/29/23 02:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/29/23 02:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/29/23 02:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/29/23 02:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/29/23 02:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/29/23 02:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/29/23 02:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/29/23 02:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/29/23 02:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/29/23 02:13	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/29/23 02:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/29/23 02:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/29/23 02:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/29/23 02:13	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/29/23 02:13	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/29/23 02:13	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: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764274
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3968717 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/28/23 15:45	
Ethene	ug/L	ND	10.0	5.7	03/28/23 15:45	
Methane	ug/L	5.6J	10.0	5.3	03/28/23 15:45	

LABORATORY CONTROL SAMPLE: 3968718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	563	101	70-130	
Ethene	ug/L	520	525	101	70-130	
Methane	ug/L	297	295	99	70-130	

MATRIX SPIKE SAMPLE: 3968720

Parameter	Units	92658966006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	558	100	70-130	
Ethene	ug/L	ND	520	527	101	70-130	
Methane	ug/L	673	297	1190	173	70-130	M1

SAMPLE DUPLICATE: 3968719

Parameter	Units	92658966005 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	594	526	12	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764187
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3968335 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/30/23 18:30	
Manganese	ug/L	ND	5.0	3.4	03/30/23 18:30	

LABORATORY CONTROL SAMPLE: 3968336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4910	98	80-120	
Manganese	ug/L	500	489	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968337 3968338

Parameter	Units	92658966005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	ND	5000	5000	4730	4740	95	95	75-125	0	20	
Manganese	ug/L	ND	500	500	474	472	95	94	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764601
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3970372 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/30/23 18:58	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/30/23 18:58	

LABORATORY CONTROL SAMPLE: 3970373

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4360	87	80-120	
Manganese, Dissolved	ug/L	500	440	88	80-120	

MATRIX SPIKE SAMPLE: 3970374

Parameter	Units	92658966005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	ND	5000	4340	87	75-125	
Manganese, Dissolved	ug/L	ND	500	438	88	75-125	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

QC Batch: 764309
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658966002, 92658966004, 92658966006, 92658966008, 92658966009, 92658966010, 92658966011, 92658966013, 92658966014, 92658966015, 92658966016

METHOD BLANK: 3968977
Matrix: Water
Associated Lab Samples: 92658966002, 92658966004, 92658966006, 92658966008, 92658966009, 92658966010, 92658966011, 92658966013, 92658966014, 92658966015, 92658966016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/29/23 00:42	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/29/23 00:42	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/29/23 00:42	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/29/23 00:42	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/29/23 00:42	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/29/23 00:42	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/29/23 00:42	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/29/23 00:42	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/29/23 00:42	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/29/23 00:42	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/29/23 00:42	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/29/23 00:42	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/29/23 00:42	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/29/23 00:42	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/29/23 00:42	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/29/23 00:42	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/29/23 00:42	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/29/23 00:42	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/29/23 00:42	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/29/23 00:42	
2-Hexanone	ug/L	ND	5.0	0.48	03/29/23 00:42	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/29/23 00:42	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/29/23 00:42	
Acetone	ug/L	ND	25.0	5.1	03/29/23 00:42	
Benzene	ug/L	ND	1.0	0.34	03/29/23 00:42	
Bromobenzene	ug/L	ND	1.0	0.29	03/29/23 00:42	
Bromochloromethane	ug/L	ND	1.0	0.47	03/29/23 00:42	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/29/23 00:42	
Bromoform	ug/L	ND	1.0	0.34	03/29/23 00:42	
Bromomethane	ug/L	ND	2.0	1.7	03/29/23 00:42	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/29/23 00:42	
Chlorobenzene	ug/L	ND	1.0	0.28	03/29/23 00:42	
Chloroethane	ug/L	ND	1.0	0.65	03/29/23 00:42	
Chloroform	ug/L	ND	1.0	0.43	03/29/23 00:42	
Chloromethane	ug/L	ND	1.0	0.54	03/29/23 00:42	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/29/23 00:42	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/29/23 00:42	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/29/23 00:42	
Dibromomethane	ug/L	ND	1.0	0.39	03/29/23 00:42	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

METHOD BLANK: 3968977 Matrix: Water

Associated Lab Samples: 92658966002, 92658966004, 92658966006, 92658966008, 92658966009, 92658966010, 92658966011, 92658966013, 92658966014, 92658966015, 92658966016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/29/23 00:42	IH,v1
Diisopropyl ether	ug/L	ND	1.0	0.31	03/29/23 00:42	
Ethylbenzene	ug/L	ND	1.0	0.30	03/29/23 00:42	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/29/23 00:42	
m&p-Xylene	ug/L	ND	2.0	0.71	03/29/23 00:42	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/29/23 00:42	
Methylene Chloride	ug/L	ND	5.0	2.0	03/29/23 00:42	
Naphthalene	ug/L	ND	1.0	0.64	03/29/23 00:42	
o-Xylene	ug/L	ND	1.0	0.34	03/29/23 00:42	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/29/23 00:42	
Styrene	ug/L	ND	1.0	0.29	03/29/23 00:42	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/29/23 00:42	
Toluene	ug/L	ND	1.0	0.48	03/29/23 00:42	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/29/23 00:42	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/29/23 00:42	
Trichloroethene	ug/L	ND	1.0	0.38	03/29/23 00:42	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/29/23 00:42	
Vinyl acetate	ug/L	ND	2.0	1.3	03/29/23 00:42	
Vinyl chloride	ug/L	ND	1.0	0.39	03/29/23 00:42	
Xylene (Total)	ug/L	ND	1.0	0.34	03/29/23 00:42	
1,2-Dichloroethane-d4 (S)	%	97	70-130		03/29/23 00:42	
4-Bromofluorobenzene (S)	%	97	70-130		03/29/23 00:42	
Toluene-d8 (S)	%	102	70-130		03/29/23 00:42	

LABORATORY CONTROL SAMPLE: 3968978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.4	97	70-130	
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.5	98	70-130	
1,1,2-Trichloroethane	ug/L	20	21.0	105	70-130	
1,1-Dichloroethane	ug/L	20	19.1	95	70-130	
1,1-Dichloroethene	ug/L	20	20.9	105	70-130	
1,1-Dichloropropene	ug/L	20	20.6	103	70-130	
1,2,3-Trichlorobenzene	ug/L	20	19.5	98	70-130	
1,2,3-Trichloropropane	ug/L	20	18.4	92	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.0	100	70-130	
1,2-Dichlorobenzene	ug/L	20	19.8	99	70-130	
1,2-Dichloroethane	ug/L	20	18.4	92	70-130	
1,2-Dichloropropane	ug/L	20	19.1	95	70-130	
1,3-Dichlorobenzene	ug/L	20	19.8	99	70-130	
1,3-Dichloropropane	ug/L	20	19.6	98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

LABORATORY CONTROL SAMPLE: 3968978

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.4	97	70-130	
2,2-Dichloropropane	ug/L	20	17.9	90	70-130	
2-Butanone (MEK)	ug/L	40	34.9	87	70-130	
2-Chlorotoluene	ug/L	20	18.7	94	70-130	
2-Hexanone	ug/L	40	37.5	94	70-130	
4-Chlorotoluene	ug/L	20	18.3	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	38.2	96	70-130	
Acetone	ug/L	40	35.9	90	70-130	
Benzene	ug/L	20	19.3	96	70-130	
Bromobenzene	ug/L	20	18.6	93	70-130	
Bromochloromethane	ug/L	20	20.6	103	70-130	
Bromodichloromethane	ug/L	20	18.5	93	70-130	
Bromoform	ug/L	20	18.5	92	70-130	
Bromomethane	ug/L	20	16.1	80	70-130	
Carbon tetrachloride	ug/L	20	18.2	91	70-130	
Chlorobenzene	ug/L	20	19.5	97	70-130	
Chloroethane	ug/L	20	20.3	102	70-130	
Chloroform	ug/L	20	19.7	98	70-130	
Chloromethane	ug/L	20	21.0	105	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.1	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Dibromochloromethane	ug/L	20	19.5	98	70-130	
Dibromomethane	ug/L	20	19.8	99	70-130	
Dichlorodifluoromethane	ug/L	20	27.3	136	70-130	IH,L1,v1
Diisopropyl ether	ug/L	20	18.4	92	70-130	
Ethylbenzene	ug/L	20	18.8	94	70-130	
Hexachloro-1,3-butadiene	ug/L	20	19.1	96	70-130	
m&p-Xylene	ug/L	40	38.3	96	70-130	
Methyl-tert-butyl ether	ug/L	20	17.4	87	70-130	
Methylene Chloride	ug/L	20	18.4	92	70-130	
Naphthalene	ug/L	20	22.0	110	70-130	
o-Xylene	ug/L	20	19.5	98	70-130	
p-Isopropyltoluene	ug/L	20	19.8	99	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	19.1	96	70-130	
Toluene	ug/L	20	19.6	98	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.9	94	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
Trichloroethene	ug/L	20	19.9	100	70-130	
Trichlorofluoromethane	ug/L	20	18.8	94	70-130	
Vinyl acetate	ug/L	40	37.3	93	70-130	
Vinyl chloride	ug/L	20	18.3	92	70-130	
Xylene (Total)	ug/L	60	57.8	96	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			103	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE SAMPLE: 3968980

Parameter	Units	92658966011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	24.0	120	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	25.3	126	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	24.0	120	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	24.2	121	70-135	
1,1-Dichloroethane	ug/L	ND	20	24.8	124	70-139	
1,1-Dichloroethene	ug/L	ND	20	27.2	136	70-154	
1,1-Dichloropropene	ug/L	ND	20	27.0	135	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	23.1	116	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	23.2	116	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	23.3	117	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	23.8	119	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	23.2	116	70-133	
1,2-Dichloroethane	ug/L	ND	20	23.8	119	70-137	
1,2-Dichloropropane	ug/L	ND	20	24.4	122	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	24.0	120	70-135	
1,3-Dichloropropane	ug/L	ND	20	23.3	116	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	23.4	117	70-133	
2,2-Dichloropropane	ug/L	ND	20	25.2	126	61-148	
2-Butanone (MEK)	ug/L	ND	40	46.8	117	60-139	
2-Chlorotoluene	ug/L	ND	20	24.2	121	70-144	
2-Hexanone	ug/L	ND	40	47.3	118	65-138	
4-Chlorotoluene	ug/L	ND	20	24.1	121	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	46.1	115	65-135	
Acetone	ug/L	ND	40	44.3	108	60-148	
Benzene	ug/L	ND	20	24.6	123	70-151	
Bromobenzene	ug/L	ND	20	23.3	116	70-136	
Bromochloromethane	ug/L	ND	20	24.1	121	70-141	
Bromodichloromethane	ug/L	ND	20	23.5	117	70-138	
Bromoform	ug/L	ND	20	22.0	110	63-130	
Bromomethane	ug/L	ND	20	17.2	86	15-152	v3
Carbon tetrachloride	ug/L	ND	20	25.4	127	70-143	
Chlorobenzene	ug/L	ND	20	23.8	119	70-138	
Chloroethane	ug/L	ND	20	26.6	133	52-163	
Chloroform	ug/L	ND	20	25.0	125	70-139	
Chloromethane	ug/L	ND	20	27.1	135	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	24.9	124	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	23.6	118	70-137	
Dibromochloromethane	ug/L	ND	20	23.1	115	70-134	
Dibromomethane	ug/L	ND	20	22.8	114	70-138	
Dichlorodifluoromethane	ug/L	ND	20	38.6	193	47-155	IH,M0,v1
Diisopropyl ether	ug/L	ND	20	23.3	117	63-144	
Ethylbenzene	ug/L	ND	20	23.4	117	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.9	120	65-149	
m&p-Xylene	ug/L	ND	40	47.3	118	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	21.4	107	54-156	
Methylene Chloride	ug/L	ND	20	21.8	108	42-159	
Naphthalene	ug/L	ND	20	22.8	114	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE SAMPLE: 3968980

Parameter	Units	92658966011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	23.2	116	70-148	
p-Isopropyltoluene	ug/L	ND	20	24.9	124	70-146	
Styrene	ug/L	ND	20	24.1	120	70-135	
Tetrachloroethene	ug/L	ND	20	23.8	119	59-143	
Toluene	ug/L	ND	20	22.9	114	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	24.5	122	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	23.3	116	70-135	
Trichloroethene	ug/L	ND	20	24.5	122	70-147	
Trichlorofluoromethane	ug/L	ND	20	26.9	134	70-148	
Vinyl acetate	ug/L	ND	40	47.4	118	49-151	
Vinyl chloride	ug/L	ND	20	23.5	117	70-156	
Xylene (Total)	ug/L	ND	60	70.6	118	63-158	
1,2-Dichloroethane-d4 (S)	%				102	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3968979

Parameter	Units	92658966008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92658966

SAMPLE DUPLICATE: 3968979

Parameter	Units	92658966008 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	IH,v1
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	101	103			
4-Bromofluorobenzene (S)	%	98	98			
Toluene-d8 (S)	%	102	100			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764311
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658966001, 92658966005

METHOD BLANK: 3968989 Matrix: Water
Associated Lab Samples: 92658966001, 92658966005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/29/23 14:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/29/23 14:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/29/23 14:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/29/23 14:02	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/29/23 14:02	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/29/23 14:02	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/29/23 14:02	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/29/23 14:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/29/23 14:02	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/29/23 14:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/29/23 14:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/29/23 14:02	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/29/23 14:02	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/29/23 14:02	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/29/23 14:02	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/29/23 14:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/29/23 14:02	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/29/23 14:02	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/29/23 14:02	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/29/23 14:02	
2-Hexanone	ug/L	ND	5.0	0.48	03/29/23 14:02	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/29/23 14:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/29/23 14:02	
Acetone	ug/L	ND	25.0	5.1	03/29/23 14:02	
Benzene	ug/L	ND	1.0	0.34	03/29/23 14:02	
Bromobenzene	ug/L	ND	1.0	0.29	03/29/23 14:02	
Bromochloromethane	ug/L	ND	1.0	0.47	03/29/23 14:02	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/29/23 14:02	
Bromoform	ug/L	ND	1.0	0.34	03/29/23 14:02	
Bromomethane	ug/L	ND	2.0	1.7	03/29/23 14:02	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/29/23 14:02	
Chlorobenzene	ug/L	ND	1.0	0.28	03/29/23 14:02	
Chloroethane	ug/L	ND	1.0	0.65	03/29/23 14:02	
Chloroform	ug/L	ND	1.0	0.43	03/29/23 14:02	
Chloromethane	ug/L	ND	1.0	0.54	03/29/23 14:02	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/29/23 14:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/29/23 14:02	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/29/23 14:02	
Dibromomethane	ug/L	ND	1.0	0.39	03/29/23 14:02	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/29/23 14:02	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

METHOD BLANK: 3968989 Matrix: Water
Associated Lab Samples: 92658966001, 92658966005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/29/23 14:02	
Ethylbenzene	ug/L	ND	1.0	0.30	03/29/23 14:02	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/29/23 14:02	
m&p-Xylene	ug/L	ND	2.0	0.71	03/29/23 14:02	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/29/23 14:02	
Methylene Chloride	ug/L	ND	5.0	2.0	03/29/23 14:02	
Naphthalene	ug/L	ND	1.0	0.64	03/29/23 14:02	
o-Xylene	ug/L	ND	1.0	0.34	03/29/23 14:02	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/29/23 14:02	
Styrene	ug/L	ND	1.0	0.29	03/29/23 14:02	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/29/23 14:02	
Toluene	ug/L	ND	1.0	0.48	03/29/23 14:02	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/29/23 14:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/29/23 14:02	
Trichloroethene	ug/L	ND	1.0	0.38	03/29/23 14:02	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/29/23 14:02	
Vinyl acetate	ug/L	ND	2.0	1.3	03/29/23 14:02	
Vinyl chloride	ug/L	ND	1.0	0.39	03/29/23 14:02	
Xylene (Total)	ug/L	ND	1.0	0.34	03/29/23 14:02	
1,2-Dichloroethane-d4 (S)	%	104	70-130		03/29/23 14:02	
4-Bromofluorobenzene (S)	%	97	70-130		03/29/23 14:02	
Toluene-d8 (S)	%	100	70-130		03/29/23 14:02	

LABORATORY CONTROL SAMPLE: 3968990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.8	104	70-130	
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.6	108	70-130	
1,1,2-Trichloroethane	ug/L	20	21.7	108	70-130	
1,1-Dichloroethane	ug/L	20	18.3	92	70-130	
1,1-Dichloroethene	ug/L	20	18.4	92	70-130	
1,1-Dichloropropene	ug/L	20	19.3	97	70-130	
1,2,3-Trichlorobenzene	ug/L	20	22.5	112	70-130	
1,2,3-Trichloropropane	ug/L	20	21.0	105	70-130	
1,2,4-Trichlorobenzene	ug/L	20	22.2	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	22.7	114	70-130	
1,2-Dichlorobenzene	ug/L	20	21.2	106	70-130	
1,2-Dichloroethane	ug/L	20	19.6	98	70-130	
1,2-Dichloropropane	ug/L	20	20.1	100	70-130	
1,3-Dichlorobenzene	ug/L	20	21.4	107	70-130	
1,3-Dichloropropane	ug/L	20	19.8	99	70-130	
1,4-Dichlorobenzene	ug/L	20	21.4	107	70-130	
2,2-Dichloropropane	ug/L	20	18.7	94	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

LABORATORY CONTROL SAMPLE: 3968990

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	40.9	102	70-130	
2-Chlorotoluene	ug/L	20	20.9	104	70-130	
2-Hexanone	ug/L	40	45.2	113	70-130	
4-Chlorotoluene	ug/L	20	21.2	106	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	44.5	111	70-130	
Acetone	ug/L	40	38.4	96	70-130	
Benzene	ug/L	20	18.2	91	70-130	
Bromobenzene	ug/L	20	20.5	103	70-130	
Bromochloromethane	ug/L	20	19.3	97	70-130	
Bromodichloromethane	ug/L	20	19.4	97	70-130	
Bromoform	ug/L	20	20.8	104	70-130	
Bromomethane	ug/L	20	16.0	80	70-130	
Carbon tetrachloride	ug/L	20	18.5	93	70-130	
Chlorobenzene	ug/L	20	20.5	103	70-130	
Chloroethane	ug/L	20	17.3	86	70-130	
Chloroform	ug/L	20	18.3	92	70-130	
Chloromethane	ug/L	20	18.5	93	70-130	
cis-1,2-Dichloroethene	ug/L	20	18.9	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.6	103	70-130	
Dibromochloromethane	ug/L	20	20.5	103	70-130	
Dibromomethane	ug/L	20	20.2	101	70-130	
Dichlorodifluoromethane	ug/L	20	20.1	101	70-130	
Diisopropyl ether	ug/L	20	18.8	94	70-130	
Ethylbenzene	ug/L	20	19.9	99	70-130	
Hexachloro-1,3-butadiene	ug/L	20	22.1	110	70-130	
m&p-Xylene	ug/L	40	40.5	101	70-130	
Methyl-tert-butyl ether	ug/L	20	18.5	92	70-130	
Methylene Chloride	ug/L	20	19.3	97	70-130	
Naphthalene	ug/L	20	23.9	120	70-130	
o-Xylene	ug/L	20	20.5	103	70-130	
p-Isopropyltoluene	ug/L	20	21.8	109	70-130	
Styrene	ug/L	20	21.3	106	70-130	
Tetrachloroethene	ug/L	20	19.5	97	70-130	
Toluene	ug/L	20	19.5	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.4	92	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.8	104	70-130	
Trichloroethene	ug/L	20	18.9	95	70-130	
Trichlorofluoromethane	ug/L	20	16.7	83	70-130	
Vinyl acetate	ug/L	40	38.7	97	70-130	
Vinyl chloride	ug/L	20	14.6	73	70-130	
Xylene (Total)	ug/L	60	61.1	102	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968991 3968992

Parameter	Units	92658966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	17.9J	21.1J	2	3	73-134		30	M1
1,1,1-Trichloroethane	ug/L	ND	800	800	15.9J	16.9J	2	2	82-143		30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	20.0J	22.2J	3	3	70-136		30	M1
1,1,2-Trichloroethane	ug/L	ND	800	800	17.6J	18.7J	2	2	70-135		30	M1
1,1-Dichloroethane	ug/L	ND	800	800	15.2J	16.1J	2	2	70-139		30	M1
1,1-Dichloroethene	ug/L	ND	800	800	16.4J	ND	2	2	70-154		30	M1
1,1-Dichloropropene	ug/L	ND	800	800	ND	ND	2	2	70-149		30	M1
1,2,3-Trichlorobenzene	ug/L	ND	800	800	ND	ND	3	3	70-135		30	M1
1,2,3-Trichloropropane	ug/L	ND	800	800	13.3J	12.3J	2	2	71-137		30	M1
1,2,4-Trichlorobenzene	ug/L	ND	800	800	ND	ND	3	3	73-140		30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	22.0J	21.7J	3	3	65-134		30	M1
1,2-Dichlorobenzene	ug/L	ND	800	800	23.0J	22.3J	3	3	70-133		30	M1
1,2-Dichloroethane	ug/L	ND	800	800	16.8J	19.3J	2	2	70-137		30	M1
1,2-Dichloropropane	ug/L	ND	800	800	16.8J	17.9J	2	2	70-140		30	M1
1,3-Dichlorobenzene	ug/L	ND	800	800	22.2J	21.8J	3	3	70-135		30	M1
1,3-Dichloropropane	ug/L	ND	800	800	19.1J	19.6J	2	2	70-143		30	M1
1,4-Dichlorobenzene	ug/L	ND	800	800	23.6J	24.4J	3	3	70-133		30	M1
2,2-Dichloropropane	ug/L	ND	800	800	16.4J	ND	2	2	61-148		30	M1
2-Butanone (MEK)	ug/L	ND	1600	1600	ND	ND	2	2	60-139		30	M1
2-Chlorotoluene	ug/L	ND	800	800	30.0J	30.1J	4	4	70-144		30	M1
2-Hexanone	ug/L	ND	1600	1600	35.3J	38.7J	2	2	65-138		30	M1
4-Chlorotoluene	ug/L	ND	800	800	19.9J	21.6J	2	3	70-137		30	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1600	1600	ND	ND	2	3	65-135		30	M1
Acetone	ug/L	ND	1600	1600	ND	ND	3	3	60-148		30	M1
Benzene	ug/L	575	800	800	591	589	2	2	70-151	0	30	M1
Bromobenzene	ug/L	ND	800	800	20.3J	20.3J	3	3	70-136		30	M1
Bromochloromethane	ug/L	ND	800	800	ND	ND	1	2	70-141		30	M1
Bromodichloromethane	ug/L	ND	800	800	18.1J	16.8J	2	2	70-138		30	M1
Bromoform	ug/L	ND	800	800	16.0J	20.4J	2	3	63-130		30	M1
Bromomethane	ug/L	ND	800	800	ND	ND	1	2	15-152		30	M1
Carbon tetrachloride	ug/L	ND	800	800	15.8J	14.2J	2	2	70-143		30	M1
Chlorobenzene	ug/L	ND	800	800	20.7J	20.6J	3	3	70-138		30	M1
Chloroethane	ug/L	ND	800	800	ND	ND	2	2	52-163		30	M1
Chloroform	ug/L	ND	800	800	18.8J	21.0J	2	3	70-139		30	M1
Chloromethane	ug/L	ND	800	800	ND	ND	2	2	41-139		30	M1
cis-1,2-Dichloroethene	ug/L	ND	800	800	17.8J	16.6J	2	2	70-141		30	M1
cis-1,3-Dichloropropene	ug/L	ND	800	800	16.9J	17.2J	2	2	70-137		30	M1
Dibromochloromethane	ug/L	ND	800	800	17.8J	17.7J	2	2	70-134		30	M1
Dibromomethane	ug/L	ND	800	800	17.2J	ND	2	2	70-138		30	M1
Dichlorodifluoromethane	ug/L	ND	800	800	ND	ND	2	1	47-155		30	M1
Diisopropyl ether	ug/L	ND	800	800	16.7J	18.2J	2	2	63-144		30	M1
Ethylbenzene	ug/L	174	800	800	196	191	3	2	66-153	3	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	800	800	ND	ND	2	3	65-149		30	M1
m&p-Xylene	ug/L	135	1600	1600	180	179	3	3	69-152	1	30	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968991 3968992

Parameter	Units	92658966001 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	800	800	17.6J	17.3J	2	2	54-156		30	M1
Methylene Chloride	ug/L	ND	800	800	ND	ND	4	4	42-159		30	M1
Naphthalene	ug/L	4450	800	800	4690	4690	30	30	61-148	0	30	M1
o-Xylene	ug/L	75.2	800	800	92.8	90.2	2	2	70-148	3	30	M1
p-Isopropyltoluene	ug/L	ND	800	800	22.7J	21.6J	3	3	70-146		30	M1
Styrene	ug/L	49.2	800	800	68.6	67.0	2	2	70-135	2	30	M1
Tetrachloroethene	ug/L	ND	800	800	21.2J	20.4J	3	3	59-143		30	M1
Toluene	ug/L	171	800	800	191	190	3	2	59-148	1	30	M1
trans-1,2-Dichloroethene	ug/L	ND	800	800	ND	ND	2	2	70-146		30	M1
trans-1,3-Dichloropropene	ug/L	ND	800	800	15.9J	16.3J	2	2	70-135		30	M1
Trichloroethene	ug/L	ND	800	800	16.5J	16.1J	2	2	70-147		30	M1
Trichlorofluoromethane	ug/L	ND	800	800	14.9J	12.2J	2	2	70-148		30	M1
Vinyl acetate	ug/L	ND	1600	1600	ND	ND	2	2	49-151		30	M1
Vinyl chloride	ug/L	ND	800	800	ND	ND	1	1	70-156		30	M1
Xylene (Total)	ug/L	210	2400	2400	273	269	3	2	63-158	1	30	MS
1,2-Dichloroethane-d4 (S)	%						103	101	70-130			
4-Bromofluorobenzene (S)	%						98	98	70-130			
Toluene-d8 (S)	%						100	99	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764943
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658966003

METHOD BLANK: 3971971 Matrix: Water
Associated Lab Samples: 92658966003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/31/23 13:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/31/23 13:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/31/23 13:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/31/23 13:31	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/31/23 13:31	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/31/23 13:31	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/31/23 13:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/31/23 13:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/31/23 13:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/31/23 13:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/31/23 13:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 13:31	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/31/23 13:31	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/31/23 13:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 13:31	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/31/23 13:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/31/23 13:31	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/31/23 13:31	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/31/23 13:31	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 13:31	
2-Hexanone	ug/L	ND	5.0	0.48	03/31/23 13:31	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 13:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/31/23 13:31	
Acetone	ug/L	ND	25.0	5.1	03/31/23 13:31	
Benzene	ug/L	ND	1.0	0.34	03/31/23 13:31	
Bromobenzene	ug/L	ND	1.0	0.29	03/31/23 13:31	
Bromochloromethane	ug/L	ND	1.0	0.47	03/31/23 13:31	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/31/23 13:31	
Bromoform	ug/L	ND	1.0	0.34	03/31/23 13:31	
Bromomethane	ug/L	ND	2.0	1.7	03/31/23 13:31	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/31/23 13:31	
Chlorobenzene	ug/L	ND	1.0	0.28	03/31/23 13:31	
Chloroethane	ug/L	ND	1.0	0.65	03/31/23 13:31	
Chloroform	ug/L	ND	1.0	0.43	03/31/23 13:31	
Chloromethane	ug/L	ND	1.0	0.54	03/31/23 13:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/31/23 13:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 13:31	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/31/23 13:31	
Dibromomethane	ug/L	ND	1.0	0.39	03/31/23 13:31	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/31/23 13:31	IH,v1

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

METHOD BLANK: 3971971 Matrix: Water
Associated Lab Samples: 92658966003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/31/23 13:31	
Ethylbenzene	ug/L	ND	1.0	0.30	03/31/23 13:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/31/23 13:31	
m&p-Xylene	ug/L	ND	2.0	0.71	03/31/23 13:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/31/23 13:31	
Methylene Chloride	ug/L	ND	5.0	2.0	03/31/23 13:31	
Naphthalene	ug/L	ND	1.0	0.64	03/31/23 13:31	
o-Xylene	ug/L	ND	1.0	0.34	03/31/23 13:31	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/31/23 13:31	
Styrene	ug/L	ND	1.0	0.29	03/31/23 13:31	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/31/23 13:31	
Toluene	ug/L	ND	1.0	0.48	03/31/23 13:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/31/23 13:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 13:31	
Trichloroethene	ug/L	ND	1.0	0.38	03/31/23 13:31	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/31/23 13:31	
Vinyl acetate	ug/L	ND	2.0	1.3	03/31/23 13:31	
Vinyl chloride	ug/L	ND	1.0	0.39	03/31/23 13:31	
Xylene (Total)	ug/L	ND	1.0	0.34	03/31/23 13:31	
1,2-Dichloroethane-d4 (S)	%	104	70-130		03/31/23 13:31	
4-Bromofluorobenzene (S)	%	100	70-130		03/31/23 13:31	
Toluene-d8 (S)	%	101	70-130		03/31/23 13:31	

LABORATORY CONTROL SAMPLE: 3971972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.9	104	70-130	
1,1,1-Trichloroethane	ug/L	20	21.1	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.3	96	70-130	
1,1,2-Trichloroethane	ug/L	20	22.3	111	70-130	
1,1-Dichloroethane	ug/L	20	20.8	104	70-130	
1,1-Dichloroethene	ug/L	20	20.2	101	70-130	
1,1-Dichloropropene	ug/L	20	21.4	107	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.7	103	70-130	
1,2,3-Trichloropropane	ug/L	20	19.7	99	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.7	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	19.5	97	70-130	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	19.8	99	70-130	
1,2-Dichloropropane	ug/L	20	20.0	100	70-130	
1,3-Dichlorobenzene	ug/L	20	20.4	102	70-130	
1,3-Dichloropropane	ug/L	20	19.3	97	70-130	
1,4-Dichlorobenzene	ug/L	20	19.9	100	70-130	
2,2-Dichloropropane	ug/L	20	21.4	107	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

LABORATORY CONTROL SAMPLE: 3971972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	37.2	93	70-130	
2-Chlorotoluene	ug/L	20	20.5	102	70-130	
2-Hexanone	ug/L	40	41.2	103	70-130	
4-Chlorotoluene	ug/L	20	19.6	98	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	42.0	105	70-130	
Acetone	ug/L	40	36.3	91	70-130	
Benzene	ug/L	20	20.8	104	70-130	
Bromobenzene	ug/L	20	19.9	100	70-130	
Bromochloromethane	ug/L	20	21.1	105	70-130	
Bromodichloromethane	ug/L	20	19.9	99	70-130	
Bromoform	ug/L	20	19.0	95	70-130	
Bromomethane	ug/L	20	14.3	71	70-130	v3
Carbon tetrachloride	ug/L	20	22.0	110	70-130	
Chlorobenzene	ug/L	20	20.2	101	70-130	
Chloroethane	ug/L	20	19.2	96	70-130	
Chloroform	ug/L	20	22.0	110	70-130	
Chloromethane	ug/L	20	20.1	101	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.9	104	70-130	
cis-1,3-Dichloropropene	ug/L	20	21.6	108	70-130	
Dibromochloromethane	ug/L	20	19.9	99	70-130	
Dibromomethane	ug/L	20	20.2	101	70-130	
Dichlorodifluoromethane	ug/L	20	29.2	146	70-130	IH,L1,v1
Diisopropyl ether	ug/L	20	19.8	99	70-130	
Ethylbenzene	ug/L	20	20.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	20	22.7	114	70-130	
m&p-Xylene	ug/L	40	41.2	103	70-130	
Methyl-tert-butyl ether	ug/L	20	19.2	96	70-130	
Methylene Chloride	ug/L	20	18.0	90	70-130	
Naphthalene	ug/L	20	21.8	109	70-130	
o-Xylene	ug/L	20	20.1	100	70-130	
p-Isopropyltoluene	ug/L	20	21.2	106	70-130	
Styrene	ug/L	20	20.5	103	70-130	
Tetrachloroethene	ug/L	20	20.5	102	70-130	
Toluene	ug/L	20	20.7	104	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.6	108	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.1	106	70-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Trichlorofluoromethane	ug/L	20	20.3	101	70-130	
Vinyl acetate	ug/L	40	41.8	105	70-130	
Vinyl chloride	ug/L	20	17.0	85	70-130	
Xylene (Total)	ug/L	60	61.2	102	70-130	
1,2-Dichloroethane-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			106	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971973 3971974

Parameter	Units	92659515005 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	22.0	23.0	110	115	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.5	22.8	112	114	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.8	20.5	99	103	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.1	20.9	105	105	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.4	21.0	102	105	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.5	22.4	108	112	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.5	23.4	117	117	70-149	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.5	21.6	107	108	70-135	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.7	20.4	98	102	71-137	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.6	21.8	108	109	65-134	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.1	21.9	106	110	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	21.1	101	105	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.2	20.2	101	101	70-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.9	22.8	110	114	70-135	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.2	20.6	101	103	70-143	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.0	22.3	105	111	70-133	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.2	22.3	111	111	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	40	40	37.1	37.9	93	95	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	20.6	21.2	103	106	70-144	2	30	
2-Hexanone	ug/L	ND	40	40	41.6	41.9	104	105	65-138	1	30	
4-Chlorotoluene	ug/L	ND	20	20	20.4	21.7	102	108	70-137	6	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.1	39.4	98	98	65-135	1	30	
Acetone	ug/L	ND	40	40	37.5	38.7	86	89	60-148	3	30	
Benzene	ug/L	ND	20	20	21.3	21.4	106	107	70-151	1	30	
Bromobenzene	ug/L	ND	20	20	21.0	21.8	105	109	70-136	4	30	
Bromochloromethane	ug/L	ND	20	20	21.2	21.2	106	106	70-141	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	20.7	103	104	70-138	1	30	
Bromoform	ug/L	ND	20	20	21.3	22.2	107	111	63-130	4	30	
Bromomethane	ug/L	ND	20	20	16.7	17.2	83	86	15-152	3	30	
Carbon tetrachloride	ug/L	ND	20	20	23.1	22.5	116	113	70-143	3	30	
Chlorobenzene	ug/L	ND	20	20	21.9	22.0	109	110	70-138	1	30	
Chloroethane	ug/L	ND	20	20	19.9	20.1	99	100	52-163	1	30	
Chloroform	ug/L	ND	20	20	22.5	21.6	112	108	70-139	4	30	
Chloromethane	ug/L	ND	20	20	20.2	20.8	101	104	41-139	3	30	
cis-1,2-Dichloroethene	ug/L	3.7	20	20	24.1	23.5	102	99	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.6	20.8	103	104	70-137	1	30	
Dibromochloromethane	ug/L	ND	20	20	20.8	21.5	104	108	70-134	4	30	
Dibromomethane	ug/L	ND	20	20	21.9	21.7	110	109	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	30.2	30.5	151	153	47-155	1	30	IH
Diisopropyl ether	ug/L	ND	20	20	17.9	18.9	89	94	63-144	5	30	
Ethylbenzene	ug/L	ND	20	20	21.1	21.5	106	108	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.4	23.8	127	119	65-149	7	30	
m&p-Xylene	ug/L	ND	40	40	43.5	43.7	109	109	69-152	0	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: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971973 3971974

Parameter	Units	92659515005 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	19.6	18.6	98	93	54-156	5	30	
Methylene Chloride	ug/L	ND	20	20	18.5	18.0	92	89	42-159	3	30	
Naphthalene	ug/L	ND	20	20	22.0	22.7	110	114	61-148	3	30	
o-Xylene	ug/L	ND	20	20	21.4	22.0	107	110	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.8	23.5	114	117	70-146	3	30	
Styrene	ug/L	ND	20	20	22.3	22.3	111	112	70-135	0	30	
Tetrachloroethene	ug/L	ND	20	20	23.0	23.1	115	115	59-143	0	30	
Toluene	ug/L	ND	20	20	20.6	21.0	103	104	59-148	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	20.5	102	102	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.0	21.2	105	106	70-135	1	30	
Trichloroethene	ug/L	14.2	20	20	38.0	37.7	119	118	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.8	23.2	114	116	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	39.9	39.4	100	99	49-151	1	30	
Vinyl chloride	ug/L	ND	20	20	17.4	17.8	86	88	70-156	3	30	
Xylene (Total)	ug/L	ND	60	60	64.9	65.7	108	110	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						99	97	70-130			
4-Bromofluorobenzene (S)	%						99	98	70-130			
Toluene-d8 (S)	%						98	96	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 765256
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92658966007, 92658966012

METHOD BLANK: 3973580 Matrix: Water
Associated Lab Samples: 92658966007, 92658966012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/31/23 15:38	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/31/23 15:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/31/23 15:38	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/31/23 15:38	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/31/23 15:38	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/31/23 15:38	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/31/23 15:38	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/31/23 15:38	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/31/23 15:38	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/31/23 15:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/31/23 15:38	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 15:38	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/31/23 15:38	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/31/23 15:38	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 15:38	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/31/23 15:38	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/31/23 15:38	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/31/23 15:38	v1
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/31/23 15:38	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 15:38	
2-Hexanone	ug/L	ND	5.0	0.48	03/31/23 15:38	v1
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 15:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/31/23 15:38	
Acetone	ug/L	ND	25.0	5.1	03/31/23 15:38	
Benzene	ug/L	ND	1.0	0.34	03/31/23 15:38	
Bromobenzene	ug/L	ND	1.0	0.29	03/31/23 15:38	
Bromochloromethane	ug/L	ND	1.0	0.47	03/31/23 15:38	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/31/23 15:38	
Bromoform	ug/L	ND	1.0	0.34	03/31/23 15:38	
Bromomethane	ug/L	ND	2.0	1.7	03/31/23 15:38	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/31/23 15:38	
Chlorobenzene	ug/L	ND	1.0	0.28	03/31/23 15:38	
Chloroethane	ug/L	ND	1.0	0.65	03/31/23 15:38	
Chloroform	ug/L	ND	1.0	0.43	03/31/23 15:38	
Chloromethane	ug/L	ND	1.0	0.54	03/31/23 15:38	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/31/23 15:38	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 15:38	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/31/23 15:38	
Dibromomethane	ug/L	ND	1.0	0.39	03/31/23 15:38	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/31/23 15:38	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

METHOD BLANK: 3973580 Matrix: Water
Associated Lab Samples: 92658966007, 92658966012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/31/23 15:38	
Ethylbenzene	ug/L	ND	1.0	0.30	03/31/23 15:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/31/23 15:38	v1
m&p-Xylene	ug/L	ND	2.0	0.71	03/31/23 15:38	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/31/23 15:38	
Methylene Chloride	ug/L	ND	5.0	2.0	03/31/23 15:38	
Naphthalene	ug/L	ND	1.0	0.64	03/31/23 15:38	IH
o-Xylene	ug/L	ND	1.0	0.34	03/31/23 15:38	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/31/23 15:38	
Styrene	ug/L	ND	1.0	0.29	03/31/23 15:38	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/31/23 15:38	
Toluene	ug/L	ND	1.0	0.48	03/31/23 15:38	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/31/23 15:38	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 15:38	
Trichloroethene	ug/L	ND	1.0	0.38	03/31/23 15:38	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/31/23 15:38	
Vinyl acetate	ug/L	ND	2.0	1.3	03/31/23 15:38	
Vinyl chloride	ug/L	ND	1.0	0.39	03/31/23 15:38	
Xylene (Total)	ug/L	ND	1.0	0.34	03/31/23 15:38	
1,2-Dichloroethane-d4 (S)	%	93	70-130		03/31/23 15:38	
4-Bromofluorobenzene (S)	%	96	70-130		03/31/23 15:38	
Toluene-d8 (S)	%	100	70-130		03/31/23 15:38	

LABORATORY CONTROL SAMPLE: 3973581

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.3	101	70-130	
1,1,1-Trichloroethane	ug/L	20	19.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.8	99	70-130	
1,1,2-Trichloroethane	ug/L	20	20.1	101	70-130	
1,1-Dichloroethane	ug/L	20	18.9	94	70-130	
1,1-Dichloroethene	ug/L	20	19.3	97	70-130	
1,1-Dichloropropene	ug/L	20	20.6	103	70-130	
1,2,3-Trichlorobenzene	ug/L	20	22.4	112	70-130	
1,2,3-Trichloropropane	ug/L	20	19.4	97	70-130	
1,2,4-Trichlorobenzene	ug/L	20	22.1	110	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.8	94	70-130	
1,2-Dichlorobenzene	ug/L	20	19.9	99	70-130	
1,2-Dichloroethane	ug/L	20	19.3	96	70-130	
1,2-Dichloropropane	ug/L	20	20.2	101	70-130	
1,3-Dichlorobenzene	ug/L	20	20.5	102	70-130	
1,3-Dichloropropane	ug/L	20	19.1	96	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	22.2	111	70-130	v1

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

LABORATORY CONTROL SAMPLE: 3973581

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	40.1	100	70-130	
2-Chlorotoluene	ug/L	20	19.7	99	70-130	
2-Hexanone	ug/L	40	43.8	110	70-130	v1
4-Chlorotoluene	ug/L	20	20.1	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	41.4	103	70-130	
Acetone	ug/L	40	38.6	96	70-130	
Benzene	ug/L	20	19.7	99	70-130	
Bromobenzene	ug/L	20	19.7	98	70-130	
Bromochloromethane	ug/L	20	19.9	99	70-130	
Bromodichloromethane	ug/L	20	19.4	97	70-130	
Bromoform	ug/L	20	19.2	96	70-130	
Bromomethane	ug/L	20	15.0	75	70-130	
Carbon tetrachloride	ug/L	20	19.7	98	70-130	
Chlorobenzene	ug/L	20	19.9	99	70-130	
Chloroethane	ug/L	20	22.1	111	70-130	
Chloroform	ug/L	20	18.8	94	70-130	
Chloromethane	ug/L	20	21.2	106	70-130	
cis-1,2-Dichloroethene	ug/L	20	19.0	95	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Dibromochloromethane	ug/L	20	19.6	98	70-130	
Dibromomethane	ug/L	20	20.5	102	70-130	
Dichlorodifluoromethane	ug/L	20	23.6	118	70-130	
Diisopropyl ether	ug/L	20	18.7	93	70-130	
Ethylbenzene	ug/L	20	19.6	98	70-130	
Hexachloro-1,3-butadiene	ug/L	20	22.8	114	70-130	v1
m&p-Xylene	ug/L	40	40.4	101	70-130	
Methyl-tert-butyl ether	ug/L	20	18.4	92	70-130	
Methylene Chloride	ug/L	20	16.9	85	70-130	
Naphthalene	ug/L	20	22.3	111	70-130	IH
o-Xylene	ug/L	20	19.8	99	70-130	
p-Isopropyltoluene	ug/L	20	21.7	109	70-130	
Styrene	ug/L	20	20.5	102	70-130	
Tetrachloroethene	ug/L	20	19.1	95	70-130	
Toluene	ug/L	20	19.1	95	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.7	99	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.4	102	70-130	
Trichloroethene	ug/L	20	20.6	103	70-130	
Trichlorofluoromethane	ug/L	20	19.9	99	70-130	
Vinyl acetate	ug/L	40	39.4	99	70-130	
Vinyl chloride	ug/L	20	18.3	92	70-130	
Xylene (Total)	ug/L	60	60.2	100	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973582 3973583

Parameter	Units	92658966007 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	250	250	18.0	19.4	7	8	73-134	7	30	M1
1,1,1-Trichloroethane	ug/L	ND	250	250	16.5	17.3	7	7	82-143	5	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	250	250	19.4	19.7	8	8	70-136	2	30	M1
1,1,2-Trichloroethane	ug/L	ND	250	250	19.2	19.1	8	8	70-135	0	30	M1
1,1-Dichloroethane	ug/L	ND	250	250	17.9	18.1	7	7	70-139	1	30	M1
1,1-Dichloroethene	ug/L	ND	250	250	18.7	17.7	7	7	70-154	6	30	M1
1,1-Dichloropropene	ug/L	ND	250	250	15.5	16.0	6	6	70-149	3	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	250	250	20.9	24.0	8	10	70-135	14	30	M1
1,2,3-Trichloropropane	ug/L	ND	250	250	15.1	18.0	6	7	71-137	17	30	M1
1,2,4-Trichlorobenzene	ug/L	ND	250	250	21.1	22.5	8	9	73-140	6	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	250	250	22.1J	22.8J	9	9	65-134		30	M1
1,2-Dichlorobenzene	ug/L	ND	250	250	19.3	20.7	8	8	70-133	7	30	M1
1,2-Dichloroethane	ug/L	ND	250	250	19.5	19.4	8	8	70-137	0	30	M1
1,2-Dichloropropane	ug/L	ND	250	250	17.6	17.8	7	7	70-140	1	30	M1
1,3-Dichlorobenzene	ug/L	ND	250	250	20.8	20.5	8	8	70-135	1	30	M1
1,3-Dichloropropane	ug/L	ND	250	250	18.2	18.7	7	7	70-143	3	30	M1
1,4-Dichlorobenzene	ug/L	ND	250	250	20.1	20.3	8	8	70-133	1	30	M1
2,2-Dichloropropane	ug/L	ND	250	250	18.3	17.6	7	7	61-148	4	30	M1,v1
2-Butanone (MEK)	ug/L	ND	500	500	ND	ND	9	9	60-139		30	M1
2-Chlorotoluene	ug/L	ND	250	250	28.5	29.5	11	12	70-144	3	30	M1
2-Hexanone	ug/L	ND	500	500	37.3J	39.1J	7	8	65-138		30	M1,v1
4-Chlorotoluene	ug/L	ND	250	250	19.0	19.6	8	8	70-137	3	30	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	500	500	40.2J	40.2J	8	8	65-135		30	M1
Acetone	ug/L	210J	500	500	225J	231J	3	4	60-148		30	M1
Benzene	ug/L	134	250	250	158	160	10	10	70-151	1	30	M1
Bromobenzene	ug/L	ND	250	250	20.2	19.9	8	8	70-136	2	30	M1
Bromochloromethane	ug/L	ND	250	250	18.1	18.8	7	8	70-141	4	30	M1
Bromodichloromethane	ug/L	ND	250	250	17.3	18.1	7	7	70-138	4	30	M1
Bromoform	ug/L	ND	250	250	17.8	17.4	7	7	63-130	2	30	M1
Bromomethane	ug/L	ND	250	250	ND	ND	4	5	15-152		30	M1
Carbon tetrachloride	ug/L	ND	250	250	18.3	20.8	7	8	70-143	13	30	M1
Chlorobenzene	ug/L	ND	250	250	20.1	20.3	8	8	70-138	1	30	M1
Chloroethane	ug/L	ND	250	250	17.2	20.5	7	8	52-163	18	30	M1
Chloroform	ug/L	ND	250	250	17.7	18.8	7	8	70-139	6	30	M1
Chloromethane	ug/L	ND	250	250	18.6	18.8	7	8	41-139	1	30	M1
cis-1,2-Dichloroethene	ug/L	ND	250	250	19.2	19.0	8	8	70-141	1	30	M1
cis-1,3-Dichloropropene	ug/L	ND	250	250	17.2	16.6	7	7	70-137	3	30	M1
Dibromochloromethane	ug/L	ND	250	250	17.1	17.3	7	7	70-134	1	30	M1
Dibromomethane	ug/L	ND	250	250	19.7	20.4	8	8	70-138	3	30	M1
Dichlorodifluoromethane	ug/L	ND	250	250	19.8	20.0	8	8	47-155	1	30	M1
Diisopropyl ether	ug/L	ND	250	250	20.0	21.1	7	7	63-144	6	30	M1
Ethylbenzene	ug/L	142	250	250	169	171	11	12	66-153	1	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	250	250	19.7J	21.1J	8	8	65-149		30	M1,v1
m&p-Xylene	ug/L	450	500	500	509	521	12	14	69-152	2	30	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973582 3973583

Parameter	Units	92658966007 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	250	250	17.5	17.0	7	7	54-156	3	30	M1
Methylene Chloride	ug/L	ND	250	250	ND	ND	0	0	42-159		30	M1
Naphthalene	ug/L	1860	250	250	1910	2100	21	97	61-148	9	30	IH,M1
o-Xylene	ug/L	251	250	250	284	293	13	17	70-148	3	30	M1
p-Isopropyltoluene	ug/L	ND	250	250	21.4	22.2	9	9	70-146	3	30	M1
Styrene	ug/L	47.7	250	250	69.5	72.5	9	10	70-135	4	30	M1
Tetrachloroethene	ug/L	ND	250	250	17.9	18.4	7	7	59-143	3	30	M1
Toluene	ug/L	737	250	250	782	792	18	22	59-148	1	30	M1
trans-1,2-Dichloroethene	ug/L	ND	250	250	17.6	18.1	7	7	70-146	3	30	M1
trans-1,3-Dichloropropene	ug/L	ND	250	250	16.6	16.5	7	7	70-135	1	30	M1
Trichloroethene	ug/L	ND	250	250	16.7	17.4	7	7	70-147	4	30	M1
Trichlorofluoromethane	ug/L	ND	250	250	15.6	17.0	6	7	70-148	9	30	M1
Vinyl acetate	ug/L	ND	500	500	31.6	32.4	6	6	49-151	3	30	M1
Vinyl chloride	ug/L	ND	250	250	13.9	14.3	6	6	70-156	3	30	M1
Xylene (Total)	ug/L	702	750	750	793	814	12	15	63-158	3	30	MS
1,2-Dichloroethane-d4 (S)	%						93	93	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 765086 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92658966001, 92658966002, 92658966003, 92658966004, 92658966005, 92658966006, 92658966007, 92658966008, 92658966009, 92658966010, 92658966011, 92658966012, 92658966013, 92658966014

METHOD BLANK: 3972687 Matrix: Water

Associated Lab Samples: 92658966001, 92658966002, 92658966003, 92658966004, 92658966005, 92658966006, 92658966007, 92658966008, 92658966009, 92658966010, 92658966011, 92658966012, 92658966013, 92658966014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/31/23 20:16	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/31/23 20:16	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/31/23 20:16	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/31/23 20:16	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/31/23 20:16	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/31/23 20:16	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/31/23 20:16	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/31/23 20:16	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/31/23 20:16	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/31/23 20:16	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/31/23 20:16	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/31/23 20:16	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/31/23 20:16	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/31/23 20:16	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/31/23 20:16	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/31/23 20:16	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/31/23 20:16	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/31/23 20:16	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/31/23 20:16	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/31/23 20:16	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/31/23 20:16	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/31/23 20:16	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/31/23 20:16	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/31/23 20:16	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/31/23 20:16	
Acenaphthene	ug/L	ND	10.0	2.0	03/31/23 20:16	
Acenaphthylene	ug/L	ND	10.0	2.0	03/31/23 20:16	
Aniline	ug/L	ND	10.0	1.6	03/31/23 20:16	
Anthracene	ug/L	ND	10.0	2.3	03/31/23 20:16	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/31/23 20:16	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/31/23 20:16	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/31/23 20:16	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/31/23 20:16	
Benzoic Acid	ug/L	ND	50.0	22.0	03/31/23 20:16	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/31/23 20:16	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/31/23 20:16	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/31/23 20:16	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/31/23 20:16	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/31/23 20:16	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

METHOD BLANK: 3972687 Matrix: Water

Associated Lab Samples: 92658966001, 92658966002, 92658966003, 92658966004, 92658966005, 92658966006, 92658966007, 92658966008, 92658966009, 92658966010, 92658966011, 92658966012, 92658966013, 92658966014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	03/31/23 20:16	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/31/23 20:16	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/31/23 20:16	v1
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/31/23 20:16	
Dibenzofuran	ug/L	ND	10.0	2.1	03/31/23 20:16	
Diethylphthalate	ug/L	ND	10.0	2.0	03/31/23 20:16	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/31/23 20:16	
Fluoranthene	ug/L	ND	10.0	2.2	03/31/23 20:16	
Fluorene	ug/L	ND	10.0	2.1	03/31/23 20:16	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/31/23 20:16	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/31/23 20:16	
Hexachloroethane	ug/L	ND	10.0	1.4	03/31/23 20:16	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/31/23 20:16	
Isophorone	ug/L	ND	10.0	1.7	03/31/23 20:16	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/31/23 20:16	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/31/23 20:16	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/31/23 20:16	
Nitrobenzene	ug/L	ND	10.0	1.9	03/31/23 20:16	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/31/23 20:16	
Phenanthrene	ug/L	ND	10.0	2.0	03/31/23 20:16	
Phenol	ug/L	ND	10.0	1.4	03/31/23 20:16	
Pyrene	ug/L	ND	10.0	2.2	03/31/23 20:16	
2,4,6-Tribromophenol (S)	%	97	10-164		03/31/23 20:16	
2-Fluorobiphenyl (S)	%	78	10-130		03/31/23 20:16	
2-Fluorophenol (S)	%	67	10-130		03/31/23 20:16	
Nitrobenzene-d5 (S)	%	90	10-138		03/31/23 20:16	
Phenol-d6 (S)	%	56	10-130		03/31/23 20:16	
Terphenyl-d14 (S)	%	96	19-191		03/31/23 20:16	

LABORATORY CONTROL SAMPLE: 3972688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	39.6	79	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	35.0	70	21-135	
2,4,5-Trichlorophenol	ug/L	50	44.6	89	38-147	
2,4,6-Trichlorophenol	ug/L	50	44.0	88	34-142	
2,4-Dichlorophenol	ug/L	50	43.5	87	36-136	
2,4-Dimethylphenol	ug/L	50	67.2	134	38-134	
2,4-Dinitrophenol	ug/L	250	202	81	10-169	
2,4-Dinitrotoluene	ug/L	50	44.2	88	44-154	
2,6-Dinitrotoluene	ug/L	50	43.3	87	44-156	
2-Chloronaphthalene	ug/L	50	38.8	78	25-130	
2-Chlorophenol	ug/L	50	40.1	80	29-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

LABORATORY CONTROL SAMPLE: 3972688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	37.4	75	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	40.5	81	31-130	
2-Nitroaniline	ug/L	100	80.4	80	39-145	
2-Nitrophenol	ug/L	50	43.9	88	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.0	78	30-130	
3,3'-Dichlorobenzidine	ug/L	100	83.1	83	44-158	
3-Nitroaniline	ug/L	100	83.9	84	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	90.2	90	39-158	
4-Bromophenylphenyl ether	ug/L	50	40.9	82	47-147	
4-Chloro-3-methylphenol	ug/L	100	84.4	84	40-138	
4-Chloroaniline	ug/L	100	75.0	75	35-130	
4-Chlorophenylphenyl ether	ug/L	50	39.9	80	36-139	
4-Nitroaniline	ug/L	100	83.7	84	46-157	
4-Nitrophenol	ug/L	250	143	57	17-130	
Acenaphthene	ug/L	50	40.3	81	34-135	
Acenaphthylene	ug/L	50	40.4	81	35-137	
Aniline	ug/L	50	22.0	44	25-130	
Anthracene	ug/L	50	37.9	76	47-146	
Benzo(a)anthracene	ug/L	50	41.5	83	48-160	
Benzo(b)fluoranthene	ug/L	50	41.2	82	49-171	
Benzo(g,h,i)perylene	ug/L	50	41.5	83	46-166	
Benzo(k)fluoranthene	ug/L	50	40.1	80	55-162	
Benzoic Acid	ug/L	250	135	54	10-130	
Benzyl alcohol	ug/L	100	77.3	77	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	40.6	81	33-136	
bis(2-Chloroethyl) ether	ug/L	50	39.2	78	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	45.4	91	46-173	
Butylbenzylphthalate	ug/L	50	47.5	95	53-169	
Chrysene	ug/L	50	41.1	82	54-152	
Di-n-butylphthalate	ug/L	50	43.6	87	49-161	
Di-n-octylphthalate	ug/L	50	48.9	98	50-166	v1
Dibenz(a,h)anthracene	ug/L	50	42.5	85	46-166	
Dibenzofuran	ug/L	50	39.9	80	37-136	
Diethylphthalate	ug/L	50	41.8	84	45-149	
Dimethylphthalate	ug/L	50	41.4	83	43-145	
Fluoranthene	ug/L	50	42.2	84	50-153	
Fluorene	ug/L	50	41.0	82	42-142	
Hexachlorobenzene	ug/L	50	39.5	79	44-138	
Hexachlorocyclopentadiene	ug/L	50	38.0	76	10-130	
Hexachloroethane	ug/L	50	24.1	48	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.7	85	46-166	
Isophorone	ug/L	50	42.8	86	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	42.1	84	33-140	
N-Nitrosodimethylamine	ug/L	50	36.6	73	24-130	
N-Nitrosodiphenylamine	ug/L	50	39.8	80	46-144	
Nitrobenzene	ug/L	50	40.3	81	33-133	
Pentachlorophenol	ug/L	100	88.9	89	21-163	

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: Bramlette MGP J23030238
Pace Project No.: 92658966

LABORATORY CONTROL SAMPLE: 3972688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	39.9	80	47-146	
Phenol	ug/L	50	27.1	54	19-130	
Pyrene	ug/L	50	41.2	82	53-155	
2,4,6-Tribromophenol (S)	%			92	10-164	
2-Fluorobiphenyl (S)	%			72	10-130	
2-Fluorophenol (S)	%			62	10-130	
Nitrobenzene-d5 (S)	%			79	10-138	
Phenol-d6 (S)	%			52	10-130	
Terphenyl-d14 (S)	%			82	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972689 3972690

Parameter	Units	92658966001 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	170	83.3	83.3	434	400	316	277	10-131	8	30	M1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	83.3	83.3	56.1	59.0	67	71	11-143	5	30	
2,4,5-Trichlorophenol	ug/L	ND	83.3	83.3	86.3	89.3	104	107	10-170	3	30	
2,4,6-Trichlorophenol	ug/L	ND	83.3	83.3	80.6	90.7	97	109	10-166	12	30	
2,4-Dichlorophenol	ug/L	ND	83.3	83.3	73.8	81.7	89	98	10-153	10	30	
2,4-Dimethylphenol	ug/L	21.6	83.3	83.3	141	153	143	157	20-147	8	30	M1
2,4-Dinitrophenol	ug/L	ND	417	417	494	515	119	123	10-172	4	30	v1
2,4-Dinitrotoluene	ug/L	ND	83.3	83.3	90.3	96.1	108	115	30-164	6	30	
2,6-Dinitrotoluene	ug/L	ND	83.3	83.3	84.5	88.9	101	107	31-163	5	30	
2-Chloronaphthalene	ug/L	ND	83.3	83.3	53.4	49.6	64	59	15-134	8	30	
2-Chlorophenol	ug/L	ND	83.3	83.3	68.7	73.2	82	88	10-139	6	30	
2-Methylnaphthalene	ug/L	53.0	83.3	83.3	152	145	119	111	12-130	4	30	
2-Methylphenol(o-Cresol)	ug/L	ND	83.3	83.3	73.7	82.3	88	99	19-132	11	30	
2-Nitroaniline	ug/L	ND	167	167	169	177	102	106	23-154	4	30	
2-Nitrophenol	ug/L	ND	83.3	83.3	76.3	84.0	92	101	10-159	10	30	
3&4-Methylphenol(m&p Cresol)	ug/L	2.2J	83.3	83.3	71.8	80.8	83	94	13-136	12	30	
3,3'-Dichlorobenzidine	ug/L	ND	167	167	46.3	52.2	28	31	10-178	12	30	
3-Nitroaniline	ug/L	ND	167	167	172	181	103	109	20-166	5	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	167	167	186	193	111	116	10-187	4	30	
4-Bromophenylphenyl ether	ug/L	ND	83.3	83.3	72.8	79.1	87	95	31-157	8	30	
4-Chloro-3-methylphenol	ug/L	ND	167	167	165	178	99	107	27-146	8	30	
4-Chloroaniline	ug/L	ND	167	167	92.9	110	56	66	13-143	17	30	
4-Chlorophenylphenyl ether	ug/L	ND	83.3	83.3	72.3	78.4	87	94	23-149	8	30	
4-Nitroaniline	ug/L	ND	167	167	188	189	113	114	24-171	1	30	
4-Nitrophenol	ug/L	ND	417	417	303	330	73	79	10-130	8	30	
Acenaphthene	ug/L	22.0	83.3	83.3	114	109	111	105	21-147	5	30	
Acenaphthylene	ug/L	85.5	83.3	83.3	245	233	192	176	19-150	5	30	M1
Aniline	ug/L	ND	83.3	83.3	22.6	28.2	27	34	10-130	22	30	
Anthracene	ug/L	2.2J	83.3	83.3	82.6	84.7	97	99	36-152	2	30	
Benzo(a)anthracene	ug/L	ND	83.3	83.3	83.7	88.2	100	106	42-163	5	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972689 3972690

Parameter	Units	92658966001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(b)fluoranthene	ug/L	ND	83.3	83.3	79.1	79.6	95	96	40-177	1	30	
Benzo(g,h,i)perylene	ug/L	ND	83.3	83.3	102	106	123	127	38-174	3	30	
Benzo(k)fluoranthene	ug/L	ND	83.3	83.3	81.3	82.9	98	100	41-171	2	30	
Benzoic Acid	ug/L	ND	417	417	293	344	70	83	10-130	16	30	
Benzyl alcohol	ug/L	ND	167	167	136	154	82	93	18-141	13	30	
bis(2-Chloroethoxy)methane	ug/L	ND	83.3	83.3	69.7	77.1	84	92	19-146	10	30	
bis(2-Chloroethyl) ether	ug/L	ND	83.3	83.3	72.6	75.5	87	91	19-151	4	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	83.3	83.3	87.9	92.9	105	111	42-168	5	30	
Butylbenzylphthalate	ug/L	ND	83.3	83.3	85.2	92.8	102	111	42-177	9	30	
Chrysene	ug/L	ND	83.3	83.3	83.8	86.0	101	103	43-159	3	30	
Di-n-butylphthalate	ug/L	ND	83.3	83.3	86.7	92.1	104	110	42-160	6	30	
Di-n-octylphthalate	ug/L	ND	83.3	83.3	99.6	105	120	126	42-171	5	30	
Dibenz(a,h)anthracene	ug/L	ND	83.3	83.3	102	104	122	124	40-171	2	30	
Dibenzofuran	ug/L	6.1J	83.3	83.3	83.3	83.6	93	93	23-147	0	30	
Diethylphthalate	ug/L	ND	83.3	83.3	86.9	88.8	104	107	33-157	2	30	
Dimethylphthalate	ug/L	ND	83.3	83.3	80.6	86.0	97	103	27-154	6	30	
Fluoranthene	ug/L	ND	83.3	83.3	93.8	96.1	113	115	42-157	2	30	
Fluorene	ug/L	21.0	83.3	83.3	125	126	125	127	25-155	1	30	
Hexachlorobenzene	ug/L	ND	83.3	83.3	71.2	77.5	85	93	32-145	8	30	
Hexachlorocyclopentadiene	ug/L	ND	83.3	83.3	34.9	33.0	42	40	10-130	6	30	
Hexachloroethane	ug/L	ND	83.3	83.3	40.8	39.7	49	48	10-130	3	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	83.3	83.3	100	104	120	125	39-174	4	30	
Isophorone	ug/L	ND	83.3	83.3	76.4	83.9	92	101	19-146	9	30	
N-Nitroso-di-n-propylamine	ug/L	ND	83.3	83.3	75.5	83.2	91	100	20-150	10	30	
N-Nitrosodimethylamine	ug/L	ND	83.3	83.3	59.6	67.4	72	81	13-130	12	30	
N-Nitrosodiphenylamine	ug/L	ND	83.3	83.3	76.8	80.3	92	96	33-149	4	30	
Nitrobenzene	ug/L	ND	83.3	83.3	67.2	71.9	81	86	19-145	7	30	
Pentachlorophenol	ug/L	ND	167	167	185	187	111	112	10-188	1	30	
Phenanthrene	ug/L	17.3	83.3	83.3	124	121	128	124	38-150	3	30	
Phenol	ug/L	1.9J	83.3	83.3	49.3	57.5	57	67	10-130	15	30	
Pyrene	ug/L	ND	83.3	83.3	78.6	82.8	94	99	42-163	5	30	
2,4,6-Tribromophenol (S)	%						97	102	10-164			
2-Fluorobiphenyl (S)	%						72	69	10-130			
2-Fluorophenol (S)	%						62	67	10-130			
Nitrobenzene-d5 (S)	%						82	84	10-138			
Phenol-d6 (S)	%						53	60	10-130			
Terphenyl-d14 (S)	%						89	91	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

QC Batch: 764500
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: 92658966001, 92658966002, 92658966004, 92658966005, 92658966006, 92658966007, 92658966008, 92658966009, 92658966010, 92658966011, 92658966012, 92658966013, 92658966014

METHOD BLANK: 3969854 Matrix: Water
Associated Lab Samples: 92658966001, 92658966002, 92658966004, 92658966005, 92658966006, 92658966007, 92658966008, 92658966009, 92658966010, 92658966011, 92658966012, 92658966013, 92658966014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/23 10:24	
2-Fluorobiphenyl (S)	%	104	61-194		03/30/23 10:24	
Nitrobenzene-d5 (S)	%	94	69-194		03/30/23 10:24	
Terphenyl-d14 (S)	%	111	69-180		03/30/23 10:24	

LABORATORY CONTROL SAMPLE: 3969855

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.8	112	70-130	
2-Fluorobiphenyl (S)	%			104	61-194	
Nitrobenzene-d5 (S)	%			92	69-194	
Terphenyl-d14 (S)	%			99	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969856 3969857

Parameter	Units	92658966001 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	0.053J	2.5	2.4	2.9	2.8	113	115	11-178	2	30	
2-Fluorobiphenyl (S)	%						71	78	61-194			
Nitrobenzene-d5 (S)	%						60	119	69-194			S2
Terphenyl-d14 (S)	%						93	98	69-180			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

QC Batch: 764831
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: 92658966003

METHOD BLANK: 3971335 Matrix: Water
Associated Lab Samples: 92658966003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/23 18:24	
2-Fluorobiphenyl (S)	%	91	61-194		03/30/23 18:24	
Nitrobenzene-d5 (S)	%	77	69-194		03/30/23 18:24	
Terphenyl-d14 (S)	%	90	69-180		03/30/23 18:24	

LABORATORY CONTROL SAMPLE: 3971336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	97	70-130	
2-Fluorobiphenyl (S)	%			89	61-194	
Nitrobenzene-d5 (S)	%			78	69-194	
Terphenyl-d14 (S)	%			83	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971337 3971338

Parameter	Units	92659546007 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	4.6	5.7	4.8	115	104	11-178	19	30	
2-Fluorobiphenyl (S)	%						79	72	61-194			
Nitrobenzene-d5 (S)	%						86	79	69-194			
Terphenyl-d14 (S)	%						100	92	69-180			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

QC Batch: 764334
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92658966006

METHOD BLANK: 3969154 Matrix: Water
Associated Lab Samples: 92658966006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/28/23 18:47	

LABORATORY CONTROL SAMPLE: 3969155

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.3	99	80-120	

LABORATORY CONTROL SAMPLE: 3969156

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969157 3969158

Parameter	Units	92657841002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	65.7	50	50	114	116	97	101	80-120	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969159 3969160

Parameter	Units	92657841003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	71.5	50	50	126	125	108	107	80-120	1	25	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92658966

QC Batch: 765279
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658966005, 92658966007

METHOD BLANK: 3973695 Matrix: Water
Associated Lab Samples: 92658966005, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/31/23 20:45	

LABORATORY CONTROL SAMPLE: 3973696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.7	101	80-120	

LABORATORY CONTROL SAMPLE: 3973697

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.3	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973698 3973699

Parameter	Units	92659633001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	88.8	50	50	116	118	54	58	80-120	2	25	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 765059
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: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3972639 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	03/31/23 02:35	

LABORATORY CONTROL SAMPLE: 3972640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.56	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972641 3972642

Parameter	Units	92659613001 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	0.57	108	112	80-120	4	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972643 3972644

Parameter	Units	92659555010 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	0.54	0.57	108	113	80-120	5	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764108
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: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3968100 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/27/23 21:34	

LABORATORY CONTROL SAMPLE: 3968101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	50.7	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3968102 3968103

Parameter	Units	92658966005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	118	50	50	163	165	89	94	90-110	1	10	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764473
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3969756 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	03/29/23 12:35	

LABORATORY CONTROL SAMPLE: 3969757

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	4.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969758 3969759

Parameter	Units	92658483005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.3	5.3	105	105	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969760 3969761

Parameter	Units	92658483006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	0.10	5	5	5.2	5.2	101	102	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764484
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3969806 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	03/29/23 14:17	

LABORATORY CONTROL SAMPLE: 3969807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.4	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969808 3969809

Parameter	Units	92658931001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.36	2.5	2.5	2.7	2.7	95	95	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969810 3969811

Parameter	Units	92658966005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.023J	2.5	2.5	2.3	2.3	91	92	90-110	2	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

QC Batch: 764336
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92658966005, 92658966006, 92658966007

METHOD BLANK: 3969163 Matrix: Water
Associated Lab Samples: 92658966005, 92658966006, 92658966007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	03/29/23 03:23	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/29/23 03:23	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/29/23 03:23	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/29/23 03:23	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/29/23 03:23	

LABORATORY CONTROL SAMPLE: 3969164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.4	94	75-125	
Total Organic Carbon	mg/L	25	22.9	92	75-125	
Total Organic Carbon	mg/L	25	23.2	93	75-125	
Total Organic Carbon	mg/L	25	23.8	95	75-125	
Total Organic Carbon	mg/L	25	23.7	95	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969165 3969166

Parameter	Units	92658966005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	22.1	25	25	45.5	45.5	94	94	75-125	0	25	
Total Organic Carbon	mg/L	21.8	25	25	44.6	45.1	91	93	75-125	1	25	
Total Organic Carbon	mg/L	22.4	25	25	46.5	46.1	96	95	75-125	1	25	
Total Organic Carbon	mg/L	22.0	25	25	45.1	45.2	92	93	75-125	0	25	
Total Organic Carbon	mg/L	22.2	25	25	45.8	45.5	94	93	75-125	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3969167 3969168

Parameter	Units	92658417008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	41.7	25	25	66.0	65.1	97	94	75-125	1	25	
Total Organic Carbon	mg/L	43.0	25	25	65.8	64.9	91	88	75-125	1	25	
Total Organic Carbon	mg/L	41.4	25	25	66.0	64.4	99	92	75-125	3	25	
Total Organic Carbon	mg/L	41.4	25	25	66.8	65.9	101	98	75-125	1	25	
Total Organic Carbon	mg/L	41.0	25	25	65.4	65.3	98	97	75-125	0	25	

Results presented on this page are in 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: Bramlette MGP J23030238
Pace Project No.: 92658966

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
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: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658966005	**MW-45BR-20230324**	RSK 175 Modified	764274		
92658966006	**MW-46BR-20230324**	RSK 175 Modified	764274		
92658966007	**MW-47BR-20230324**	RSK 175 Modified	764274		
92658966005	**MW-45BR-20230324**	EPA 3010A	764187	EPA 6010D	764312
92658966006	**MW-46BR-20230324**	EPA 3010A	764187	EPA 6010D	764312
92658966007	**MW-47BR-20230324**	EPA 3010A	764187	EPA 6010D	764312
92658966005	**MW-45BR-20230324**	EPA 3010A	764601	EPA 6010D	764618
92658966006	**MW-46BR-20230324**	EPA 3010A	764601	EPA 6010D	764618
92658966007	**MW-47BR-20230324**	EPA 3010A	764601	EPA 6010D	764618
92658966001	**MW-3BRL-20230324-MS/MSD**	EPA 3510C	765086	EPA 8270E	765306
92658966002	**MW-31S-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966003	**DUP-04-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966004	**MW-31TZ-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966005	**MW-45BR-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966006	**MW-46BR-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966007	**MW-47BR-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966008	**MW-32TZ-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966009	**MW-32S-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966010	**MW-50S-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966011	**MW-21BR-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966012	**MW-21BRL-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966013	**MW-50TZ-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966014	**EB-05-20230324**	EPA 3510C	765086	EPA 8270E	765306
92658966001	**MW-3BRL-20230324-MS/MSD**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966002	**MW-31S-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966003	**DUP-04-20230324**	EPA 3511	764831	EPA 8270E by SIM	765083
92658966004	**MW-31TZ-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966005	**MW-45BR-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966006	**MW-46BR-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966007	**MW-47BR-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966008	**MW-32TZ-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966009	**MW-32S-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966010	**MW-50S-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966011	**MW-21BR-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966012	**MW-21BRL-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966013	**MW-50TZ-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966014	**EB-05-20230324**	EPA 3511	764500	EPA 8270E by SIM	764804
92658966001	**MW-3BRL-20230324-MS/MSD**	EPA 8260D	764311		
92658966002	**MW-31S-20230324**	EPA 8260D	764309		
92658966003	**DUP-04-20230324**	EPA 8260D	764943		
92658966004	**MW-31TZ-20230324**	EPA 8260D	764309		
92658966005	**MW-45BR-20230324**	EPA 8260D	764311		
92658966006	**MW-46BR-20230324**	EPA 8260D	764309		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bramlette MGP J23030238
Pace Project No.: 92658966

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92658966007	**MW-47BR-20230324**	EPA 8260D	765256		
92658966008	**MW-32TZ-20230324**	EPA 8260D	764309		
92658966009	**MW-32S-20230324**	EPA 8260D	764309		
92658966010	**MW-50S-20230324**	EPA 8260D	764309		
92658966011	**MW-21BR-20230324**	EPA 8260D	764309		
92658966012	**MW-21BRL-20230324**	EPA 8260D	765256		
92658966013	**MW-50TZ-20230324**	EPA 8260D	764309		
92658966014	**EB-05-20230324**	EPA 8260D	764309		
92658966015	**TB-09-20230324**	EPA 8260D	764309		
92658966016	**TB-10-20230324**	EPA 8260D	764309		
92658966005	**MW-45BR-20230324**	SM 2320B-2011	765279		
92658966006	**MW-46BR-20230324**	SM 2320B-2011	764334		
92658966007	**MW-47BR-20230324**	SM 2320B-2011	765279		
92658966005	**MW-45BR-20230324**	SM 4500-S2D-2011	765059		
92658966006	**MW-46BR-20230324**	SM 4500-S2D-2011	765059		
92658966007	**MW-47BR-20230324**	SM 4500-S2D-2011	765059		
92658966005	**MW-45BR-20230324**	EPA 300.0 Rev 2.1 1993	764108		
92658966006	**MW-46BR-20230324**	EPA 300.0 Rev 2.1 1993	764108		
92658966007	**MW-47BR-20230324**	EPA 300.0 Rev 2.1 1993	764108		
92658966005	**MW-45BR-20230324**	EPA 350.1 Rev 2.0 1993	764473		
92658966006	**MW-46BR-20230324**	EPA 350.1 Rev 2.0 1993	764473		
92658966007	**MW-47BR-20230324**	EPA 350.1 Rev 2.0 1993	764473		
92658966005	**MW-45BR-20230324**	EPA 353.2 Rev 2.0 1993	764484		
92658966006	**MW-46BR-20230324**	EPA 353.2 Rev 2.0 1993	764484		
92658966007	**MW-47BR-20230324**	EPA 353.2 Rev 2.0 1993	764484		
92658966005	**MW-45BR-20230324**	EPA 9060A	764336		
92658966006	**MW-46BR-20230324**	EPA 9060A	764336		
92658966007	**MW-47BR-20230324**	EPA 9060A	764336		
92658966005	**MW-45BR-20230324**	SM 4500-CO2 D-2011	765820		
92658966006	**MW-46BR-20230324**	SM 4500-CO2 D-2011	765820		
92658966007	**MW-47BR-20230324**	SM 4500-CO2 D-2011	765820		

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

WO#: 92658966

92658966

...rder Number or ... E ONLY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: ____

Container Preservative Type **: 3 (VOC), U (SVOCs), U (PAHs), 2 (Nitrate+Nitrite, Ammonia), U (Sulfate), 4&5 (Sulfide), U (Alkalinity), 1 (Total Fe and Mn), 1 (Dissolved Fe and Mn), U (Dissolved Gases), O (TOC)

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-3BRL-20230324	GW	Grab	3/24/2023	09:28				8	G	X	X	X								
MS-03-20230324	GW	Grab	3/24/2023	09:28				8	G	X	X	X								
MSD-03-20230324	GW	Grab	3/24/2023	09:28				8	G	X	X	X								
MW-31S-20230324	GW	Grab	3/24/2023	09:50				8	G	X	X	X								
DUP-04-20230324	GW	Grab	3/24/2023	22:00				8	G	X	X	X								
MW-31TZ-20230324	GW	Grab	3/24/2023	09:50				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-45BR-20230324	GW	Grab	3/24/2023	09:34				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-32TZ-20230324	GW	Grab	3/24/2023	11:05				8	G	X	X	X								
MW-32S-20230324	GW	Grab	3/24/2023	11:05				8	G	X	X	X								
MW-46BR-20230324	GW	Grab	3/24/2023	11:14				20	G&P	X	X	X	X	X	X	X	X	X	X	X

Lab Profile/Line:

Lab Sample Receipt Checklist:
- Custody Seals Present/Intact Y N NA (N circled)
- Custody Signatures Present Y N NA (N circled)
- Collector Signature Present Y N NA (Y circled)
- Bottles Intact Y N NA (Y circled)
- Correct Bottles Y N NA (Y circled)
- Sufficient Volume Y N NA (Y circled)
- Samples Received on Ice Y N NA (Y circled)
- VOA - Headspace Acceptable Y N NA (Y circled)
- USDA Regulated Soils Y N NA (NA circled)
- Samples in Holding Time Y N NA (Y circled)
- Residual Chlorine Present Y N NA (N circled)
- Cl Strips: 3040
- Sample pH Acceptable Y N NA (Y circled)
- pH Strips: 2331 9BJ
- Sulfide Present Y N NA (NA circled)
- Lead Acetate Strips: ____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet (circled) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

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

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 437082
Cooler 1 Temp Upon Receipt: ____ oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: ____ oC
Comments: 5.1, 4.5

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
[signature] / Geosyntec	3-24-23/1540	Kaleigh Sisolak	3-24-23 1540	Table #:
Kaleigh Sisolak		KBushnenAul	3/27/23	Acctnum: Template: Prelogin:
				PM: PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day / Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: 3 U U 2 U 4&5 U 1 1 U O

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-47BR-20230324	GW	Grab	3/24/2023	11:05				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-50S-20230324	GW	Grab	3/24/2023	14:15				8	G	X	X	X								
MW-21BR-20230324	GW	Grab	3/24/2023	14:14				8	G	X	X	X								
MW-21BRL-20230324	GW	Grab	3/24/2023	14:17				8	G	X	X	X								
MW-50TZ-20230324	GW	Grab	3/24/2023	14:35				8	G	X	X	X								
EB-05-20230324	OT	Grab	3/24/2023	15:00				8	G	X	X	X								
TB-09-20230324	OT	Grab	3/24/2023					2	G	X										
TB-10-20230324	OT	Grab	3/24/2023					2	G	X										

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: 3040
Sample pH Acceptable Y N NA
pH Strips: 0239BV
Sulfide Present Y N NA
Lead Acetate Strips:

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier (Pace)

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 93C082
Cooler 1 Temp Upon Receipt: oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: oC
Comments:
5.1, 4.5

Relinquished by/Company: (Signature) Geosyntec	Date/Time: 3-24-23/1540	Received by/Company: (Signature) Raleigh Siddak	Date/Time: 3-24-23/1540
Relinquished by/Company: (Signature) Raleigh Siddak	Date/Time:	Received by/Company: (Signature) ICBurnham Arr	Date/Time: 3/27/1225
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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

***Check all unpreserved Nitrates for chlorine

Project # **WO#: 92658966**

PM: LJP Due Date: 04/03/23

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	/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)		P3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	SGU-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		2
7		2			2✓	2✓	1✓									3		3	3								2		3
8																3											2		3
9																3											2		3
10		2			2✓	2✓	1✓									3		3	3								2		3
11		2			2	2	1✓									3		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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
www.pacelabs.com

Sample Receiving Non-Conformance Form (NCF)

Date: 3/27/23	Evaluated by: KB
Client: Geosyntec / Duke	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

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:

MW31T2 missing samples received VOC/SVOC/PAH

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:

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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

***Check **all** unpreserved Nitrates for chlorine

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	EP7U-50 mL Plastic Unpreserved (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)		UP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	SGU-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																												
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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

April 27, 2023

Andrew Brey
Geosyntec
12802 Tampa Oaks Blvd
Suite 151
Tampa, FL 33637

RE: Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Dear Andrew Brey:

Enclosed are the analytical results for sample(s) received by the laboratory on March 29, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Program Manager, Duke Energy
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
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 Laboratory ID: 99030
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: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92659546001	**MW-21-20230327**	Water	03/27/23 09:42	03/29/23 14:20
92659546002	**MW-38BR-20230327**	Water	03/27/23 13:48	03/29/23 14:20
92659546003	**MW-39BRL-20230327**	Water	03/27/23 14:05	03/29/23 14:20
92659546004	**MW-39BR-20230328**	Water	03/28/23 10:39	03/29/23 14:20
92659546005	**MW-1-20230327**	Water	03/27/23 09:50	03/29/23 14:20
92659546006	**MS-04-20230327**	Water	03/27/23 09:50	03/29/23 14:20
92659546007	**MSD-04-20230327**	Water	03/27/23 09:50	03/29/23 14:20
92659546008	**MW-38S-20230327**	Water	03/27/23 11:12	03/29/23 14:20
92659546009	**MW-39S-20230327**	Water	03/27/23 11:28	03/29/23 14:20
92659546010	**EB-06-20230327**	Water	03/27/23 15:10	03/29/23 14:20
92659546011	**MW-22-20230328**	Water	03/28/23 09:32	03/29/23 14:20
92659546012	**MW-40BR-20230328**	Water	03/28/23 09:50	03/29/23 14:20
92659546013	**MW-05-20230328**	Water	03/28/23 10:40	03/29/23 14:20
92659546014	**EB-07-20230328**	Water	03/28/23 13:15	03/29/23 14:20
92659546015	**TB-11-20230328**	Water	03/28/23 00:00	03/29/23 14:20
92659546016	**TB-12-20230328**	Water	03/28/23 00:00	03/29/23 14:20

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92659546001	**MW-21-20230327**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92659546002	**MW-38BR-20230327**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92659546003	**MW-39BRL-20230327**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92659546004	**MW-39BR-20230328**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A
92659546005	**MW-1-20230327**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92659546008	**MW-38S-20230327**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	JJK, LMB	62	PASI-C
92659546009	**MW-39S-20230327**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92659546010	**EB-06-20230327**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92659546011	**MW-22-20230328**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92659546012	**MW-40BR-20230328**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92659546013	**MW-05-20230328**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92659546014	**EB-07-20230328**	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92659546015	**TB-11-20230328**	EPA 8260D	CL	62	PASI-C
92659546016	**TB-12-20230328**	EPA 8260D	CL	62	PASI-C

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

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92659546001	**MW-21-20230327**					
RSK 175 Modified	Methane	29.6	ug/L	10.0	03/31/23 15:21	
EPA 6010D	Iron	1530	ug/L	50.0	04/03/23 14:58	
EPA 6010D	Manganese	46.0	ug/L	5.0	04/03/23 14:58	
EPA 6010D	Iron, Dissolved	1380	ug/L	50.0	04/03/23 15:29	
EPA 6010D	Manganese, Dissolved	44.8	ug/L	5.0	04/03/23 15:29	
EPA 8270E by SIM	Benzo(a)pyrene	0.11	ug/L	0.094	04/05/23 10:32	
SM 2320B-2011	Alkalinity, Total as CaCO3	201	mg/L	5.0	03/31/23 18:58	
SM 4500-S2D-2011	Sulfide	0.025J	mg/L	0.10	03/31/23 02:43	
EPA 300.0 Rev 2.1 1993	Sulfate	16.1	mg/L	1.0	03/29/23 23:16	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.037J	mg/L	0.10	03/31/23 13:18	
EPA 9060A	Total Organic Carbon	2.6	mg/L	1.0	03/30/23 18:29	
EPA 9060A	Total Organic Carbon	2.5	mg/L	1.0	03/30/23 18:29	
EPA 9060A	Total Organic Carbon	2.6	mg/L	1.0	03/30/23 18:29	
EPA 9060A	Total Organic Carbon	2.6	mg/L	1.0	03/30/23 18:29	
EPA 9060A	Mean Total Organic Carbon	2.6	mg/L	1.0	03/30/23 18:29	
SM 4500-CO2 D-2011	Carbon dioxide	202	mg/L	5.0	04/04/23 12:38	N2
92659546002	**MW-38BR-20230327**					
EPA 6010D	Iron	250	ug/L	50.0	04/03/23 15:12	
EPA 6010D	Manganese	72.7	ug/L	5.0	04/03/23 15:12	
EPA 6010D	Iron, Dissolved	251	ug/L	50.0	04/03/23 15:50	
EPA 6010D	Manganese, Dissolved	71.7	ug/L	5.0	04/03/23 15:50	
SM 2320B-2011	Alkalinity, Total as CaCO3	117	mg/L	5.0	03/31/23 19:20	
SM 4500-S2D-2011	Sulfide	0.024J	mg/L	0.10	03/31/23 02:44	
EPA 300.0 Rev 2.1 1993	Sulfate	9.3	mg/L	1.0	03/29/23 23:33	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.081	mg/L	0.040	03/30/23 13:45	
EPA 9060A	Total Organic Carbon	1.2	mg/L	1.0	03/30/23 19:25	
EPA 9060A	Total Organic Carbon	0.56J	mg/L	1.0	03/30/23 19:25	
EPA 9060A	Mean Total Organic Carbon	0.66J	mg/L	1.0	03/30/23 19:25	
SM 4500-CO2 D-2011	Carbon dioxide	110	mg/L	5.0	04/04/23 12:38	N2
92659546003	**MW-39BRL-20230327**					
RSK 175 Modified	Methane	11.1	ug/L	10.0	03/31/23 15:53	
EPA 6010D	Manganese	9.7	ug/L	5.0	04/03/23 15:16	
EPA 6010D	Manganese, Dissolved	10	ug/L	5.0	04/03/23 15:54	
SM 2320B-2011	Alkalinity, Total as CaCO3	199	mg/L	5.0	03/31/23 19:29	M1
SM 4500-S2D-2011	Sulfide	0.19	mg/L	0.10	03/31/23 02:44	
EPA 300.0 Rev 2.1 1993	Sulfate	53.5	mg/L	1.0	03/29/23 23:50	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.039J	mg/L	0.10	03/31/23 13:24	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.034J	mg/L	0.040	03/30/23 13:51	
EPA 9060A	Total Organic Carbon	11.6	mg/L	1.0	03/30/23 19:43	
EPA 9060A	Total Organic Carbon	11.8	mg/L	1.0	03/30/23 19:43	
EPA 9060A	Total Organic Carbon	11.8	mg/L	1.0	03/30/23 19:43	
EPA 9060A	Total Organic Carbon	11.8	mg/L	1.0	03/30/23 19:43	
EPA 9060A	Mean Total Organic Carbon	11.7	mg/L	1.0	03/30/23 19:43	
SM 4500-CO2 D-2011	Carbon dioxide	169	mg/L	5.0	04/04/23 12:38	N2
92659546004	**MW-39BR-20230328**					
EPA 6010D	Iron	1300	ug/L	50.0	04/03/23 15:19	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92659546004	**MW-39BR-20230328**					
EPA 6010D	Manganese	60.8	ug/L	5.0	04/03/23 15:19	
EPA 6010D	Iron, Dissolved	1660	ug/L	50.0	04/03/23 15:57	
EPA 6010D	Manganese, Dissolved	85.9	ug/L	5.0	04/03/23 15:57	
SM 2320B-2011	Alkalinity, Total as CaCO3	101	mg/L	5.0	03/31/23 20:04	M1
EPA 300.0 Rev 2.1 1993	Sulfate	30.0	mg/L	1.0	03/30/23 00:06	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.025J	mg/L	0.040	03/30/23 13:52	
EPA 9060A	Total Organic Carbon	0.90J	mg/L	1.0	03/30/23 20:01	
EPA 9060A	Mean Total Organic Carbon	0.54J	mg/L	1.0	03/30/23 20:01	
SM 4500-CO2 D-2011	Carbon dioxide	99.0	mg/L	5.0	04/04/23 12:38	N2
92659546005	**MW-1-20230327**					
EPA 8270E	Acenaphthene	269	ug/L	100	04/03/23 11:03	
EPA 8270E	Anthracene	12.2	ug/L	10.0	04/02/23 14:11	
EPA 8270E	Dibenzofuran	29.1	ug/L	10.0	04/02/23 14:11	
EPA 8270E	2,4-Dimethylphenol	1.7J	ug/L	10.0	04/02/23 14:11	L1,M0
EPA 8270E	Fluoranthene	3.4J	ug/L	10.0	04/02/23 14:11	
EPA 8270E	Fluorene	78.2	ug/L	10.0	04/02/23 14:11	
EPA 8270E	1-Methylnaphthalene	695	ug/L	100	04/03/23 11:03	M1
EPA 8270E	2-Methylnaphthalene	646	ug/L	100	04/03/23 11:03	M1
EPA 8270E	Phenanthrene	77.8	ug/L	10.0	04/02/23 14:11	
EPA 8270E	Pyrene	4.8J	ug/L	10.0	04/02/23 14:11	
EPA 8260D	Benzene	26.5	ug/L	12.5	03/31/23 07:58	M1
EPA 8260D	Ethylbenzene	34.9	ug/L	12.5	03/31/23 07:58	M1
EPA 8260D	Naphthalene	2130	ug/L	12.5	03/31/23 07:58	M1
EPA 8260D	Toluene	7.5J	ug/L	12.5	03/31/23 07:58	M1
EPA 8260D	Xylene (Total)	48.2	ug/L	12.5	03/31/23 07:58	MS
EPA 8260D	m&p-Xylene	26.7	ug/L	25.0	03/31/23 07:58	M1
EPA 8260D	o-Xylene	21.5	ug/L	12.5	03/31/23 07:58	M1
92659546009	**MW-39S-20230327**					
EPA 8260D	1,3-Dichlorobenzene	0.53J	ug/L	1.0	04/05/23 19:49	
EPA 8260D	1,4-Dichlorobenzene	0.33J	ug/L	1.0	04/05/23 19:49	
92659546010	**EB-06-20230327**					
EPA 8260D	2-Butanone (MEK)	5.4	ug/L	5.0	03/31/23 02:13	
EPA 8260D	2-Hexanone	0.70J	ug/L	5.0	03/31/23 02:13	
92659546011	**MW-22-20230328**					
EPA 8260D	Chloroform	0.83J	ug/L	1.0	04/05/23 20:07	
92659546012	**MW-40BR-20230328**					
EPA 8260D	Naphthalene	0.83J	ug/L	1.0	03/31/23 06:09	C8
92659546014	**EB-07-20230328**					
EPA 8270E	Benzyl alcohol	3.6J	ug/L	20.0	04/04/23 22:28	
EPA 8260D	Bromodichloromethane	1.1	ug/L	1.0	03/31/23 02:31	
EPA 8260D	Chloroform	7.4	ug/L	1.0	03/31/23 02:31	

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: April 27, 2023

General Information:
4 samples were analyzed for RSK 175 Modified 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.

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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: April 27, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: April 27, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

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 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: 765090

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: 3972715)
  - Di-n-octylphthalate
- EB-06-20230327 (Lab ID: 92659546010)
  - N-Nitrosodimethylamine
- LCS (Lab ID: 3972716)
  - Di-n-octylphthalate
- MS (Lab ID: 3973193)
  - Di-n-octylphthalate
- MS (Lab ID: 3973964)
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3973194)
  - Di-n-octylphthalate
- MSD (Lab ID: 3973965)
  - N-Nitrosodimethylamine
- MW-1-20230327 (Lab ID: 92659546005)
  - N-Nitrosodimethylamine
- MW-21-20230327 (Lab ID: 92659546001)
  - N-Nitrosodimethylamine
- MW-38BR-20230327 (Lab ID: 92659546002)
  - N-Nitrosodimethylamine
- MW-38S-20230327 (Lab ID: 92659546008)
  - N-Nitrosodimethylamine
- MW-39BRL-20230327 (Lab ID: 92659546003)
  - N-Nitrosodimethylamine
- MW-39S-20230327 (Lab ID: 92659546009)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

QC Batch: 765090

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.

- N-Nitrosodimethylamine

QC Batch: 765676

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: 3975537)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine
- MSD (Lab ID: 3975538)
  - 2,4-Dinitrophenol
  - Benzoic Acid
  - N-Nitrosodimethylamine

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: 765090

S0: Surrogate recovery outside laboratory control limits.

- MS (Lab ID: 3973193)
  - 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.

QC Batch: 765090

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: 3972716)
  - 2,4-Dimethylphenol

QC Batch: 765676

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: 3975536)
  - 2,4-Dimethylphenol

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

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

QC Batch: 765090

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659368001,92659546005

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 3973964)
  - 2,4-Dimethylphenol
- MSD (Lab ID: 3973194)
  - 2,4-Dimethylphenol
- MSD (Lab ID: 3973965)
  - 2,4-Dimethylphenol

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

- MS (Lab ID: 3973193)
  - 2,4,6-Trichlorophenol
  - 2,4-Dinitrophenol
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol
- MS (Lab ID: 3973964)
  - 1-Methylnaphthalene
  - 2-Methylnaphthalene
- MSD (Lab ID: 3973194)
  - 2,4-Dinitrophenol
  - 3,3'-Dichlorobenzidine
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol
- MSD (Lab ID: 3973965)
  - 1-Methylnaphthalene
  - 2-Methylnaphthalene

R1: RPD value was outside control limits.

- MSD (Lab ID: 3973194)
  - 1-Methylnaphthalene
  - 2,2'-Oxybis(1-chloropropane)
  - 2,4-Dichlorophenol
  - 2,4-Dimethylphenol
  - 2,6-Dinitrotoluene
  - 2-Chloronaphthalene
  - 2-Chlorophenol
  - 2-Methylnaphthalene
  - 2-Methylphenol(o-Cresol)
  - 2-Nitroaniline
  - 2-Nitrophenol
  - 3&4-Methylphenol(m&p Cresol)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

QC Batch: 765090

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659368001,92659546005

R1: RPD value was outside control limits.

- 4-Bromophenylphenyl ether
- 4-Chloro-3-methylphenol
- 4-Chloroaniline
- 4-Chlorophenylphenyl ether
- Acenaphthene
- Acenaphthylene
- Aniline
- Benzyl alcohol
- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluorene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- Hexachloroethane
- Isophorone
- N-Nitroso-di-n-propylamine
- N-Nitrosodimethylamine
- N-Nitrosodiphenylamine
- Nitrobenzene
- Phenol
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether

• MSD (Lab ID: 3973965)
- 3,3'-Dichlorobenzidine

QC Batch: 765676

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659721019

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

• MS (Lab ID: 3975537)
- 2,4-Dimethylphenol

• MSD (Lab ID: 3975538)
- 2,4-Dimethylphenol

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

• MS (Lab ID: 3975537)
- 4-Chloro-3-methylphenol

• MSD (Lab ID: 3975538)
- 4-Chloro-3-methylphenol

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 27, 2023

Analyte Comments:

QC Batch: 765676

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MS (Lab ID: 3975537)
  - Nitrobenzene-d5 (S)
- MSD (Lab ID: 3975538)
  - Nitrobenzene-d5 (S)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 27, 2023

General Information:
12 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.

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: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

General Information:
14 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.

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

QC Batch: 764936

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: 3974709)
  - Methylene Chloride
- MSD (Lab ID: 3974710)
  - Methylene Chloride
- MW-1-20230327 (Lab ID: 92659546005)
  - 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.

- MS (Lab ID: 3974709)
  - Dichlorodifluoromethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MSD (Lab ID: 3974710)
  - Dichlorodifluoromethane
  - Trichlorofluoromethane
  - Vinyl chloride
- MW-1-20230327 (Lab ID: 92659546005)
  - Dichlorodifluoromethane
  - Trichlorofluoromethane
  - Vinyl chloride

QC Batch: 766104

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: 3977670)
  - Methylene Chloride
- DUP (Lab ID: 3977672)
  - Methylene Chloride
- LCS (Lab ID: 3977671)

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 766104

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.

- Methylene Chloride
- MS (Lab ID: 3977673)
  - Methylene Chloride
- MW-22-20230328 (Lab ID: 92659546011)
  - Methylene Chloride
- MW-38S-20230327 (Lab ID: 92659546008)
  - Methylene Chloride
- MW-39S-20230327 (Lab ID: 92659546009)
  - Methylene Chloride

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.

- DUP (Lab ID: 3977672)
  - 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: 3977673)
  - 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.

QC Batch: 766104

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: 3977671)
  - Methylene Chloride

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

QC Batch: 766104

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659624022

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

- MS (Lab ID: 3977673)

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 766104

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659624022

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

- Acetone
- Diisopropyl ether

QC Batch: 764936

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659546005

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

- MS (Lab ID: 3974709)
  - 1,1,1,2-Tetrachloroethane
  - 1,1,1-Trichloroethane
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2,3-Trichlorobenzene
  - 1,2,3-Trichloropropane
  - 1,2,4-Trichlorobenzene
  - 1,2-Dibromo-3-chloropropane
  - 1,2-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,2-Dichloropropane
  - 1,3-Dichlorobenzene
  - 1,3-Dichloropropane
  - 1,4-Dichlorobenzene
  - 2,2-Dichloropropane
  - 2-Butanone (MEK)
  - 2-Chlorotoluene
  - 2-Hexanone
  - 4-Chlorotoluene
  - 4-Methyl-2-pentanone (MIBK)
  - Acetone
  - Benzene
  - Bromobenzene
  - Bromochloromethane
  - Bromodichloromethane
  - Bromoform
  - Bromomethane
  - Carbon tetrachloride
  - Chlorobenzene
  - Chloroethane
  - Chloroform
  - Chloromethane
  - Dibromochloromethane

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 764936

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659546005

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

- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

• MSD (Lab ID: 3974710)

- 1,1,1,2-Tetrachloroethane
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,1-Dichloropropene
- 1,2,3-Trichlorobenzene
- 1,2,3-Trichloropropane
- 1,2,4-Trichlorobenzene
- 1,2-Dibromo-3-chloropropane
- 1,2-Dichlorobenzene
- 1,2-Dichloroethane
- 1,2-Dichloropropane
- 1,3-Dichlorobenzene
- 1,3-Dichloropropane
- 1,4-Dichlorobenzene
- 2,2-Dichloropropane
- 2-Butanone (MEK)
- 2-Chlorotoluene

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

QC Batch: 764936

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659546005

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

- 2-Hexanone
- 4-Chlorotoluene
- 4-Methyl-2-pentanone (MIBK)
- Acetone
- Benzene
- Bromobenzene
- Bromochloromethane
- Bromodichloromethane
- Bromoform
- Bromomethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- Dibromochloromethane
- Dibromomethane
- Dichlorodifluoromethane
- Diisopropyl ether
- Ethylbenzene
- Hexachloro-1,3-butadiene
- Methyl-tert-butyl ether
- Methylene Chloride
- Naphthalene
- Styrene
- Tetrachloroethene
- Toluene
- Trichloroethene
- Trichlorofluoromethane
- Vinyl acetate
- Vinyl chloride
- cis-1,2-Dichloroethene
- cis-1,3-Dichloropropene
- m&p-Xylene
- o-Xylene
- p-Isopropyltoluene
- trans-1,2-Dichloroethene
- trans-1,3-Dichloropropene

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

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 27, 2023

Additional Comments:

Analyte Comments:

QC Batch: 764936

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

- MW-05-20230328 (Lab ID: 92659546013)
  - Naphthalene
- MW-40BR-20230328 (Lab ID: 92659546012)
  - Naphthalene

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: April 27, 2023

General Information:
4 samples were analyzed for SM 2320B-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: 764990

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92659546003,92659546004

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

- MS (Lab ID: 3972309)
  - Alkalinity, Total as CaCO3
- MS (Lab ID: 3972311)
  - Alkalinity, Total as CaCO3
- MSD (Lab ID: 3972310)
  - Alkalinity, Total as CaCO3
- MSD (Lab ID: 3972312)
  - Alkalinity, Total as CaCO3

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: April 27, 2023

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.

Additional Comments:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: April 27, 2023

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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: April 27, 2023

General Information:
4 samples were analyzed for EPA 350.1 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: April 27, 2023

General Information:
4 samples were analyzed for EPA 353.2 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: April 27, 2023

General Information:
4 samples were analyzed for EPA 9060A 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: April 27, 2023

General Information:
4 samples were analyzed for SM 4500-CO2 D-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.

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-21-20230327 **Lab ID: 92659546001** Collected: 03/27/23 09:42 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/31/23 15:21	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/31/23 15:21	74-85-1	
Methane	**29.6**	ug/L	10.0	5.3	1		03/31/23 15:21	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**1530**	ug/L	50.0	41.5	1	03/30/23 12:27	04/03/23 14:58	7439-89-6	
Manganese	**46.0**	ug/L	5.0	3.4	1	03/30/23 12:27	04/03/23 14:58	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**1380**	ug/L	50.0	41.5	1	03/30/23 14:30	04/03/23 15:29	7439-89-6	
Manganese, Dissolved	**44.8**	ug/L	5.0	3.4	1	03/30/23 14:30	04/03/23 15:29	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	04/01/23 09:19	04/02/23 12:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 12:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 12:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 12:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 12:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 12:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 12:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 12:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 12:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 12:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 12:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 12:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 12:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 12:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 12:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 12:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 12:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 12:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 12:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 12:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 12:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 12:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 12:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 12:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 12:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 12:55	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 12:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 12:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 12:55	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-21-20230327 **Lab ID: 92659546001** Collected: 03/27/23 09:42 Received: 03/29/23 14:20 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 12:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 12:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 12:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 12:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 12:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 12:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 12:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 12:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 12:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 12:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 12:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 12:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 12:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 12:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 12:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 12:55	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/01/23 09:19	04/02/23 12:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 12:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 12:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 12:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 12:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 12:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 12:55	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 12:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 12:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 12:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 12:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 12:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 12:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 12:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 12:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 12:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-138		1	04/01/23 09:19	04/02/23 12:55	4165-60-0	
2-Fluorobiphenyl (S)	78	%	10-130		1	04/01/23 09:19	04/02/23 12:55	321-60-8	
Terphenyl-d14 (S)	86	%	19-191		1	04/01/23 09:19	04/02/23 12:55	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	04/01/23 09:19	04/02/23 12:55	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	04/01/23 09:19	04/02/23 12:55	367-12-4	
2,4,6-Tribromophenol (S)	88	%	10-164		1	04/01/23 09:19	04/02/23 12:55	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	**0.11**	ug/L	0.094	0.040	1	04/03/23 12:34	04/05/23 10:32	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	79	%	69-194		1	04/03/23 12:34	04/05/23 10:32	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-21-20230327 **Lab ID: 92659546001** Collected: 03/27/23 09:42 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	95	%	61-194		1	04/03/23 12:34	04/05/23 10:32	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	04/03/23 12:34	04/05/23 10:32	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		03/31/23 03:26	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 03:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 03:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 03:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 03:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 03:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 03:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 03:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 03:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 03:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 03:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/31/23 03:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 03:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 03:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 03:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 03:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 03:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 03:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 03:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 03:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 03:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 03:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 03:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 03:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 03:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 03:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 03:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 03:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 03:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 03:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 03:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 03:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 03:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 03:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 03:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 03:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 03:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 03:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 03:26	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-21-20230327 **Lab ID: 92659546001** Collected: 03/27/23 09:42 Received: 03/29/23 14:20 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 03:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 03:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 03:26	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 03:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 03:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 03:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 03:26	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 03:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 03:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 03:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 03:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 03:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 03:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 03:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 03:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 03:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 03:26	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 03:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 03:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 03:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/31/23 03:26	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/31/23 03:26	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/31/23 03:26	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**201**	mg/L	5.0	5.0	1		03/31/23 18:58		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.025J**	mg/L	0.10	0.022	1		03/31/23 02:43	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**16.1**	mg/L	1.0	0.50	1		03/29/23 23:16	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.037J**	mg/L	0.10	0.031	1		03/31/23 13:18	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		03/30/23 13:42		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-21-20230327 **Lab ID: 92659546001** Collected: 03/27/23 09:42 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**2.6**	mg/L	1.0	0.50	1		03/30/23 18:29	7440-44-0	
Total Organic Carbon	**2.5**	mg/L	1.0	0.50	1		03/30/23 18:29	7440-44-0	
Total Organic Carbon	**2.6**	mg/L	1.0	0.50	1		03/30/23 18:29	7440-44-0	
Total Organic Carbon	**2.6**	mg/L	1.0	0.50	1		03/30/23 18:29	7440-44-0	
Mean Total Organic Carbon	**2.6**	mg/L	1.0	0.50	1		03/30/23 18:29	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**202**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38BR-20230327 **Lab ID: 92659546002** Collected: 03/27/23 13:48 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/31/23 15:37	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/31/23 15:37	74-85-1	
Methane	ND	ug/L	10.0	5.3	1		03/31/23 15:37	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**250**	ug/L	50.0	41.5	1	03/30/23 12:27	04/03/23 15:12	7439-89-6	
Manganese	**72.7**	ug/L	5.0	3.4	1	03/30/23 12:27	04/03/23 15:12	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**251**	ug/L	50.0	41.5	1	03/30/23 14:30	04/03/23 15:50	7439-89-6	
Manganese, Dissolved	**71.7**	ug/L	5.0	3.4	1	03/30/23 14:30	04/03/23 15:50	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	04/01/23 09:19	04/02/23 13:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 13:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 13:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 13:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 13:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 13:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 13:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 13:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 13:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 13:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 13:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 13:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 13:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 13:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 13:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 13:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 13:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 13:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:20	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 13:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 13:20	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38BR-20230327 **Lab ID: 92659546002** Collected: 03/27/23 13:48 Received: 03/29/23 14:20 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 13:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 13:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 13:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:20	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 13:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 13:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:20	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 13:20	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/01/23 09:19	04/02/23 13:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 13:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 13:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 13:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:20	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 13:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 13:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 13:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 13:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-138		1	04/01/23 09:19	04/02/23 13:20	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	04/01/23 09:19	04/02/23 13:20	321-60-8	
Terphenyl-d14 (S)	87	%	19-191		1	04/01/23 09:19	04/02/23 13:20	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	04/01/23 09:19	04/02/23 13:20	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	04/01/23 09:19	04/02/23 13:20	367-12-4	
2,4,6-Tribromophenol (S)	84	%	10-164		1	04/01/23 09:19	04/02/23 13:20	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	0.098	0.042	1	03/30/23 14:57	03/31/23 15:26	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	79	%	69-194		1	03/30/23 14:57	03/31/23 15:26	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38BR-20230327 **Lab ID: 92659546002** Collected: 03/27/23 13:48 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	96	%	61-194		1	03/30/23 14:57	03/31/23 15:26	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	03/30/23 14:57	03/31/23 15:26	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		03/31/23 03:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 03:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 03:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 03:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 03:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 03:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 03:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 03:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 03:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 03:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 03:44	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/31/23 03:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 03:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 03:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 03:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 03:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 03:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 03:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 03:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 03:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 03:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 03:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 03:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 03:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 03:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 03:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 03:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 03:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 03:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 03:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 03:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 03:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 03:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 03:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 03:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 03:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 03:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 03:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 03:44	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38BR-20230327 **Lab ID: 92659546002** Collected: 03/27/23 13:48 Received: 03/29/23 14:20 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 03:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 03:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 03:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 03:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 03:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 03:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 03:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 03:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 03:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 03:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 03:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 03:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 03:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 03:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 03:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 03:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 03:44	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 03:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 03:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 03:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/31/23 03:44	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		03/31/23 03:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/31/23 03:44	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**117**	mg/L	5.0	5.0	1		03/31/23 19:20		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.024J**	mg/L	0.10	0.022	1		03/31/23 02:44	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**9.3**	mg/L	1.0	0.50	1		03/29/23 23:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/31/23 13:23	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.081**	mg/L	0.040	0.017	1		03/30/23 13:45		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38BR-20230327 **Lab ID: 92659546002** Collected: 03/27/23 13:48 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.2**	mg/L	1.0	0.50	1		03/30/23 19:25	7440-44-0	
Total Organic Carbon	**0.56J**	mg/L	1.0	0.50	1		03/30/23 19:25	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/30/23 19:25	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/30/23 19:25	7440-44-0	
Mean Total Organic Carbon	**0.66J**	mg/L	1.0	0.50	1		03/30/23 19:25	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**110**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BRL-20230327 **Lab ID: 92659546003** Collected: 03/27/23 14:05 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/31/23 15:53	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/31/23 15:53	74-85-1	
Methane	**11.1**	ug/L	10.0	5.3	1		03/31/23 15:53	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	03/30/23 12:27	04/03/23 15:16	7439-89-6	
Manganese	**9.7**	ug/L	5.0	3.4	1	03/30/23 12:27	04/03/23 15:16	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	03/30/23 14:30	04/03/23 15:54	7439-89-6	
Manganese, Dissolved	**10**	ug/L	5.0	3.4	1	03/30/23 14:30	04/03/23 15:54	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	04/01/23 09:19	04/02/23 13:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:46	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 13:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 13:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 13:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 13:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 13:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 13:46	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 13:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 13:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 13:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 13:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 13:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 13:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 13:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 13:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 13:46	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 13:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 13:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:46	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 13:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 13:46	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BRL-20230327 **Lab ID: 92659546003** Collected: 03/27/23 14:05 Received: 03/29/23 14:20 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 13:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 13:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 13:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:46	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 13:46	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 13:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 13:46	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 13:46	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/01/23 09:19	04/02/23 13:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 13:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 13:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 13:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 13:46	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 13:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 13:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 13:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 13:46	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 13:46	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 13:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 13:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 13:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-138		1	04/01/23 09:19	04/02/23 13:46	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	04/01/23 09:19	04/02/23 13:46	321-60-8	
Terphenyl-d14 (S)	82	%	19-191		1	04/01/23 09:19	04/02/23 13:46	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	04/01/23 09:19	04/02/23 13:46	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	04/01/23 09:19	04/02/23 13:46	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-164		1	04/01/23 09:19	04/02/23 13:46	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	0.094	0.040	1	03/30/23 14:57	03/31/23 15:48	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	78	%	69-194		1	03/30/23 14:57	03/31/23 15:48	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BRL-20230327 **Lab ID: 92659546003** Collected: 03/27/23 14:05 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	95	%	61-194		1	03/30/23 14:57	03/31/23 15:48	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	03/30/23 14:57	03/31/23 15:48	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		03/31/23 04:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 04:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 04:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 04:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 04:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 04:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 04:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 04:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 04:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 04:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 04:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/31/23 04:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 04:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 04:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 04:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 04:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 04:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 04:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 04:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 04:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 04:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 04:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 04:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 04:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 04:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 04:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 04:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 04:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 04:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 04:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 04:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 04:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 04:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 04:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 04:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 04:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 04:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 04:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 04:02	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BRL-20230327 **Lab ID: 92659546003** Collected: 03/27/23 14:05 Received: 03/29/23 14:20 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 04:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 04:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 04:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 04:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 04:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 04:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 04:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 04:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 04:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 04:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 04:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 04:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 04:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 04:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 04:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 04:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 04:02	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 04:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 04:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 04:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/31/23 04:02	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/31/23 04:02	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/31/23 04:02	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**199**	mg/L	5.0	5.0	1		03/31/23 19:29		M1
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.19**	mg/L	0.10	0.022	1		03/31/23 02:44	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**53.5**	mg/L	1.0	0.50	1		03/29/23 23:50	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.039J**	mg/L	0.10	0.031	1		03/31/23 13:24	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.034J**	mg/L	0.040	0.017	1		03/30/23 13:51		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BRL-20230327 **Lab ID: 92659546003** Collected: 03/27/23 14:05 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**11.6**	mg/L	1.0	0.50	1		03/30/23 19:43	7440-44-0	
Total Organic Carbon	**11.8**	mg/L	1.0	0.50	1		03/30/23 19:43	7440-44-0	
Total Organic Carbon	**11.8**	mg/L	1.0	0.50	1		03/30/23 19:43	7440-44-0	
Total Organic Carbon	**11.8**	mg/L	1.0	0.50	1		03/30/23 19:43	7440-44-0	
Mean Total Organic Carbon	**11.7**	mg/L	1.0	0.50	1		03/30/23 19:43	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**169**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BR-20230328 **Lab ID: 92659546004** Collected: 03/28/23 10:39 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		03/31/23 16:08	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		03/31/23 16:08	74-85-1	
Methane	ND	ug/L	10.0	5.3	1		03/31/23 16:08	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**1300**	ug/L	50.0	41.5	1	03/30/23 12:27	04/03/23 15:19	7439-89-6	
Manganese	**60.8**	ug/L	5.0	3.4	1	03/30/23 12:27	04/03/23 15:19	7439-96-5	
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**1660**	ug/L	50.0	41.5	1	03/30/23 14:30	04/03/23 15:57	7439-89-6	
Manganese, Dissolved	**85.9**	ug/L	5.0	3.4	1	03/30/23 14:30	04/03/23 15:57	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	04/04/23 12:55	04/04/23 20:45	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 20:45	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 20:45	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/04/23 12:55	04/04/23 20:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 20:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/04/23 12:55	04/04/23 20:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 20:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 20:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/04/23 12:55	04/04/23 20:45	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/04/23 12:55	04/04/23 20:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 20:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/04/23 12:55	04/04/23 20:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/04/23 12:55	04/04/23 20:45	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/04/23 12:55	04/04/23 20:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 20:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 20:45	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 20:45	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 20:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 20:45	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 20:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 20:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 20:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/04/23 12:55	04/04/23 20:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 20:45	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 20:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 20:45	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 20:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 20:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/04/23 12:55	04/04/23 20:45	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BR-20230328 **Lab ID: 92659546004** Collected: 03/28/23 10:39 Received: 03/29/23 14:20 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								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/04/23 12:55	04/04/23 20:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 20:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 20:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/04/23 12:55	04/04/23 20:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/04/23 12:55	04/04/23 20:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 20:45	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 20:45	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 20:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 20:45	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 20:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/04/23 12:55	04/04/23 20:45	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 20:45	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 20:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 20:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 20:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 20:45	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/04/23 12:55	04/04/23 20:45	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 20:45	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/04/23 12:55	04/04/23 20:45	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 20:45	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 20:45	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/04/23 12:55	04/04/23 20:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 20:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/04/23 12:55	04/04/23 20:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 20:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 20:45	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 20:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 20:45	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 20:45	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 20:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 20:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 20:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-138		1	04/04/23 12:55	04/04/23 20:45	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	04/04/23 12:55	04/04/23 20:45	321-60-8	
Terphenyl-d14 (S)	110	%	19-191		1	04/04/23 12:55	04/04/23 20:45	1718-51-0	
Phenol-d6 (S)	44	%	10-130		1	04/04/23 12:55	04/04/23 20:45	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	04/04/23 12:55	04/04/23 20:45	367-12-4	
2,4,6-Tribromophenol (S)	110	%	10-164		1	04/04/23 12:55	04/04/23 20:45	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	0.099	0.042	1	03/30/23 14:57	03/31/23 16:09	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	74	%	69-194		1	03/30/23 14:57	03/31/23 16:09	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BR-20230328 **Lab ID: 92659546004** Collected: 03/28/23 10:39 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	92	%	61-194		1	03/30/23 14:57	03/31/23 16:09	321-60-8	
Terphenyl-d14 (S)	76	%	69-180		1	03/30/23 14:57	03/31/23 16:09	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		03/31/23 04:20	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 04:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 04:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 04:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 04:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 04:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 04:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 04:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 04:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 04:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 04:20	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/31/23 04:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 04:20	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 04:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 04:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 04:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 04:20	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 04:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 04:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 04:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 04:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 04:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 04:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 04:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 04:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 04:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 04:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 04:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 04:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 04:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 04:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 04:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 04:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 04:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 04:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 04:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 04:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 04:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 04:20	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BR-20230328 **Lab ID: 92659546004** Collected: 03/28/23 10:39 Received: 03/29/23 14:20 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								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 04:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 04:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 04:20	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 04:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 04:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 04:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 04:20	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 04:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 04:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 04:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 04:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 04:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 04:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 04:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 04:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 04:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 04:20	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 04:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 04:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 04:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/31/23 04:20	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/31/23 04:20	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/31/23 04:20	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**101**	mg/L	5.0	5.0	1		03/31/23 20:04		M1
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		03/31/23 02:47	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**30.0**	mg/L	1.0	0.50	1		03/30/23 00:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		03/31/23 13:26	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.025J**	mg/L	0.040	0.017	1		03/30/23 13:52		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39BR-20230328 **Lab ID: 92659546004** Collected: 03/28/23 10:39 Received: 03/29/23 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**0.90J**	mg/L	1.0	0.50	1		03/30/23 20:01	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/30/23 20:01	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/30/23 20:01	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/30/23 20:01	7440-44-0	
Mean Total Organic Carbon	**0.54J**	mg/L	1.0	0.50	1		03/30/23 20:01	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**99.0**	mg/L	5.0		1		04/04/23 12:38	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-1-20230327 **Lab ID: 92659546005** Collected: 03/27/23 09:50 Received: 03/29/23 14:20 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	**269**	ug/L	100	20.1	10	04/01/23 09:19	04/03/23 11:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 14:11	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 14:11	62-53-3	
Anthracene	**12.2**	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 14:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 14:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 14:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 14:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 14:11	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 14:11	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 14:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 14:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 14:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 14:11	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 14:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 14:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 14:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 14:11	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 14:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 14:11	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 14:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 14:11	53-70-3	
Dibenzofuran	**29.1**	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 14:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 14:11	91-94-1	R1
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 14:11	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 14:11	84-66-2	
2,4-Dimethylphenol	**1.7J**	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 14:11	105-67-9	L1,M0
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 14:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 14:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 14:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 14:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 14:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 14:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 14:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 14:11	117-81-7	
Fluoranthene	**3.4J**	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 14:11	206-44-0	
Fluorene	**78.2**	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 14:11	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 14:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 14:11	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 14:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 14:11	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 14:11	78-59-1	
1-Methylnaphthalene	**695**	ug/L	100	20.3	10	04/01/23 09:19	04/03/23 11:03	90-12-0	M1
2-Methylnaphthalene	**646**	ug/L	100	18.7	10	04/01/23 09:19	04/03/23 11:03	91-57-6	M1
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 14:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 14:11	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-1-20230327 **Lab ID: 92659546005** Collected: 03/27/23 09:50 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 14:11	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 14:11	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 14:11	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 14:11	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 14:11	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 14:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 14:11	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 14:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 14:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 14:11	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 14:11	87-86-5	
Phenanthrene	**77.8**	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 14:11	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 14:11	108-95-2	
Pyrene	**4.8J**	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 14:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 14:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 14:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-138		1	04/01/23 09:19	04/02/23 14:11	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/01/23 09:19	04/02/23 14:11	321-60-8	
Terphenyl-d14 (S)	99	%	19-191		1	04/01/23 09:19	04/02/23 14:11	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	04/01/23 09:19	04/02/23 14:11	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		1	04/01/23 09:19	04/02/23 14:11	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-164		1	04/01/23 09:19	04/02/23 14:11	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	03/30/23 14:57	03/31/23 08:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	69-194		1	03/30/23 14:57	03/31/23 08:05	4165-60-0	
2-Fluorobiphenyl (S)	64	%	61-194		1	03/30/23 14:57	03/31/23 08:05	321-60-8	
Terphenyl-d14 (S)	102	%	69-180		1	03/30/23 14:57	03/31/23 08:05	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		03/31/23 07:58	67-64-1	M1
Benzene	**26.5**	ug/L	12.5	4.3	12.5		03/31/23 07:58	71-43-2	M1
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 07:58	108-86-1	M1
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/31/23 07:58	74-97-5	M1
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/31/23 07:58	75-27-4	M1
Bromoform	ND	ug/L	12.5	4.3	12.5		03/31/23 07:58	75-25-2	M1
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/31/23 07:58	74-83-9	M1
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/31/23 07:58	78-93-3	M1
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/31/23 07:58	56-23-5	M1
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/31/23 07:58	108-90-7	M1
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/31/23 07:58	75-00-3	M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-1-20230327 **Lab ID: 92659546005** Collected: 03/27/23 09:50 Received: 03/29/23 14:20 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	5.4	12.5		03/31/23 07:58	67-66-3	M1
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/31/23 07:58	74-87-3	M1
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 07:58	95-49-8	M1
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/31/23 07:58	106-43-4	M1
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/31/23 07:58	96-12-8	M1
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/31/23 07:58	124-48-1	M1
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/31/23 07:58	74-95-3	M1
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 07:58	95-50-1	M1
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 07:58	541-73-1	M1
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/31/23 07:58	106-46-7	M1
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/31/23 07:58	75-71-8	M1,v3
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/31/23 07:58	75-34-3	M1
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/31/23 07:58	107-06-2	M1
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/31/23 07:58	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 07:58	156-59-2	M1
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/31/23 07:58	156-60-5	M1
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/31/23 07:58	78-87-5	M1
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/31/23 07:58	142-28-9	M1
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/31/23 07:58	594-20-7	M1
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/31/23 07:58	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/31/23 07:58	10061-01-5	M1
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/31/23 07:58	10061-02-6	M1
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/31/23 07:58	108-20-3	M1
Ethylbenzene	**34.9**	ug/L	12.5	3.8	12.5		03/31/23 07:58	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/31/23 07:58	87-68-3	M1
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/31/23 07:58	591-78-6	M1
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/31/23 07:58	99-87-6	M1
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		03/31/23 07:58	75-09-2	M1,v1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/31/23 07:58	108-10-1	M1
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/31/23 07:58	1634-04-4	M1
Naphthalene	**2130**	ug/L	12.5	8.1	12.5		03/31/23 07:58	91-20-3	M1
Styrene	ND	ug/L	12.5	3.6	12.5		03/31/23 07:58	100-42-5	M1
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/31/23 07:58	630-20-6	M1
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/31/23 07:58	79-34-5	M1
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/31/23 07:58	127-18-4	M1
Toluene	**7.5J**	ug/L	12.5	6.1	12.5		03/31/23 07:58	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/31/23 07:58	87-61-6	M1
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/31/23 07:58	120-82-1	M1
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/31/23 07:58	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/31/23 07:58	79-00-5	M1
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/31/23 07:58	79-01-6	M1
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/31/23 07:58	75-69-4	M1,v3
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/31/23 07:58	96-18-4	M1
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/31/23 07:58	108-05-4	M1
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/31/23 07:58	75-01-4	M1,v3

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-1-20230327 **Lab ID: 92659546005** Collected: 03/27/23 09:50 Received: 03/29/23 14:20 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)	**48.2**	ug/L	12.5	4.2	12.5		03/31/23 07:58	1330-20-7	MS
m&p-Xylene	**26.7**	ug/L	25.0	8.9	12.5		03/31/23 07:58	179601-23-1	M1
o-Xylene	**21.5**	ug/L	12.5	4.2	12.5		03/31/23 07:58	95-47-6	M1
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		12.5		03/31/23 07:58	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		12.5		03/31/23 07:58	17060-07-0	
Toluene-d8 (S)	100	%	70-130		12.5		03/31/23 07:58	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38S-20230327 **Lab ID: 92659546008** Collected: 03/27/23 11:12 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 15:27	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:27	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:27	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 15:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 15:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 15:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 15:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 15:27	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 15:27	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 15:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 15:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 15:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 15:27	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 15:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 15:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:27	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 15:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:27	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 15:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 15:27	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 15:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 15:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:27	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:27	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 15:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 15:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 15:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 15:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 15:27	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:27	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 15:27	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:27	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 15:27	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:27	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 15:27	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38S-20230327 **Lab ID: 92659546008** Collected: 03/27/23 11:12 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 15:27	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 15:27	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 15:27	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:27	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:27	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 15:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:27	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 15:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 15:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 15:27	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 15:27	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:27	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:27	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-138		1	04/01/23 09:19	04/02/23 15:27	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	04/01/23 09:19	04/02/23 15:27	321-60-8	
Terphenyl-d14 (S)	87	%	19-191		1	04/01/23 09:19	04/02/23 15:27	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	04/01/23 09:19	04/02/23 15:27	13127-88-3	
2-Fluorophenol (S)	61	%	10-130		1	04/01/23 09:19	04/02/23 15:27	367-12-4	
2,4,6-Tribromophenol (S)	84	%	10-164		1	04/01/23 09:19	04/02/23 15:27	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	0.098	0.042	1	03/30/23 14:57	03/31/23 16:53	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	03/30/23 14:57	03/31/23 16:53	4165-60-0	
2-Fluorobiphenyl (S)	115	%	61-194		1	03/30/23 14:57	03/31/23 16:53	321-60-8	
Terphenyl-d14 (S)	94	%	69-180		1	03/30/23 14:57	03/31/23 16:53	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		04/05/23 19:31	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/23 19:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/23 19:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/23 19:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/23 19:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/23 19:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/23 19:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/23 19:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/23 19:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/23 19:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/23 19:31	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 MGP J23030238
Pace Project No.: 92659546

Sample: MW-38S-20230327 **Lab ID: 92659546008** Collected: 03/27/23 11:12 Received: 03/29/23 14:20 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	1.0	0.43	1		04/05/23 19:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/23 19:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/23 19:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/23 19:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/23 19:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/23 19:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/23 19:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/23 19:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/23 19:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/23 19:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/23 19:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/23 19:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/23 19:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/23 19:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/23 19:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/23 19:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/23 19:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/23 19:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/23 19:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/23 19:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/23 19:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/23 19:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/23 19:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/23 19:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/23 19:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/23 19:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/23 19:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/23 19:31	75-09-2	L1,v1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/23 19:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/23 19:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/23 07:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/23 19:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/23 19:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/23 19:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/23 19:31	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/23 19:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/23 19:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/23 19:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/23 19:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/23 19:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/23 19:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/23 19:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/23 19:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/23 19:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/23 19:31	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-38S-20230327 **Lab ID: 92659546008** Collected: 03/27/23 11:12 Received: 03/29/23 14:20 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		04/05/23 19:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/23 19:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/23 19:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/05/23 19:31	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/05/23 19:31	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		04/05/23 19:31	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39S-20230327 **Lab ID: 92659546009** Collected: 03/27/23 11:28 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 15:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:53	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:53	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 15:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 15:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 15:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 15:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 15:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 15:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 15:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 15:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 15:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 15:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 15:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 15:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 15:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:53	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 15:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 15:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 15:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 15:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:53	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 15:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 15:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 15:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 15:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 15:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:53	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 15:53	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 15:53	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 15:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 15:53	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39S-20230327 **Lab ID: 92659546009** Collected: 03/27/23 11:28 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 15:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 15:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 15:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 15:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 15:53	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 15:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 15:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 15:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 15:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 15:53	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:53	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 15:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 15:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 15:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	95	%	10-138		1	04/01/23 09:19	04/02/23 15:53	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/01/23 09:19	04/02/23 15:53	321-60-8	
Terphenyl-d14 (S)	92	%	19-191		1	04/01/23 09:19	04/02/23 15:53	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	04/01/23 09:19	04/02/23 15:53	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	04/01/23 09:19	04/02/23 15:53	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-164		1	04/01/23 09:19	04/02/23 15:53	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	03/30/23 14:57	03/31/23 19:25	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	77	%	69-194		1	03/30/23 14:57	03/31/23 19:25	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/30/23 14:57	03/31/23 19:25	321-60-8	
Terphenyl-d14 (S)	83	%	69-180		1	03/30/23 14:57	03/31/23 19:25	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		04/05/23 19:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/23 19:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/23 19:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/23 19:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/23 19:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/23 19:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/23 19:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/23 19:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/23 19:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/23 19:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/23 19:49	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 MGP J23030238
Pace Project No.: 92659546

Sample: MW-39S-20230327 **Lab ID: 92659546009** Collected: 03/27/23 11:28 Received: 03/29/23 14:20 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	1.0	0.43	1		04/05/23 19:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/23 19:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/23 19:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/23 19:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/23 19:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/23 19:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/23 19:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/23 19:49	95-50-1	
1,3-Dichlorobenzene	**0.53J**	ug/L	1.0	0.34	1		04/05/23 19:49	541-73-1	
1,4-Dichlorobenzene	**0.33J**	ug/L	1.0	0.33	1		04/05/23 19:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/23 19:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/23 19:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/23 19:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/23 19:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/23 19:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/23 19:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/23 19:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/23 19:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/23 19:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/23 19:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/23 19:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/23 19:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/23 19:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/23 19:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/23 19:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/23 19:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/23 19:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/23 19:49	75-09-2	L1,v1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/23 19:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/23 19:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/23 19:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/23 19:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/23 19:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/23 19:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/23 19:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/23 19:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/23 19:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/23 19:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/23 19:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/23 19:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/23 19:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/23 19:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/23 19:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/23 19:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/23 19:49	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-39S-20230327 **Lab ID: 92659546009** Collected: 03/27/23 11:28 Received: 03/29/23 14:20 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		04/05/23 19:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/23 19:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/23 19:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/05/23 19:49	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/05/23 19:49	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		04/05/23 19:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: EB-06-20230327 **Lab ID: 92659546010** Collected: 03/27/23 15:10 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 16:18	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 16:18	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 16:18	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/01/23 09:19	04/02/23 16:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 16:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/01/23 09:19	04/02/23 16:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 16:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/01/23 09:19	04/02/23 16:18	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/01/23 09:19	04/02/23 16:18	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/01/23 09:19	04/02/23 16:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 16:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/01/23 09:19	04/02/23 16:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/01/23 09:19	04/02/23 16:18	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/01/23 09:19	04/02/23 16:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/01/23 09:19	04/02/23 16:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 16:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 16:18	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 16:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 16:18	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/01/23 09:19	04/02/23 16:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 16:18	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 16:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/01/23 09:19	04/02/23 16:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 16:18	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 16:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 16:18	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 16:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 16:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/01/23 09:19	04/02/23 16:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/01/23 09:19	04/02/23 16:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 16:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 16:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/01/23 09:19	04/02/23 16:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/01/23 09:19	04/02/23 16:18	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 16:18	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/01/23 09:19	04/02/23 16:18	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 16:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 16:18	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 16:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/01/23 09:19	04/02/23 16:18	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/01/23 09:19	04/02/23 16:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 16:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 16:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 16:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 16:18	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: EB-06-20230327 **Lab ID: 92659546010** Collected: 03/27/23 15:10 Received: 03/29/23 14:20 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	04/01/23 09:19	04/02/23 16:18	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 16:18	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/01/23 09:19	04/02/23 16:18	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 16:18	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 16:18	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/01/23 09:19	04/02/23 16:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/01/23 09:19	04/02/23 16:18	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/01/23 09:19	04/02/23 16:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/01/23 09:19	04/02/23 16:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/01/23 09:19	04/02/23 16:18	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/01/23 09:19	04/02/23 16:18	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/01/23 09:19	04/02/23 16:18	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 16:18	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/01/23 09:19	04/02/23 16:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/01/23 09:19	04/02/23 16:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/01/23 09:19	04/02/23 16:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	10-138		1	04/01/23 09:19	04/02/23 16:18	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	04/01/23 09:19	04/02/23 16:18	321-60-8	
Terphenyl-d14 (S)	86	%	19-191		1	04/01/23 09:19	04/02/23 16:18	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	04/01/23 09:19	04/02/23 16:18	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	04/01/23 09:19	04/02/23 16:18	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-164		1	04/01/23 09:19	04/02/23 16:18	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	03/30/23 14:57	04/05/23 08:21	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	80	%	69-194		1	03/30/23 14:57	04/05/23 08:21	4165-60-0	
2-Fluorobiphenyl (S)	88	%	61-194		1	03/30/23 14:57	04/05/23 08:21	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	03/30/23 14:57	04/05/23 08:21	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		03/31/23 02:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 02:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 02:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 02:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 02:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 02:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 02:13	74-83-9	
2-Butanone (MEK)	**5.4**	ug/L	5.0	4.0	1		03/31/23 02:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 02:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 02:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 02:13	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 MGP J23030238
Pace Project No.: 92659546

Sample: EB-06-20230327 **Lab ID: 92659546010** Collected: 03/27/23 15:10 Received: 03/29/23 14:20 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	1.0	0.43	1		03/31/23 02:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 02:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 02:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 02:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 02:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 02:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 02:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 02:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 02:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 02:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 02:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 02:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 02:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 02:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 02:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 02:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 02:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 02:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 02:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 02:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 02:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 02:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 02:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 02:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 02:13	87-68-3	
2-Hexanone	**0.70J**	ug/L	5.0	0.48	1		03/31/23 02:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 02:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 02:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 02:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 02:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 02:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 02:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 02:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 02:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 02:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 02:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 02:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 02:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 02:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 02:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 02:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 02:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 02:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 02:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 02:13	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: EB-06-20230327 **Lab ID: 92659546010** Collected: 03/27/23 15:10 Received: 03/29/23 14:20 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		03/31/23 02:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 02:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 02:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/31/23 02:13	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/31/23 02:13	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/31/23 02:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-22-20230328 **Lab ID: 92659546011** Collected: 03/28/23 09:32 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 21:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:10	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:10	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/04/23 12:55	04/04/23 21:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 21:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/04/23 12:55	04/04/23 21:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 21:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 21:10	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/04/23 12:55	04/04/23 21:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/04/23 12:55	04/04/23 21:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 21:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/04/23 12:55	04/04/23 21:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/04/23 12:55	04/04/23 21:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/04/23 12:55	04/04/23 21:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 21:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 21:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:10	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 21:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 21:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 21:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/04/23 12:55	04/04/23 21:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:10	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 21:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/04/23 12:55	04/04/23 21:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/04/23 12:55	04/04/23 21:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/04/23 12:55	04/04/23 21:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/04/23 12:55	04/04/23 21:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:10	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 21:10	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/04/23 12:55	04/04/23 21:10	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:10	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 21:10	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-22-20230328 **Lab ID: 92659546011** Collected: 03/28/23 09:32 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 21:10	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 21:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/04/23 12:55	04/04/23 21:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/04/23 12:55	04/04/23 21:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:10	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/04/23 12:55	04/04/23 21:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 21:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 21:10	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 21:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:10	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:10	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	88	%	10-138		1	04/04/23 12:55	04/04/23 21:10	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	04/04/23 12:55	04/04/23 21:10	321-60-8	
Terphenyl-d14 (S)	111	%	19-191		1	04/04/23 12:55	04/04/23 21:10	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	04/04/23 12:55	04/04/23 21:10	13127-88-3	
2-Fluorophenol (S)	37	%	10-130		1	04/04/23 12:55	04/04/23 21:10	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-164		1	04/04/23 12:55	04/04/23 21:10	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	0.099	0.042	1	03/30/23 14:57	04/05/23 08:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	69-194		1	03/30/23 14:57	04/05/23 08:43	4165-60-0	
2-Fluorobiphenyl (S)	97	%	61-194		1	03/30/23 14:57	04/05/23 08:43	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	03/30/23 14:57	04/05/23 08:43	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		04/05/23 20:07	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/23 20:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/23 20:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/23 20:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/23 20:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/23 20:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/23 20:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/23 20:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/23 20:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/23 20:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/23 20:07	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 MGP J23030238
Pace Project No.: 92659546

Sample: MW-22-20230328 **Lab ID: 92659546011** Collected: 03/28/23 09:32 Received: 03/29/23 14:20 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	**0.83J**	ug/L	1.0	0.43	1		04/05/23 20:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/23 20:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/23 20:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/23 20:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/23 20:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/23 20:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/23 20:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/23 20:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/23 20:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/23 20:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/23 20:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/23 20:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/23 20:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/23 20:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/23 20:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/23 20:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/23 20:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/23 20:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/23 20:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/23 20:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/23 20:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/23 20:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/23 20:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/23 20:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/23 20:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/23 20:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/23 20:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/23 20:07	75-09-2	L1,v1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/23 20:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/23 20:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/23 20:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/23 20:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/23 20:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/23 20:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/23 20:07	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/23 20:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/23 20:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/23 20:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/23 20:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/23 20:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/23 20:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/23 20:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/23 20:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/23 20:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/23 20:07	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-22-20230328 **Lab ID: 92659546011** Collected: 03/28/23 09:32 Received: 03/29/23 14:20 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		04/05/23 20:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/23 20:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/23 20:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/05/23 20:07	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		04/05/23 20:07	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		04/05/23 20:07	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-40BR-20230328 **Lab ID: 92659546012** Collected: 03/28/23 09:50 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 21:36	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:36	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:36	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/04/23 12:55	04/04/23 21:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 21:36	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/04/23 12:55	04/04/23 21:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 21:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 21:36	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/04/23 12:55	04/04/23 21:36	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/04/23 12:55	04/04/23 21:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 21:36	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/04/23 12:55	04/04/23 21:36	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/04/23 12:55	04/04/23 21:36	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/04/23 12:55	04/04/23 21:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 21:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:36	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:36	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 21:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:36	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 21:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 21:36	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 21:36	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/04/23 12:55	04/04/23 21:36	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:36	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:36	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:36	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 21:36	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/04/23 12:55	04/04/23 21:36	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/04/23 12:55	04/04/23 21:36	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:36	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/04/23 12:55	04/04/23 21:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/04/23 12:55	04/04/23 21:36	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:36	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 21:36	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:36	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/04/23 12:55	04/04/23 21:36	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 21:36	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 21:36	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-40BR-20230328 **Lab ID: 92659546012** Collected: 03/28/23 09:50 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 21:36	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 21:36	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/04/23 12:55	04/04/23 21:36	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:36	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:36	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/04/23 12:55	04/04/23 21:36	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 21:36	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/04/23 12:55	04/04/23 21:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 21:36	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 21:36	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 21:36	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 21:36	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:36	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 21:36	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 21:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 21:36	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-138		1	04/04/23 12:55	04/04/23 21:36	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	04/04/23 12:55	04/04/23 21:36	321-60-8	
Terphenyl-d14 (S)	112	%	19-191		1	04/04/23 12:55	04/04/23 21:36	1718-51-0	
Phenol-d6 (S)	73	%	10-130		1	04/04/23 12:55	04/04/23 21:36	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	04/04/23 12:55	04/04/23 21:36	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-164		1	04/04/23 12:55	04/04/23 21:36	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	0.096	0.041	1	03/30/23 14:57	04/05/23 09:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	75	%	69-194		1	03/30/23 14:57	04/05/23 09:05	4165-60-0	
2-Fluorobiphenyl (S)	96	%	61-194		1	03/30/23 14:57	04/05/23 09:05	321-60-8	
Terphenyl-d14 (S)	77	%	69-180		1	03/30/23 14:57	04/05/23 09:05	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		03/31/23 06:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 06:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 06:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 06:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 06:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 06:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 06:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 06:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 06:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 06:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 06:09	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 MGP J23030238
Pace Project No.: 92659546

Sample: MW-40BR-20230328 **Lab ID: 92659546012** Collected: 03/28/23 09:50 Received: 03/29/23 14:20 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	1.0	0.43	1		03/31/23 06:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 06:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 06:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 06:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 06:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 06:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 06:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 06:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 06:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 06:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 06:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 06:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 06:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 06:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 06:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 06:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 06:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 06:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 06:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 06:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 06:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 06:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 06:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 06:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 06:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 06:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 06:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 06:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 06:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 06:09	1634-04-4	
Naphthalene	**0.83J**	ug/L	1.0	0.64	1		03/31/23 06:09	91-20-3	C8
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 06:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 06:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 06:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 06:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 06:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 06:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 06:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 06:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 06:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 06:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 06:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 06:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 06:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 06:09	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-40BR-20230328 **Lab ID: 92659546012** Collected: 03/28/23 09:50 Received: 03/29/23 14:20 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		03/31/23 06:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 06:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 06:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/31/23 06:09	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/31/23 06:09	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/31/23 06:09	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-05-20230328 **Lab ID: 92659546013** Collected: 03/28/23 10:40 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 22:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:02	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:02	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/04/23 12:55	04/04/23 22:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 22:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/04/23 12:55	04/04/23 22:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 22:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 22:02	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/04/23 12:55	04/04/23 22:02	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/04/23 12:55	04/04/23 22:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 22:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/04/23 12:55	04/04/23 22:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/04/23 12:55	04/04/23 22:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/04/23 12:55	04/04/23 22:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 22:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 22:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:02	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 22:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 22:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 22:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/04/23 12:55	04/04/23 22:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:02	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:02	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 22:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/04/23 12:55	04/04/23 22:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/04/23 12:55	04/04/23 22:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/04/23 12:55	04/04/23 22:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/04/23 12:55	04/04/23 22:02	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:02	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 22:02	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/04/23 12:55	04/04/23 22:02	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 22:02	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-05-20230328 **Lab ID: 92659546013** Collected: 03/28/23 10:40 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 22:02	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 22:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/04/23 12:55	04/04/23 22:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/04/23 12:55	04/04/23 22:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/04/23 12:55	04/04/23 22:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 22:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 22:02	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 22:02	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:02	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:02	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:02	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-138		1	04/04/23 12:55	04/04/23 22:02	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	04/04/23 12:55	04/04/23 22:02	321-60-8	
Terphenyl-d14 (S)	109	%	19-191		1	04/04/23 12:55	04/04/23 22:02	1718-51-0	
Phenol-d6 (S)	63	%	10-130		1	04/04/23 12:55	04/04/23 22:02	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	04/04/23 12:55	04/04/23 22:02	367-12-4	
2,4,6-Tribromophenol (S)	116	%	10-164		1	04/04/23 12:55	04/04/23 22:02	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	0.098	0.042	1	03/30/23 14:57	04/05/23 09:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	76	%	69-194		1	03/30/23 14:57	04/05/23 09:27	4165-60-0	
2-Fluorobiphenyl (S)	99	%	61-194		1	03/30/23 14:57	04/05/23 09:27	321-60-8	
Terphenyl-d14 (S)	76	%	69-180		1	03/30/23 14:57	04/05/23 09:27	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		03/31/23 06:27	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 06:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 06:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 06:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 06:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 06:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 06:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 06:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 06:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 06:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 06:27	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 MGP J23030238
Pace Project No.: 92659546

Sample: MW-05-20230328 **Lab ID: 92659546013** Collected: 03/28/23 10:40 Received: 03/29/23 14:20 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	1.0	0.43	1		03/31/23 06:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 06:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 06:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 06:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 06:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 06:27	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 06:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 06:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 06:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 06:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 06:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 06:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 06:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 06:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 06:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 06:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 06:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 06:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 06:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 06:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 06:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 06:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 06:27	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 06:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 06:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 06:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 06:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 06:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 06:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 06:27	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 06:27	91-20-3	C8
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 06:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 06:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 06:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 06:27	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 06:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 06:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 06:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 06:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 06:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 06:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 06:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 06:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 06:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 06:27	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: MW-05-20230328 **Lab ID: 92659546013** Collected: 03/28/23 10:40 Received: 03/29/23 14:20 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		03/31/23 06:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 06:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 06:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/31/23 06:27	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/31/23 06:27	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/31/23 06:27	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: EB-07-20230328 **Lab ID: 92659546014** Collected: 03/28/23 13:15 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 22:28	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:28	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:28	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/04/23 12:55	04/04/23 22:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 22:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/04/23 12:55	04/04/23 22:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 22:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/04/23 12:55	04/04/23 22:28	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	04/04/23 12:55	04/04/23 22:28	65-85-0	
Benzyl alcohol	**3.6J**	ug/L	20.0	2.9	1	04/04/23 12:55	04/04/23 22:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 22:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/04/23 12:55	04/04/23 22:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/04/23 12:55	04/04/23 22:28	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/04/23 12:55	04/04/23 22:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/04/23 12:55	04/04/23 22:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:28	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 22:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:28	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/04/23 12:55	04/04/23 22:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 22:28	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 22:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/04/23 12:55	04/04/23 22:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:28	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:28	105-67-9	L1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 22:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	04/04/23 12:55	04/04/23 22:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/04/23 12:55	04/04/23 22:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/04/23 12:55	04/04/23 22:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/04/23 12:55	04/04/23 22:28	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:28	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/04/23 12:55	04/04/23 22:28	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:28	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/04/23 12:55	04/04/23 22:28	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/04/23 12:55	04/04/23 22:28	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:28	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 22:28	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: EB-07-20230328 **Lab ID: 92659546014** Collected: 03/28/23 13:15 Received: 03/29/23 14:20 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	04/04/23 12:55	04/04/23 22:28	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 22:28	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/04/23 12:55	04/04/23 22:28	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:28	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:28	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/04/23 12:55	04/04/23 22:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/04/23 12:55	04/04/23 22:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/04/23 12:55	04/04/23 22:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/04/23 12:55	04/04/23 22:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/04/23 12:55	04/04/23 22:28	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/04/23 12:55	04/04/23 22:28	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/04/23 12:55	04/04/23 22:28	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:28	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/04/23 12:55	04/04/23 22:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/04/23 12:55	04/04/23 22:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/04/23 12:55	04/04/23 22:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-138		1	04/04/23 12:55	04/04/23 22:28	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	04/04/23 12:55	04/04/23 22:28	321-60-8	
Terphenyl-d14 (S)	112	%	19-191		1	04/04/23 12:55	04/04/23 22:28	1718-51-0	
Phenol-d6 (S)	61	%	10-130		1	04/04/23 12:55	04/04/23 22:28	13127-88-3	
2-Fluorophenol (S)	72	%	10-130		1	04/04/23 12:55	04/04/23 22:28	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-164		1	04/04/23 12:55	04/04/23 22:28	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	0.097	0.042	1	03/30/23 14:58	03/31/23 11:23	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	77	%	69-194		1	03/30/23 14:58	03/31/23 11:23	4165-60-0	
2-Fluorobiphenyl (S)	98	%	61-194		1	03/30/23 14:58	03/31/23 11:23	321-60-8	
Terphenyl-d14 (S)	83	%	69-180		1	03/30/23 14:58	03/31/23 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		03/31/23 02:31	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 02:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 02:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 02:31	74-97-5	
Bromodichloromethane	**1.1**	ug/L	1.0	0.31	1		03/31/23 02:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 02:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 02:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 02:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 02:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 02:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 02:31	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 MGP J23030238
Pace Project No.: 92659546

Sample: EB-07-20230328 **Lab ID: 92659546014** Collected: 03/28/23 13:15 Received: 03/29/23 14:20 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	**7.4**	ug/L	1.0	0.43	1		03/31/23 02:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 02:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 02:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 02:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 02:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 02:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 02:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 02:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 02:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 02:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 02:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 02:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 02:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 02:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 02:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 02:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 02:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 02:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 02:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 02:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 02:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 02:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 02:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 02:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 02:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 02:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 02:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 02:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 02:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 02:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 02:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 02:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 02:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 02:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/23 02:31	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 02:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 02:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 02:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 02:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 02:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 02:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 02:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 02:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 02:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 02:31	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: EB-07-20230328 **Lab ID: 92659546014** Collected: 03/28/23 13:15 Received: 03/29/23 14:20 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		03/31/23 02:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 02:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 02:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/31/23 02:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/31/23 02:31	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/31/23 02:31	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: TB-11-20230328 **Lab ID: 92659546015** Collected: 03/28/23 00:00 Received: 03/29/23 14:20 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		03/31/23 02:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 02:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 02:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 02:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 02:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 02:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 02:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 02:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 02:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 02:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 02:50	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/31/23 02:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 02:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 02:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 02:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 02:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 02:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 02:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 02:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 02:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 02:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 02:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 02:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 02:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 02:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 02:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 02:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 02:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 02:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 02:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 02:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 02:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 02:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 02:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 02:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 02:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 02:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 02:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 02:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 02:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 02:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 02:50	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 02:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 02:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 02:50	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 MGP J23030238
Pace Project No.: 92659546

Sample: TB-11-20230328 **Lab ID: 92659546015** Collected: 03/28/23 00:00 Received: 03/29/23 14:20 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		03/31/23 02:50	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 02:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 02:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 02:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 02:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 02:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 02:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 02:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 02:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 02:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 02:50	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 02:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 02:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 02:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/31/23 02:50	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/31/23 02:50	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		03/31/23 02:50	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: Bramlette MGP J23030238
Pace Project No.: 92659546

Sample: TB-12-20230328 **Lab ID: 92659546016** Collected: 03/28/23 00:00 Received: 03/29/23 14:20 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		03/31/23 03:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/23 03:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/23 03:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/23 03:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/23 03:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/23 03:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/23 03:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/23 03:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/23 03:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/23 03:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/23 03:08	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		03/31/23 03:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/23 03:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 03:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/23 03:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/23 03:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/23 03:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/23 03:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 03:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/23 03:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/23 03:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/23 03:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/23 03:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 03:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/23 03:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 03:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/23 03:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/23 03:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/23 03:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/23 03:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/23 03:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 03:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/23 03:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/23 03:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/23 03:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/23 03:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/23 03:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/23 03:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/23 03:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/23 03:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/23 03:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/23 03:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/23 03:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/23 03:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/23 03:08	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 MGP J23030238
Pace Project No.: 92659546

Sample: TB-12-20230328 **Lab ID: 92659546016** Collected: 03/28/23 00:00 Received: 03/29/23 14:20 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		03/31/23 03:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/23 03:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/23 03:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/23 03:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/23 03:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/23 03:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/23 03:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/23 03:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/23 03:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/23 03:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/23 03:08	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/23 03:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/23 03:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/23 03:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/31/23 03:08	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/31/23 03:08	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/31/23 03:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 765201
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3973221 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	03/31/23 14:02	
Ethene	ug/L	ND	10.0	5.7	03/31/23 14:02	
Methane	ug/L	ND	10.0	5.3	03/31/23 14:02	

LABORATORY CONTROL SAMPLE: 3973222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	558	100	70-130	
Ethene	ug/L	520	519	100	70-130	
Methane	ug/L	297	289	97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973224 3973225

Parameter	Units	92659785001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	ND	557	557	585	513	105	92	70-130	13	20	
Ethene	ug/L	ND	520	520	553	474	106	91	70-130	15	20	
Methane	ug/L	ND	297	297	314	270	104	89	70-130	15	20	

SAMPLE DUPLICATE: 3973223

Parameter	Units	92659546001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	29.6	24.8	18	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 764862
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3971513 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	04/03/23 14:44	
Manganese	ug/L	ND	5.0	3.4	04/03/23 14:44	

LABORATORY CONTROL SAMPLE: 3971514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4930	99	80-120	
Manganese	ug/L	500	507	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971515 3971516

Parameter	Units	92659546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	1530	5000	5000	6430	6520	98	100	75-125	1	20	
Manganese	ug/L	46.0	500	500	552	559	101	103	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

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 764918 | Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A | Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3971842 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	04/03/23 15:23	
Manganese, Dissolved	ug/L	ND	5.0	3.4	04/03/23 15:23	

LABORATORY CONTROL SAMPLE: 3971843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4560	91	80-120	
Manganese, Dissolved	ug/L	500	471	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971844 3971845

Parameter	Units	92659546001 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	1380	5000	5000	5900	5920	90	91	75-125	0	20	
Manganese, Dissolved	ug/L	44.8	500	500	510	512	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 764936 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004, 92659546005, 92659546010, 92659546012, 92659546013, 92659546014, 92659546015, 92659546016

METHOD BLANK: 3971942 Matrix: Water

Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004, 92659546005, 92659546010, 92659546012, 92659546013, 92659546014, 92659546015, 92659546016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/31/23 01:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/31/23 01:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/31/23 01:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/31/23 01:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/31/23 01:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/31/23 01:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/31/23 01:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/31/23 01:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/31/23 01:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/31/23 01:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/31/23 01:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 01:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/31/23 01:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/31/23 01:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/23 01:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/31/23 01:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/31/23 01:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/31/23 01:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/31/23 01:55	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 01:55	
2-Hexanone	ug/L	ND	5.0	0.48	03/31/23 01:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/23 01:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/31/23 01:55	
Acetone	ug/L	ND	25.0	5.1	03/31/23 01:55	
Benzene	ug/L	ND	1.0	0.34	03/31/23 01:55	
Bromobenzene	ug/L	ND	1.0	0.29	03/31/23 01:55	
Bromochloromethane	ug/L	ND	1.0	0.47	03/31/23 01:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/31/23 01:55	
Bromoform	ug/L	ND	1.0	0.34	03/31/23 01:55	
Bromomethane	ug/L	ND	2.0	1.7	03/31/23 01:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/31/23 01:55	
Chlorobenzene	ug/L	ND	1.0	0.28	03/31/23 01:55	
Chloroethane	ug/L	ND	1.0	0.65	03/31/23 01:55	
Chloroform	ug/L	ND	1.0	0.43	03/31/23 01:55	
Chloromethane	ug/L	ND	1.0	0.54	03/31/23 01:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/31/23 01:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 01:55	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/31/23 01:55	
Dibromomethane	ug/L	ND	1.0	0.39	03/31/23 01:55	

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

METHOD BLANK: 3971942 Matrix: Water

Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004, 92659546005, 92659546010, 92659546012, 92659546013, 92659546014, 92659546015, 92659546016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/31/23 01:55	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/31/23 01:55	
Ethylbenzene	ug/L	ND	1.0	0.30	03/31/23 01:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/31/23 01:55	
m&p-Xylene	ug/L	ND	2.0	0.71	03/31/23 01:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/31/23 01:55	
Methylene Chloride	ug/L	ND	5.0	2.0	03/31/23 01:55	
Naphthalene	ug/L	ND	1.0	0.64	03/31/23 01:55	
o-Xylene	ug/L	ND	1.0	0.34	03/31/23 01:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/31/23 01:55	
Styrene	ug/L	ND	1.0	0.29	03/31/23 01:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/31/23 01:55	
Toluene	ug/L	ND	1.0	0.48	03/31/23 01:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/31/23 01:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/23 01:55	
Trichloroethene	ug/L	ND	1.0	0.38	03/31/23 01:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/31/23 01:55	
Vinyl acetate	ug/L	ND	2.0	1.3	03/31/23 01:55	
Vinyl chloride	ug/L	ND	1.0	0.39	03/31/23 01:55	
Xylene (Total)	ug/L	ND	1.0	0.34	03/31/23 01:55	
1,2-Dichloroethane-d4 (S)	%	101	70-130		03/31/23 01:55	
4-Bromofluorobenzene (S)	%	98	70-130		03/31/23 01:55	
Toluene-d8 (S)	%	101	70-130		03/31/23 01:55	

LABORATORY CONTROL SAMPLE: 3971943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	20.4	102	70-130	
1,1,1-Trichloroethane	ug/L	20	19.1	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.8	104	70-130	
1,1,2-Trichloroethane	ug/L	20	20.4	102	70-130	
1,1-Dichloroethane	ug/L	20	19.3	97	70-130	
1,1-Dichloroethene	ug/L	20	19.1	96	70-130	
1,1-Dichloropropene	ug/L	20	19.8	99	70-130	
1,2,3-Trichlorobenzene	ug/L	20	20.8	104	70-130	
1,2,3-Trichloropropane	ug/L	20	20.2	101	70-130	
1,2,4-Trichlorobenzene	ug/L	20	20.4	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.3	102	70-130	
1,2-Dichlorobenzene	ug/L	20	20.3	101	70-130	
1,2-Dichloroethane	ug/L	20	19.7	98	70-130	
1,2-Dichloropropane	ug/L	20	20.0	100	70-130	
1,3-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,3-Dichloropropane	ug/L	20	19.7	98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

LABORATORY CONTROL SAMPLE: 3971943

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
2,2-Dichloropropane	ug/L	20	18.4	92	70-130	
2-Butanone (MEK)	ug/L	40	38.2	96	70-130	
2-Chlorotoluene	ug/L	20	20.0	100	70-130	
2-Hexanone	ug/L	40	40.8	102	70-130	
4-Chlorotoluene	ug/L	20	20.3	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	40.3	101	70-130	
Acetone	ug/L	40	38.0	95	70-130	
Benzene	ug/L	20	19.3	96	70-130	
Bromobenzene	ug/L	20	19.4	97	70-130	
Bromochloromethane	ug/L	20	20.1	101	70-130	
Bromodichloromethane	ug/L	20	19.3	96	70-130	
Bromoform	ug/L	20	19.5	97	70-130	
Bromomethane	ug/L	20	16.0	80	70-130	
Carbon tetrachloride	ug/L	20	18.8	94	70-130	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	18.5	93	70-130	
Chloroform	ug/L	20	19.4	97	70-130	
Chloromethane	ug/L	20	18.8	94	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.0	100	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.9	100	70-130	
Dibromochloromethane	ug/L	20	19.9	100	70-130	
Dibromomethane	ug/L	20	19.3	97	70-130	
Dichlorodifluoromethane	ug/L	20	18.2	91	70-130	
Diisopropyl ether	ug/L	20	18.8	94	70-130	
Ethylbenzene	ug/L	20	19.5	98	70-130	
Hexachloro-1,3-butadiene	ug/L	20	20.3	101	70-130	
m&p-Xylene	ug/L	40	39.3	98	70-130	
Methyl-tert-butyl ether	ug/L	20	18.8	94	70-130	
Methylene Chloride	ug/L	20	19.1	95	70-130	
Naphthalene	ug/L	20	21.6	108	70-130	
o-Xylene	ug/L	20	20.2	101	70-130	
p-Isopropyltoluene	ug/L	20	20.3	102	70-130	
Styrene	ug/L	20	20.7	104	70-130	
Tetrachloroethene	ug/L	20	19.6	98	70-130	
Toluene	ug/L	20	19.5	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	19.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.8	99	70-130	
Trichloroethene	ug/L	20	19.2	96	70-130	
Trichlorofluoromethane	ug/L	20	17.5	87	70-130	
Vinyl acetate	ug/L	40	38.6	97	70-130	
Vinyl chloride	ug/L	20	15.3	76	70-130	
Xylene (Total)	ug/L	60	59.5	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974709 3974710

Parameter	Units	92659546005 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	250	250	23.0	23.4	9	9	73-134	2	30	M1
1,1,1-Trichloroethane	ug/L	ND	250	250	20.9	20.4	8	8	82-143	2	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	250	250	26.0	26.2	10	10	70-136	0	30	M1
1,1,2-Trichloroethane	ug/L	ND	250	250	26.6	24.4	11	10	70-135	8	30	M1
1,1-Dichloroethane	ug/L	ND	250	250	22.8	21.9	9	9	70-139	4	30	M1
1,1-Dichloroethene	ug/L	ND	250	250	17.6	16.8	7	7	70-154	5	30	M1
1,1-Dichloropropene	ug/L	ND	250	250	20.0	21.0	8	8	70-149	5	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	250	250	34.7	28.4	14	11	70-135	20	30	M1
1,2,3-Trichloropropane	ug/L	ND	250	250	26.8	25.4	11	10	71-137	5	30	M1
1,2,4-Trichlorobenzene	ug/L	ND	250	250	30.1	27.6	12	11	73-140	9	30	M1
1,2-Dibromo-3-chloropropane	ug/L	ND	250	250	27.8	24.6J	11	10	65-134		30	M1
1,2-Dichlorobenzene	ug/L	ND	250	250	27.3	26.4	11	11	70-133	3	30	M1
1,2-Dichloroethane	ug/L	ND	250	250	24.4	24.8	10	10	70-137	2	30	M1
1,2-Dichloropropane	ug/L	ND	250	250	23.7	23.1	9	9	70-140	3	30	M1
1,3-Dichlorobenzene	ug/L	ND	250	250	26.1	25.7	10	10	70-135	2	30	M1
1,3-Dichloropropane	ug/L	ND	250	250	24.2	22.5	10	9	70-143	7	30	M1
1,4-Dichlorobenzene	ug/L	ND	250	250	27.1	26.2	11	10	70-133	3	30	M1
2,2-Dichloropropane	ug/L	ND	250	250	21.3	21.3	9	9	61-148	0	30	M1
2-Butanone (MEK)	ug/L	ND	500	500	51.0J	ND	10	10	60-139		30	M1
2-Chlorotoluene	ug/L	ND	250	250	29.9	30.4	12	12	70-144	2	30	M1
2-Hexanone	ug/L	ND	500	500	49.1J	47.8J	10	10	65-138		30	M1
4-Chlorotoluene	ug/L	ND	250	250	25.3	25.1	10	10	70-137	1	30	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	500	500	51.7J	50.4J	10	10	65-135		30	M1
Acetone	ug/L	ND	500	500	ND	ND	10	10	60-148		30	M1
Benzene	ug/L	26.5	250	250	49.0	47.4	9	8	70-151	3	30	M1
Bromobenzene	ug/L	ND	250	250	24.5	25.0	10	10	70-136	2	30	M1
Bromochloromethane	ug/L	ND	250	250	23.8	22.7	10	9	70-141	5	30	M1
Bromodichloromethane	ug/L	ND	250	250	23.5	22.1	9	9	70-138	6	30	M1
Bromoform	ug/L	ND	250	250	23.3	23.8	9	10	63-130	2	30	M1
Bromomethane	ug/L	ND	250	250	ND	ND	7	7	15-152		30	M1
Carbon tetrachloride	ug/L	ND	250	250	21.7	19.8	9	8	70-143	9	30	M1
Chlorobenzene	ug/L	ND	250	250	24.8	24.2	10	10	70-138	2	30	M1
Chloroethane	ug/L	ND	250	250	18.1	18.3	7	7	52-163	1	30	M1
Chloroform	ug/L	ND	250	250	22.8	23.6	9	9	70-139	4	30	M1
Chloromethane	ug/L	ND	250	250	13.2	13.3	5	5	41-139	1	30	M1
cis-1,2-Dichloroethene	ug/L	ND	250	250	23.1	23.3	9	9	70-141	1	30	M1
cis-1,3-Dichloropropene	ug/L	ND	250	250	23.5	22.0	9	9	70-137	7	30	M1
Dibromochloromethane	ug/L	ND	250	250	22.1	22.1	9	9	70-134	0	30	M1
Dibromomethane	ug/L	ND	250	250	24.8	22.4	10	9	70-138	10	30	M1
Dichlorodifluoromethane	ug/L	ND	250	250	5.5J	5.1J	2	2	47-155		30	M1,v3
Diisopropyl ether	ug/L	ND	250	250	22.9	21.9	9	9	63-144	4	30	M1
Ethylbenzene	ug/L	34.9	250	250	58.0	58.5	9	9	66-153	1	30	M1
Hexachloro-1,3-butadiene	ug/L	ND	250	250	30.4	24.3J	12	10	65-149		30	M1
m&p-Xylene	ug/L	26.7	500	500	75.8	73.0	10	9	69-152	4	30	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974709 3974710

Parameter	Units	92659546005 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	250	250	22.8	22.2	9	9	54-156	3	30	M1
Methylene Chloride	ug/L	ND	250	250	83.3	84.5	33	34	42-159	1	30	M1,v1
Naphthalene	ug/L	2130	250	250	2200	2200	26	27	61-148	0	30	M1
o-Xylene	ug/L	21.5	250	250	46.9	45.3	10	10	70-148	3	30	M1
p-Isopropyltoluene	ug/L	ND	250	250	29.1	29.4	12	12	70-146	1	30	M1
Styrene	ug/L	ND	250	250	24.6	23.4	10	9	70-135	5	30	M1
Tetrachloroethene	ug/L	ND	250	250	21.1	20.2	8	8	59-143	5	30	M1
Toluene	ug/L	7.5J	250	250	31.2	30.7	9	9	59-148	2	30	M1
trans-1,2-Dichloroethene	ug/L	ND	250	250	23.1	21.4	9	9	70-146	8	30	M1
trans-1,3-Dichloropropene	ug/L	ND	250	250	23.6	23.0	9	9	70-135	3	30	M1
Trichloroethene	ug/L	ND	250	250	21.9	22.2	9	9	70-147	1	30	M1
Trichlorofluoromethane	ug/L	ND	250	250	15.5	14.5	6	6	70-148	6	30	M1,v3
Vinyl acetate	ug/L	ND	500	500	45.1	44.6	9	9	49-151	1	30	M1
Vinyl chloride	ug/L	ND	250	250	11.5J	11.2J	5	4	70-156		30	M1,v3
Xylene (Total)	ug/L	48.2	750	750	123	118	10	9	63-158	4	30	MS
1,2-Dichloroethane-d4 (S)	%						101	101	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						102	101	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 766104
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92659546008, 92659546009, 92659546011

METHOD BLANK: 3977670 Matrix: Water
Associated Lab Samples: 92659546008, 92659546009, 92659546011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/05/23 18:20	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/05/23 18:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/05/23 18:20	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/05/23 18:20	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/05/23 18:20	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/05/23 18:20	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/05/23 18:20	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/05/23 18:20	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/05/23 18:20	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/05/23 18:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/05/23 18:20	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/23 18:20	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/05/23 18:20	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/05/23 18:20	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/23 18:20	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/05/23 18:20	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/05/23 18:20	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/05/23 18:20	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/05/23 18:20	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/23 18:20	
2-Hexanone	ug/L	ND	5.0	0.48	04/05/23 18:20	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/23 18:20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/05/23 18:20	
Acetone	ug/L	ND	25.0	5.1	04/05/23 18:20	
Benzene	ug/L	ND	1.0	0.34	04/05/23 18:20	
Bromobenzene	ug/L	ND	1.0	0.29	04/05/23 18:20	
Bromochloromethane	ug/L	ND	1.0	0.47	04/05/23 18:20	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/05/23 18:20	
Bromoform	ug/L	ND	1.0	0.34	04/05/23 18:20	
Bromomethane	ug/L	ND	2.0	1.7	04/05/23 18:20	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/05/23 18:20	
Chlorobenzene	ug/L	ND	1.0	0.28	04/05/23 18:20	
Chloroethane	ug/L	ND	1.0	0.65	04/05/23 18:20	
Chloroform	ug/L	ND	1.0	0.43	04/05/23 18:20	
Chloromethane	ug/L	ND	1.0	0.54	04/05/23 18:20	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/05/23 18:20	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/23 18:20	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/05/23 18:20	
Dibromomethane	ug/L	ND	1.0	0.39	04/05/23 18:20	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/05/23 18:20	

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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

METHOD BLANK: 3977670 Matrix: Water
Associated Lab Samples: 92659546008, 92659546009, 92659546011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/05/23 18:20	
Ethylbenzene	ug/L	ND	1.0	0.30	04/05/23 18:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/05/23 18:20	
m&p-Xylene	ug/L	ND	2.0	0.71	04/05/23 18:20	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/05/23 18:20	
Methylene Chloride	ug/L	2.0J	5.0	2.0	04/05/23 18:20	v1
Naphthalene	ug/L	ND	1.0	0.64	04/05/23 18:20	
o-Xylene	ug/L	ND	1.0	0.34	04/05/23 18:20	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/05/23 18:20	
Styrene	ug/L	ND	1.0	0.29	04/05/23 18:20	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/05/23 18:20	
Toluene	ug/L	ND	1.0	0.48	04/05/23 18:20	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/05/23 18:20	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/23 18:20	
Trichloroethene	ug/L	ND	1.0	0.38	04/05/23 18:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/05/23 18:20	
Vinyl acetate	ug/L	ND	2.0	1.3	04/05/23 18:20	
Vinyl chloride	ug/L	ND	1.0	0.39	04/05/23 18:20	
Xylene (Total)	ug/L	ND	1.0	0.34	04/05/23 18:20	
1,2-Dichloroethane-d4 (S)	%	88	70-130		04/05/23 18:20	
4-Bromofluorobenzene (S)	%	97	70-130		04/05/23 18:20	
Toluene-d8 (S)	%	102	70-130		04/05/23 18:20	

LABORATORY CONTROL SAMPLE: 3977671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.5	108	70-130	
1,1,1-Trichloroethane	ug/L	20	19.6	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	21.2	106	70-130	
1,1,2-Trichloroethane	ug/L	20	20.9	104	70-130	
1,1-Dichloroethane	ug/L	20	19.5	97	70-130	
1,1-Dichloroethene	ug/L	20	20.7	103	70-130	
1,1-Dichloropropene	ug/L	20	21.0	105	70-130	
1,2,3-Trichlorobenzene	ug/L	20	22.1	110	70-130	
1,2,3-Trichloropropane	ug/L	20	20.7	103	70-130	
1,2,4-Trichlorobenzene	ug/L	20	22.3	112	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.6	93	70-130	
1,2-Dichlorobenzene	ug/L	20	22.0	110	70-130	
1,2-Dichloroethane	ug/L	20	19.5	98	70-130	
1,2-Dichloropropane	ug/L	20	20.6	103	70-130	
1,3-Dichlorobenzene	ug/L	20	22.3	112	70-130	
1,3-Dichloropropane	ug/L	20	19.9	100	70-130	
1,4-Dichlorobenzene	ug/L	20	22.2	111	70-130	
2,2-Dichloropropane	ug/L	20	19.5	98	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

LABORATORY CONTROL SAMPLE: 3977671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	40	39.0	97	70-130	
2-Chlorotoluene	ug/L	20	21.2	106	70-130	
2-Hexanone	ug/L	40	43.1	108	70-130	
4-Chlorotoluene	ug/L	20	21.4	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	41.0	102	70-130	
Acetone	ug/L	40	35.6	89	70-130	
Benzene	ug/L	20	19.8	99	70-130	
Bromobenzene	ug/L	20	20.7	103	70-130	
Bromochloromethane	ug/L	20	19.7	99	70-130	
Bromodichloromethane	ug/L	20	19.3	96	70-130	
Bromoform	ug/L	20	19.5	97	70-130	
Bromomethane	ug/L	20	16.0	80	70-130	
Carbon tetrachloride	ug/L	20	20.1	101	70-130	
Chlorobenzene	ug/L	20	21.9	110	70-130	
Chloroethane	ug/L	20	20.2	101	70-130	
Chloroform	ug/L	20	19.5	98	70-130	
Chloromethane	ug/L	20	21.7	109	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.2	101	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.4	97	70-130	
Dibromochloromethane	ug/L	20	20.0	100	70-130	
Dibromomethane	ug/L	20	20.6	103	70-130	
Dichlorodifluoromethane	ug/L	20	25.0	125	70-130	
Diisopropyl ether	ug/L	20	18.9	95	70-130	
Ethylbenzene	ug/L	20	21.1	106	70-130	
Hexachloro-1,3-butadiene	ug/L	20	23.9	120	70-130	
m&p-Xylene	ug/L	40	42.3	106	70-130	
Methyl-tert-butyl ether	ug/L	20	17.5	87	70-130	
Methylene Chloride	ug/L	20	32.8	164	70-130	L1,v1
Naphthalene	ug/L	20	21.6	108	70-130	
o-Xylene	ug/L	20	21.1	106	70-130	
p-Isopropyltoluene	ug/L	20	22.6	113	70-130	
Styrene	ug/L	20	21.6	108	70-130	
Tetrachloroethene	ug/L	20	21.4	107	70-130	
Toluene	ug/L	20	20.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.8	104	70-130	
trans-1,3-Dichloropropene	ug/L	20	19.3	97	70-130	
Trichloroethene	ug/L	20	21.8	109	70-130	
Trichlorofluoromethane	ug/L	20	20.1	100	70-130	
Vinyl acetate	ug/L	40	40.0	100	70-130	
Vinyl chloride	ug/L	20	16.8	84	70-130	
Xylene (Total)	ug/L	60	63.4	106	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE SAMPLE: 3977673

Parameter	Units	92659624022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	25.0	125	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	23.9	119	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	23.2	116	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	23.1	116	70-135	
1,1-Dichloroethane	ug/L	ND	20	22.8	114	70-139	
1,1-Dichloroethene	ug/L	ND	20	24.5	122	70-154	
1,1-Dichloropropene	ug/L	ND	20	25.5	128	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	24.5	123	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	22.2	111	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	25.7	129	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	21.1	105	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	24.2	121	70-133	
1,2-Dichloroethane	ug/L	1.1	20	23.9	114	70-137	
1,2-Dichloropropane	ug/L	ND	20	25.1	126	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	24.1	120	70-135	
1,3-Dichloropropane	ug/L	ND	20	22.3	111	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	23.8	119	70-133	
2,2-Dichloropropane	ug/L	ND	20	24.9	125	61-148	
2-Butanone (MEK)	ug/L	ND	40	52.9	132	60-139	
2-Chlorotoluene	ug/L	ND	20	25.6	128	70-144	
2-Hexanone	ug/L	ND	40	46.6	117	65-138	
4-Chlorotoluene	ug/L	ND	20	22.9	115	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	48.9	120	65-135	
Acetone	ug/L	ND	40	59.8	149	60-148	M1
Benzene	ug/L	131	20	152	106	70-151	
Bromobenzene	ug/L	ND	20	22.5	112	70-136	
Bromochloromethane	ug/L	ND	20	21.6	108	70-141	
Bromodichloromethane	ug/L	ND	20	22.6	113	70-138	
Bromoform	ug/L	ND	20	21.9	110	63-130	
Bromomethane	ug/L	ND	20	17.6	88	15-152	v3
Carbon tetrachloride	ug/L	ND	20	24.3	121	70-143	
Chlorobenzene	ug/L	ND	20	23.8	119	70-138	
Chloroethane	ug/L	ND	20	20.6	103	52-163	
Chloroform	ug/L	ND	20	22.3	112	70-139	
Chloromethane	ug/L	ND	20	27.4	137	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	23.0	115	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	22.7	114	70-137	
Dibromochloromethane	ug/L	ND	20	22.3	111	70-134	
Dibromomethane	ug/L	ND	20	23.1	116	70-138	
Dichlorodifluoromethane	ug/L	ND	20	26.8	134	47-155	
Diisopropyl ether	ug/L	ND	20	31.6	158	63-144	M1
Ethylbenzene	ug/L	148	20	171	114	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	28.1	140	65-149	
m&p-Xylene	ug/L	138	40	183	114	69-152	
Methyl-tert-butyl ether	ug/L	12.4	20	34.1	108	54-156	
Methylene Chloride	ug/L	ND	20	25.0	125	42-159	v1
Naphthalene	ug/L	82.4	20	104	106	61-148	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE SAMPLE: 3977673

Parameter	Units	92659624022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	5.6	20	29.2	118	70-148	
p-Isopropyltoluene	ug/L	ND	20	27.0	135	70-146	
Styrene	ug/L	ND	20	23.5	117	70-135	
Tetrachloroethene	ug/L	ND	20	24.4	122	59-143	
Toluene	ug/L	27.0	20	48.3	107	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	23.9	120	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	22.5	113	70-135	
Trichloroethene	ug/L	ND	20	25.0	125	70-147	
Trichlorofluoromethane	ug/L	ND	20	22.4	112	70-148	
Vinyl acetate	ug/L	ND	40	47.5	119	49-151	
Vinyl chloride	ug/L	ND	20	19.3	96	70-156	
Xylene (Total)	ug/L	144	60	213	115	63-158	
1,2-Dichloroethane-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				95	70-130	

SAMPLE DUPLICATE: 3977672

Parameter	Units	92659624026 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	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: Bramlette MGP J23030238
Pace Project No.: 92659546

SAMPLE DUPLICATE: 3977672

Parameter	Units	92659624026 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	v1
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	88	91			
4-Bromofluorobenzene (S)	%	97	100			
Toluene-d8 (S)	%	103	102			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 765090 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546005, 92659546008, 92659546009, 92659546010

METHOD BLANK: 3972715 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546005, 92659546008, 92659546009, 92659546010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/31/23 21:07	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/31/23 21:07	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/31/23 21:07	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/31/23 21:07	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/31/23 21:07	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/31/23 21:07	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/31/23 21:07	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/31/23 21:07	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/31/23 21:07	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/31/23 21:07	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/31/23 21:07	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/31/23 21:07	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/31/23 21:07	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/31/23 21:07	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/31/23 21:07	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/31/23 21:07	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/31/23 21:07	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/31/23 21:07	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	03/31/23 21:07	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/31/23 21:07	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/31/23 21:07	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/31/23 21:07	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/31/23 21:07	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/31/23 21:07	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/31/23 21:07	
Acenaphthene	ug/L	ND	10.0	2.0	03/31/23 21:07	
Acenaphthylene	ug/L	ND	10.0	2.0	03/31/23 21:07	
Aniline	ug/L	ND	10.0	1.6	03/31/23 21:07	
Anthracene	ug/L	ND	10.0	2.3	03/31/23 21:07	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/31/23 21:07	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/31/23 21:07	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/31/23 21:07	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/31/23 21:07	
Benzoic Acid	ug/L	ND	50.0	22.0	03/31/23 21:07	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/31/23 21:07	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/31/23 21:07	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/31/23 21:07	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/31/23 21:07	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/31/23 21:07	
Chrysene	ug/L	ND	10.0	2.8	03/31/23 21:07	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

METHOD BLANK: 3972715 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546005, 92659546008, 92659546009, 92659546010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/31/23 21:07	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/31/23 21:07	v1
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/31/23 21:07	
Dibenzofuran	ug/L	ND	10.0	2.1	03/31/23 21:07	
Diethylphthalate	ug/L	ND	10.0	2.0	03/31/23 21:07	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/31/23 21:07	
Fluoranthene	ug/L	ND	10.0	2.2	03/31/23 21:07	
Fluorene	ug/L	ND	10.0	2.1	03/31/23 21:07	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/31/23 21:07	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/31/23 21:07	
Hexachloroethane	ug/L	ND	10.0	1.4	03/31/23 21:07	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/31/23 21:07	
Isophorone	ug/L	ND	10.0	1.7	03/31/23 21:07	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/31/23 21:07	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/31/23 21:07	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/31/23 21:07	
Nitrobenzene	ug/L	ND	10.0	1.9	03/31/23 21:07	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/31/23 21:07	
Phenanthrene	ug/L	ND	10.0	2.0	03/31/23 21:07	
Phenol	ug/L	ND	10.0	1.4	03/31/23 21:07	
Pyrene	ug/L	ND	10.0	2.2	03/31/23 21:07	
2,4,6-Tribromophenol (S)	%	107	10-164		03/31/23 21:07	
2-Fluorobiphenyl (S)	%	87	10-130		03/31/23 21:07	
2-Fluorophenol (S)	%	68	10-130		03/31/23 21:07	
Nitrobenzene-d5 (S)	%	92	10-138		03/31/23 21:07	
Phenol-d6 (S)	%	56	10-130		03/31/23 21:07	
Terphenyl-d14 (S)	%	106	19-191		03/31/23 21:07	

LABORATORY CONTROL SAMPLE: 3972716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.9	88	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	38.6	77	21-135	
2,4,5-Trichlorophenol	ug/L	50	49.6	99	38-147	
2,4,6-Trichlorophenol	ug/L	50	48.2	96	34-142	
2,4-Dichlorophenol	ug/L	50	47.6	95	36-136	
2,4-Dimethylphenol	ug/L	50	74.9	150	38-134	L1
2,4-Dinitrophenol	ug/L	250	227	91	10-169	
2,4-Dinitrotoluene	ug/L	50	47.9	96	44-154	
2,6-Dinitrotoluene	ug/L	50	48.2	96	44-156	
2-Chloronaphthalene	ug/L	50	42.0	84	25-130	
2-Chlorophenol	ug/L	50	44.0	88	29-130	
2-Methylnaphthalene	ug/L	50	41.6	83	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	46.7	93	31-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

LABORATORY CONTROL SAMPLE: 3972716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	86.4	86	39-145	
2-Nitrophenol	ug/L	50	48.2	96	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	45.0	90	30-130	
3,3'-Dichlorobenzidine	ug/L	100	88.8	89	44-158	
3-Nitroaniline	ug/L	100	90.4	90	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	102	102	39-158	
4-Bromophenylphenyl ether	ug/L	50	45.7	91	47-147	
4-Chloro-3-methylphenol	ug/L	100	95.2	95	40-138	
4-Chloroaniline	ug/L	100	78.7	79	35-130	
4-Chlorophenylphenyl ether	ug/L	50	43.7	87	36-139	
4-Nitroaniline	ug/L	100	90.4	90	46-157	
4-Nitrophenol	ug/L	250	156	62	17-130	
Acenaphthene	ug/L	50	43.6	87	34-135	
Acenaphthylene	ug/L	50	43.9	88	35-137	
Aniline	ug/L	50	19.1	38	25-130	
Anthracene	ug/L	50	41.6	83	47-146	
Benzo(a)anthracene	ug/L	50	46.7	93	48-160	
Benzo(b)fluoranthene	ug/L	50	46.8	94	49-171	
Benzo(g,h,i)perylene	ug/L	50	41.0	82	46-166	
Benzo(k)fluoranthene	ug/L	50	46.1	92	55-162	
Benzoic Acid	ug/L	250	151	60	10-130	
Benzyl alcohol	ug/L	100	85.6	86	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	43.9	88	33-136	
bis(2-Chloroethyl) ether	ug/L	50	42.3	85	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	53.0	106	46-173	
Butylbenzylphthalate	ug/L	50	56.1	112	53-169	
Chrysene	ug/L	50	45.2	90	54-152	
Di-n-butylphthalate	ug/L	50	48.9	98	49-161	
Di-n-octylphthalate	ug/L	50	55.4	111	50-166	v1
Dibenz(a,h)anthracene	ug/L	50	42.6	85	46-166	
Dibenzofuran	ug/L	50	42.8	86	37-136	
Diethylphthalate	ug/L	50	46.5	93	45-149	
Dimethylphthalate	ug/L	50	45.4	91	43-145	
Fluoranthene	ug/L	50	46.0	92	50-153	
Fluorene	ug/L	50	45.1	90	42-142	
Hexachlorobenzene	ug/L	50	44.4	89	44-138	
Hexachlorocyclopentadiene	ug/L	50	42.8	86	10-130	
Hexachloroethane	ug/L	50	25.5	51	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.5	85	46-166	
Isophorone	ug/L	50	46.7	93	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	46.4	93	33-140	
N-Nitrosodimethylamine	ug/L	50	38.6	77	24-130	
N-Nitrosodiphenylamine	ug/L	50	44.7	89	46-144	
Nitrobenzene	ug/L	50	42.7	85	33-133	
Pentachlorophenol	ug/L	100	102	102	21-163	
Phenanthrene	ug/L	50	44.0	88	47-146	
Phenol	ug/L	50	30.9	62	19-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

LABORATORY CONTROL SAMPLE: 3972716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	49.8	100	53-155	
2,4,6-Tribromophenol (S)	%			129	10-164	
2-Fluorobiphenyl (S)	%			97	10-130	
2-Fluorophenol (S)	%			81	10-130	
Nitrobenzene-d5 (S)	%			104	10-138	
Phenol-d6 (S)	%			72	10-130	
Terphenyl-d14 (S)	%			126	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973193 3973194

Parameter	Units	92659368001 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	24.9	44.3	50	89	10-131	56	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	22.9	42.8	46	86	11-143	60	30	R1
2,4,5-Trichlorophenol	ug/L	ND	50	50	7.4J	15.6	15	31	10-170		30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	3.5J	9.4J	7	19	10-166		30	M1
2,4-Dichlorophenol	ug/L	ND	50	50	12.3	23.3	25	47	10-153	62	30	R1
2,4-Dimethylphenol	ug/L	ND	50	50	43.4	75.1	87	150	20-147	54	30	M0,R1
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	6	8	10-172		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	35.3	47.7	71	95	30-164	30	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	34.2	49.9	68	100	31-163	38	30	R1
2-Chloronaphthalene	ug/L	ND	50	50	25.8	45.6	52	91	15-134	55	30	R1
2-Chlorophenol	ug/L	ND	50	50	11.9	22.7	24	45	10-139	63	30	R1
2-Methylnaphthalene	ug/L	ND	50	50	23.6	41.5	47	83	12-130	55	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	24.7	43.6	49	87	19-132	55	30	R1
2-Nitroaniline	ug/L	ND	100	100	67.3	95.2	67	95	23-154	34	30	R1
2-Nitrophenol	ug/L	ND	50	50	11.3	20.5	23	41	10-159	58	30	R1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	21.8	38.4	44	77	13-136	55	30	R1
3,3'-Dichlorobenzidine	ug/L	ND	100	100	90.4	ND	90	0	10-178		30	M1
3-Nitroaniline	ug/L	ND	100	100	76.3	98.6	76	99	20-166	25	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	9.9J	12.6J	10	13	10-187		30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	32.6	47.2	65	94	31-157	37	30	R1
4-Chloro-3-methylphenol	ug/L	ND	100	100	55.6	85.3	56	85	27-146	42	30	R1
4-Chloroaniline	ug/L	ND	100	100	52.1	90.4	52	90	13-143	54	30	R1
4-Chlorophenylphenyl ether	ug/L	ND	50	50	29.2	46.1	58	92	23-149	45	30	R1
4-Nitroaniline	ug/L	ND	100	100	88.5	97.2	88	97	24-171	9	30	
4-Nitrophenol	ug/L	ND	250	250	ND	7.5J	0	3	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	27.6	47.4	55	95	21-147	53	30	R1
Acenaphthylene	ug/L	ND	50	50	27.9	47.5	56	95	19-150	52	30	R1
Aniline	ug/L	ND	50	50	23.3	39.7	47	79	10-130	52	30	R1
Anthracene	ug/L	ND	50	50	33.9	45.3	68	91	36-152	29	30	
Benzo(a)anthracene	ug/L	ND	50	50	43.1	48.7	86	97	42-163	12	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	42.4	48.5	85	97	40-177	13	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	43.5	52.4	87	105	38-174	18	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: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973193 3973194

Parameter	Units	92659368001 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	41.6	48.7	83	97	41-171	16	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	49.4	85.7	49	86	18-141	54	30	R1
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	25.1	46.0	50	92	19-146	59	30	R1
bis(2-Chloroethyl) ether	ug/L	ND	50	50	25.7	45.9	51	92	19-151	57	30	R1
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	45.3	52.8	91	106	42-168	15	30	
Butylbenzylphthalate	ug/L	ND	50	50	46.5	54.5	93	109	42-177	16	30	
Chrysene	ug/L	ND	50	50	42.8	49.1	86	98	43-159	14	30	
Di-n-butylphthalate	ug/L	ND	50	50	42.3	50.2	85	100	42-160	17	30	
Di-n-octylphthalate	ug/L	ND	50	50	48.1	58.7	96	117	42-171	20	30	v1
Dibenz(a,h)anthracene	ug/L	ND	50	50	44.4	52.8	89	106	40-171	17	30	
Dibenzofuran	ug/L	ND	50	50	28.7	46.8	57	94	23-147	48	30	R1
Diethylphthalate	ug/L	ND	50	50	34.3	49.4	69	99	33-157	36	30	R1
Dimethylphthalate	ug/L	ND	50	50	31.2	48.1	62	96	27-154	43	30	R1
Fluoranthene	ug/L	ND	50	50	42.4	49.6	85	99	42-157	16	30	
Fluorene	ug/L	ND	50	50	30.7	48.1	61	96	25-155	44	30	R1
Hexachlorobenzene	ug/L	ND	50	50	33.8	47.3	68	95	32-145	33	30	R1
Hexachlorocyclopentadiene	ug/L	ND	50	50	20.1	39.2	40	78	10-130	64	30	R1
Hexachloroethane	ug/L	ND	50	50	13.8	24.8	28	50	10-130	57	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	44.4	53.1	89	106	39-174	18	30	
Isophorone	ug/L	ND	50	50	27.1	49.2	54	98	19-146	58	30	R1
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	26.8	48.2	54	96	20-150	57	30	R1
N-Nitrosodimethylamine	ug/L	ND	50	50	23.3	41.4	47	83	13-130	56	30	R1
N-Nitrosodiphenylamine	ug/L	ND	50	50	34.8	47.4	70	95	33-149	31	30	R1
Nitrobenzene	ug/L	ND	50	50	26.7	46.7	53	93	19-145	55	30	R1
Pentachlorophenol	ug/L	ND	100	100	ND	6.5J	3	6	10-188		30	M1
Phenanthrene	ug/L	ND	50	50	35.7	47.6	71	95	38-150	29	30	
Phenol	ug/L	ND	50	50	10.6	18.7	21	37	10-130	55	30	R1
Pyrene	ug/L	ND	50	50	42.5	49.4	85	99	42-163	15	30	
2,4,6-Tribromophenol (S)	%						14	27	10-164			
2-Fluorobiphenyl (S)	%						47	87	10-130			
2-Fluorophenol (S)	%						8	17	10-130			S0
Nitrobenzene-d5 (S)	%						50	91	10-138			
Phenol-d6 (S)	%						19	33	10-130			
Terphenyl-d14 (S)	%						81	94	19-191			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973964 3973965

Parameter	Units	92659546005 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	695	100	100	832	668	137	-27	10-131	22	30	M1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	81.0	82.6	81	83	11-143	2	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	93.3	97.9	93	98	10-170	5	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973964 3973965

Parameter	Units	92659546005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,6-Trichlorophenol	ug/L	ND	100	100	95.6	98.7	96	99	10-166	3	30	
2,4-Dichlorophenol	ug/L	ND	100	100	92.7	96.3	93	96	10-153	4	30	
2,4-Dimethylphenol	ug/L	1.7J	100	100	156	165	154	163	20-147	6	30	M0
2,4-Dinitrophenol	ug/L	ND	500	500	510	518	102	104	10-172	2	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	101	102	101	102	30-164	1	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	98.5	98.4	99	98	31-163	0	30	
2-Chloronaphthalene	ug/L	ND	100	100	83.9	80.3	84	80	15-134	4	30	
2-Chlorophenol	ug/L	ND	100	100	90.4	92.4	90	92	10-139	2	30	
2-Methylnaphthalene	ug/L	646	100	100	814	652	168	6	12-130	22	30	M1
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	89.6	101	90	101	19-132	12	30	
2-Nitroaniline	ug/L	ND	200	200	191	192	95	96	23-154	0	30	
2-Nitrophenol	ug/L	ND	100	100	103	108	103	108	10-159	5	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	83.5	93.4	83	93	13-136	11	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	67.9	105	34	52	10-178	43	30	R1
3-Nitroaniline	ug/L	ND	200	200	192	197	96	99	20-166	3	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	199	202	99	101	10-187	2	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	86.0	91.0	86	91	31-157	6	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	192	203	96	102	27-146	6	30	
4-Chloroaniline	ug/L	ND	200	200	98.2	121	49	60	13-143	21	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	90.1	91.0	90	91	23-149	1	30	
4-Nitroaniline	ug/L	ND	200	200	161	175	80	87	24-171	8	30	
4-Nitrophenol	ug/L	ND	500	500	299	305	60	61	10-130	2	30	
Acenaphthene	ug/L	269	100	100	384	321	115	52	21-147	18	30	
Acenaphthylene	ug/L	ND	100	100	94.4	89.8	94	90	19-150	5	30	
Aniline	ug/L	ND	100	100	23.1	28.9	23	29	10-130	22	30	
Anthracene	ug/L	12.2	100	100	98.5	100	86	88	36-152	2	30	
Benzo(a)anthracene	ug/L	ND	100	100	90.1	94.1	90	94	42-163	4	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	88.7	92.1	89	92	40-177	4	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	88.4	91.4	88	91	38-174	3	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	92.4	89.5	92	90	41-171	3	30	
Benzoic Acid	ug/L	ND	500	500	318	343	64	69	10-130	8	30	
Benzyl alcohol	ug/L	ND	200	200	179	182	90	91	18-141	2	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	97.0	97.5	97	97	19-146	1	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	98.1	98.8	98	99	19-151	1	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	95.4	104	95	104	42-168	9	30	
Butylbenzylphthalate	ug/L	ND	100	100	97.3	100	97	100	42-177	3	30	
Chrysene	ug/L	ND	100	100	86.0	93.0	86	93	43-159	8	30	
Di-n-butylphthalate	ug/L	ND	100	100	94.1	99.5	94	99	42-160	6	30	
Di-n-octylphthalate	ug/L	ND	100	100	101	106	101	106	42-171	5	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	89.4	89.8	89	90	40-171	0	30	
Dibenzofuran	ug/L	29.1	100	100	119	113	90	84	23-147	5	30	
Diethylphthalate	ug/L	ND	100	100	92.7	95.4	93	95	33-157	3	30	
Dimethylphthalate	ug/L	ND	100	100	91.4	91.7	91	92	27-154	0	30	
Fluoranthene	ug/L	3.4J	100	100	99.5	104	96	100	42-157	4	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3973964 3973965

Parameter	Units	92659546005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Fluorene	ug/L	78.2	100	100	185	166	106	88	25-155	10	30	
Hexachlorobenzene	ug/L	ND	100	100	87.2	89.4	87	89	32-145	3	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	61.2	54.8	61	55	10-130	11	30	
Hexachloroethane	ug/L	ND	100	100	44.3	51.3	44	51	10-130	15	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	90.0	89.0	90	89	39-174	1	30	
Isophorone	ug/L	ND	100	100	102	102	102	102	19-146	0	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	100	100	100	100	20-150	0	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	92.0	92.3	92	92	13-130	0	30	v1
N-Nitrosodiphenylamine	ug/L	ND	100	100	90.7	93.1	91	93	33-149	3	30	
Nitrobenzene	ug/L	ND	100	100	97.1	95.1	97	95	19-145	2	30	
Pentachlorophenol	ug/L	ND	200	200	190	200	95	100	10-188	6	30	
Phenanthrene	ug/L	77.8	100	100	183	167	105	89	38-150	9	30	
Phenol	ug/L	ND	100	100	56.1	67.7	56	68	10-130	19	30	
Pyrene	ug/L	4.8J	100	100	92.7	96.8	88	92	42-163	4	30	
2,4,6-Tribromophenol (S)	%						86	91	10-164			
2-Fluorobiphenyl (S)	%						79	74	10-130			
2-Fluorophenol (S)	%						63	65	10-130			
Nitrobenzene-d5 (S)	%						93	90	10-138			
Phenol-d6 (S)	%						51	57	10-130			
Terphenyl-d14 (S)	%						84	86	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

QC Batch: 765676 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92659546004, 92659546011, 92659546012, 92659546013, 92659546014

METHOD BLANK: 3975535 Matrix: Water
Associated Lab Samples: 92659546004, 92659546011, 92659546012, 92659546013, 92659546014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/04/23 17:45	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/04/23 17:45	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/04/23 17:45	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/04/23 17:45	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/04/23 17:45	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/04/23 17:45	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/04/23 17:45	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/04/23 17:45	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/04/23 17:45	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/04/23 17:45	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/04/23 17:45	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/04/23 17:45	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/04/23 17:45	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/04/23 17:45	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/04/23 17:45	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/04/23 17:45	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/04/23 17:45	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/04/23 17:45	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	04/04/23 17:45	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/04/23 17:45	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/04/23 17:45	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/04/23 17:45	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/04/23 17:45	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/04/23 17:45	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/04/23 17:45	
Acenaphthene	ug/L	ND	10.0	2.0	04/04/23 17:45	
Acenaphthylene	ug/L	ND	10.0	2.0	04/04/23 17:45	
Aniline	ug/L	ND	10.0	1.6	04/04/23 17:45	
Anthracene	ug/L	ND	10.0	2.3	04/04/23 17:45	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/04/23 17:45	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/04/23 17:45	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/04/23 17:45	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/04/23 17:45	
Benzoic Acid	ug/L	ND	50.0	22.0	04/04/23 17:45	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/04/23 17:45	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/04/23 17:45	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/04/23 17:45	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/04/23 17:45	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/04/23 17:45	
Chrysene	ug/L	ND	10.0	2.8	04/04/23 17:45	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

METHOD BLANK: 3975535 Matrix: Water
Associated Lab Samples: 92659546004, 92659546011, 92659546012, 92659546013, 92659546014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/04/23 17:45	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/04/23 17:45	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/04/23 17:45	
Dibenzofuran	ug/L	ND	10.0	2.1	04/04/23 17:45	
Diethylphthalate	ug/L	ND	10.0	2.0	04/04/23 17:45	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/04/23 17:45	
Fluoranthene	ug/L	ND	10.0	2.2	04/04/23 17:45	
Fluorene	ug/L	ND	10.0	2.1	04/04/23 17:45	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/04/23 17:45	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/04/23 17:45	
Hexachloroethane	ug/L	ND	10.0	1.4	04/04/23 17:45	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/04/23 17:45	
Isophorone	ug/L	ND	10.0	1.7	04/04/23 17:45	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/04/23 17:45	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/04/23 17:45	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/04/23 17:45	
Nitrobenzene	ug/L	ND	10.0	1.9	04/04/23 17:45	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/04/23 17:45	
Phenanthrene	ug/L	ND	10.0	2.0	04/04/23 17:45	
Phenol	ug/L	ND	10.0	1.4	04/04/23 17:45	
Pyrene	ug/L	ND	10.0	2.2	04/04/23 17:45	
2,4,6-Tribromophenol (S)	%	97	10-164		04/04/23 17:45	
2-Fluorobiphenyl (S)	%	80	10-130		04/04/23 17:45	
2-Fluorophenol (S)	%	66	10-130		04/04/23 17:45	
Nitrobenzene-d5 (S)	%	91	10-138		04/04/23 17:45	
Phenol-d6 (S)	%	55	10-130		04/04/23 17:45	
Terphenyl-d14 (S)	%	105	19-191		04/04/23 17:45	

LABORATORY CONTROL SAMPLE: 3975536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	40.4	81	23-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	40.0	80	21-135	
2,4,5-Trichlorophenol	ug/L	50	51.9	104	38-147	
2,4,6-Trichlorophenol	ug/L	50	51.3	103	34-142	
2,4-Dichlorophenol	ug/L	50	50.7	101	36-136	
2,4-Dimethylphenol	ug/L	50	76.0	152	38-134	L1
2,4-Dinitrophenol	ug/L	250	257	103	10-169	
2,4-Dinitrotoluene	ug/L	50	53.0	106	44-154	
2,6-Dinitrotoluene	ug/L	50	52.3	105	44-156	
2-Chloronaphthalene	ug/L	50	41.8	84	25-130	
2-Chlorophenol	ug/L	50	46.7	93	29-130	
2-Methylnaphthalene	ug/L	50	37.7	75	23-130	
2-Methylphenol(o-Cresol)	ug/L	50	47.7	95	31-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

LABORATORY CONTROL SAMPLE: 3975536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	95.6	96	39-145	
2-Nitrophenol	ug/L	50	52.2	104	29-142	
3&4-Methylphenol(m&p Cresol)	ug/L	50	45.1	90	30-130	
3,3'-Dichlorobenzidine	ug/L	100	102	102	44-158	
3-Nitroaniline	ug/L	100	101	101	45-152	
4,6-Dinitro-2-methylphenol	ug/L	100	113	113	39-158	
4-Bromophenylphenyl ether	ug/L	50	48.1	96	47-147	
4-Chloro-3-methylphenol	ug/L	100	101	101	40-138	
4-Chloroaniline	ug/L	100	86.4	86	35-130	
4-Chlorophenylphenyl ether	ug/L	50	46.0	92	36-139	
4-Nitroaniline	ug/L	100	101	101	46-157	
4-Nitrophenol	ug/L	250	172	69	17-130	
Acenaphthene	ug/L	50	45.3	91	34-135	
Acenaphthylene	ug/L	50	45.9	92	35-137	
Aniline	ug/L	50	31.3	63	25-130	
Anthracene	ug/L	50	44.9	90	47-146	
Benzo(a)anthracene	ug/L	50	50.0	100	48-160	
Benzo(b)fluoranthene	ug/L	50	50.6	101	49-171	
Benzo(g,h,i)perylene	ug/L	50	43.3	87	46-166	
Benzo(k)fluoranthene	ug/L	50	50.3	101	55-162	
Benzoic Acid	ug/L	250	165	66	10-130	
Benzyl alcohol	ug/L	100	91.9	92	29-132	
bis(2-Chloroethoxy)methane	ug/L	50	47.4	95	33-136	
bis(2-Chloroethyl) ether	ug/L	50	46.3	93	30-142	
bis(2-Ethylhexyl)phthalate	ug/L	50	56.8	114	46-173	
Butylbenzylphthalate	ug/L	50	58.4	117	53-169	
Chrysene	ug/L	50	48.8	98	54-152	
Di-n-butylphthalate	ug/L	50	53.0	106	49-161	
Di-n-octylphthalate	ug/L	50	60.5	121	50-166	
Dibenz(a,h)anthracene	ug/L	50	45.7	91	46-166	
Dibenzofuran	ug/L	50	45.1	90	37-136	
Diethylphthalate	ug/L	50	50.4	101	45-149	
Dimethylphthalate	ug/L	50	48.7	97	43-145	
Fluoranthene	ug/L	50	50.1	100	50-153	
Fluorene	ug/L	50	47.8	96	42-142	
Hexachlorobenzene	ug/L	50	47.1	94	44-138	
Hexachlorocyclopentadiene	ug/L	50	32.1	64	10-130	
Hexachloroethane	ug/L	50	12.5	25	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	45.8	92	46-166	
Isophorone	ug/L	50	50.5	101	36-135	
N-Nitroso-di-n-propylamine	ug/L	50	50.6	101	33-140	
N-Nitrosodimethylamine	ug/L	50	42.4	85	24-130	
N-Nitrosodiphenylamine	ug/L	50	47.1	94	46-144	
Nitrobenzene	ug/L	50	45.7	91	33-133	
Pentachlorophenol	ug/L	100	110	110	21-163	
Phenanthrene	ug/L	50	47.4	95	47-146	
Phenol	ug/L	50	31.2	62	19-130	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

LABORATORY CONTROL SAMPLE: 3975536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	50.8	102	53-155	
2,4,6-Tribromophenol (S)	%			125	10-164	
2-Fluorobiphenyl (S)	%			86	10-130	
2-Fluorophenol (S)	%			79	10-130	
Nitrobenzene-d5 (S)	%			103	10-138	
Phenol-d6 (S)	%			65	10-130	
Terphenyl-d14 (S)	%			116	19-191	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3975537 3975538

Parameter	Units	92659721019 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	100	100	84.7J	96.1J	85	96	10-131		30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	77.0J	98.4J	77	98	11-143		30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	101	110	101	110	10-170	9	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	100	108	100	108	10-166	8	30	
2,4-Dichlorophenol	ug/L	ND	100	100	80.0J	87.6J	80	88	10-153		30	
2,4-Dimethylphenol	ug/L	ND	100	100	152	165	152	165	20-147	8	30	M0
2,4-Dinitrophenol	ug/L	ND	500	500	320J	362J	64	72	10-172		30	v1
2,4-Dinitrotoluene	ug/L	ND	100	100	102	110	102	110	30-164	7	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	105	110	105	110	31-163	5	30	
2-Chloronaphthalene	ug/L	ND	100	100	89.0J	98.1J	89	98	15-134		30	
2-Chlorophenol	ug/L	ND	100	100	80.4J	95.0J	80	95	10-139		30	
2-Methylnaphthalene	ug/L	ND	100	100	84.8J	87.2J	85	87	12-130		30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	90.5J	105	90	105	19-132		30	
2-Nitroaniline	ug/L	ND	200	200	188J	214	94	107	23-154		30	
2-Nitrophenol	ug/L	ND	100	100	96.0J	103	96	103	10-159		30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	82.2J	89.7J	82	90	13-136		30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	152J	164J	76	82	10-178		30	
3-Nitroaniline	ug/L	ND	200	200	181J	203	91	101	20-166		30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	159J	180J	80	90	10-187		30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	99.0J	99.4J	99	99	31-157		30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	1580	1540	788	772	27-146	2	30	M1
4-Chloroaniline	ug/L	ND	200	200	123J	142J	62	71	13-143		30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	99.3J	105	99	105	23-149		30	
4-Nitroaniline	ug/L	ND	200	200	167J	190J	83	95	24-171		30	
4-Nitrophenol	ug/L	ND	500	500	329J	387J	66	77	10-130		30	
Acenaphthene	ug/L	ND	100	100	94.5J	105	94	105	21-147		30	
Acenaphthylene	ug/L	ND	100	100	92.9J	104	93	104	19-150		30	
Aniline	ug/L	ND	100	100	47.1J	58.8J	47	59	10-130		30	
Anthracene	ug/L	ND	100	100	93.9J	99.0J	94	99	36-152		30	
Benzo(a)anthracene	ug/L	ND	100	100	104	112	104	112	42-163	8	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	92.5J	101	93	101	40-177		30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	117	123	117	123	38-174	5	30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3975537 3975538

Parameter	Units	92659721019 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	100	100	98.0J	106	98	106	41-171		30	
Benzoic Acid	ug/L	ND	500	500	288J	324J	58	65	10-130		30	v1
Benzyl alcohol	ug/L	ND	200	200	164J	189J	82	94	18-141		30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	93.7J	102	94	102	19-146		30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	96.0J	109	96	109	19-151		30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	103	106	103	106	42-168	3	30	
Butylbenzylphthalate	ug/L	ND	100	100	96.7J	108	97	108	42-177		30	
Chrysene	ug/L	ND	100	100	104	111	104	111	43-159	7	30	
Di-n-butylphthalate	ug/L	ND	100	100	107	112	107	112	42-160	4	30	
Di-n-octylphthalate	ug/L	ND	100	100	117	120	117	120	42-171	3	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	115	120	115	120	40-171	5	30	
Dibenzofuran	ug/L	ND	100	100	93.6J	102	94	102	23-147		30	
Diethylphthalate	ug/L	ND	100	100	104	113	104	113	33-157	9	30	
Dimethylphthalate	ug/L	ND	100	100	102	110	102	110	27-154	8	30	
Fluoranthene	ug/L	ND	100	100	111	117	111	117	42-157	5	30	
Fluorene	ug/L	ND	100	100	97.1J	108	97	108	25-155		30	
Hexachlorobenzene	ug/L	ND	100	100	95.7J	106	96	106	32-145		30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	35.6J	52.4J	36	52	10-130		30	
Hexachloroethane	ug/L	ND	100	100	62.7J	60.6J	63	61	10-130		30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	116	122	116	122	39-174	6	30	
Isophorone	ug/L	ND	100	100	99.2J	109	99	109	19-146		30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	98.1J	110	98	110	20-150		30	
N-Nitrosodimethylamine	ug/L	ND	100	100	74.4J	97.5J	74	97	13-130		30	v1
N-Nitrosodiphenylamine	ug/L	ND	100	100	95.3J	101	95	101	33-149		30	
Nitrobenzene	ug/L	ND	100	100	93.8J	102	94	102	19-145		30	
Pentachlorophenol	ug/L	ND	200	200	221	214	110	107	10-188	3	30	
Phenanthrene	ug/L	ND	100	100	102	107	102	107	38-150	5	30	
Phenol	ug/L	ND	100	100	71.4J	80.3J	61	70	10-130		30	
Pyrene	ug/L	ND	100	100	87.2J	91.7J	87	92	42-163		30	
2,4,6-Tribromophenol (S)	%						118	110	10-164			
2-Fluorobiphenyl (S)	%						101	103	10-130			
2-Fluorophenol (S)	%						80	78	10-130			
Nitrobenzene-d5 (S)	%						108	102	10-138			D3
Phenol-d6 (S)	%						64	66	10-130			
Terphenyl-d14 (S)	%						106	96	19-191			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

QC Batch: 764819
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: 92659546002, 92659546003, 92659546004, 92659546005, 92659546008, 92659546009, 92659546010, 92659546011, 92659546012, 92659546013

METHOD BLANK: 3971311 Matrix: Water
Associated Lab Samples: 92659546002, 92659546003, 92659546004, 92659546005, 92659546008, 92659546009, 92659546010, 92659546011, 92659546012, 92659546013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/23 14:45	
2-Fluorobiphenyl (S)	%	114	61-194		03/30/23 14:45	
Nitrobenzene-d5 (S)	%	101	69-194		03/30/23 14:45	
Terphenyl-d14 (S)	%	113	69-180		03/30/23 14:45	

LABORATORY CONTROL SAMPLE: 3971312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.9	118	70-130	
2-Fluorobiphenyl (S)	%			127	61-194	
Nitrobenzene-d5 (S)	%			113	69-194	
Terphenyl-d14 (S)	%			116	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971313 3971314

Parameter	Units	92659546005 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	5.1	4.7	5.6	4.4	109	92	11-178	25	30	
2-Fluorobiphenyl (S)	%						75	67	61-194			
Nitrobenzene-d5 (S)	%						89	78	69-194			
Terphenyl-d14 (S)	%						96	83	69-180			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

QC Batch: 764831
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: 92659546014

METHOD BLANK: 3971335 Matrix: Water
Associated Lab Samples: 92659546007, 92659546014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/23 18:24	
2-Fluorobiphenyl (S)	%	91	61-194		03/30/23 18:24	
Nitrobenzene-d5 (S)	%	77	69-194		03/30/23 18:24	
Terphenyl-d14 (S)	%	90	69-180		03/30/23 18:24	

LABORATORY CONTROL SAMPLE: 3971336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	97	70-130	
2-Fluorobiphenyl (S)	%			89	61-194	
Nitrobenzene-d5 (S)	%			78	69-194	
Terphenyl-d14 (S)	%			83	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971337 3971338

Parameter	Units	92659546007 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	4.6	5.7	4.8	115	104	11-178	19	30	
2-Fluorobiphenyl (S)	%						79	72	61-194			
Nitrobenzene-d5 (S)	%						86	79	69-194			
Terphenyl-d14 (S)	%						100	92	69-180			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

QC Batch: 765412
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: 92659546001

METHOD BLANK: 3974129 Matrix: Water
Associated Lab Samples: 92659546001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/05/23 09:48	
2-Fluorobiphenyl (S)	%	88	61-194		04/05/23 09:48	
Nitrobenzene-d5 (S)	%	74	69-194		04/05/23 09:48	
Terphenyl-d14 (S)	%	85	69-180		04/05/23 09:48	

LABORATORY CONTROL SAMPLE: 3974130

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	97	70-130	
2-Fluorobiphenyl (S)	%			87	61-194	
Nitrobenzene-d5 (S)	%			76	69-194	
Terphenyl-d14 (S)	%			84	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974131 3974132

Parameter	Units	92659546001 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	0.11	4.6	4.9	4.4	4.9	93	99	11-178	11	30	
2-Fluorobiphenyl (S)	%						93	94	61-194			
Nitrobenzene-d5 (S)	%						81	81	69-194			
Terphenyl-d14 (S)	%						83	83	69-180			

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659546

QC Batch: 764990
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3972306 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/31/23 15:21	

LABORATORY CONTROL SAMPLE: 3972307

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

LABORATORY CONTROL SAMPLE: 3972308

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972309 3972310

Parameter	Units	92659546003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	199	50	50	278	288	159	179	80-120	4	25	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972311 3972312

Parameter	Units	92659546004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	101	50	50	161	165	121	127	80-120	2	25	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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 765059
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: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3972639 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	03/31/23 02:35	

LABORATORY CONTROL SAMPLE: 3972640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.56	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972641 3972642

Parameter	Units	92659613001 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	0.57	108	112	80-120	4	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972643 3972644

Parameter	Units	92659555010 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	0.54	0.57	108	113	80-120	5	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 764738
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: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3971058 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/29/23 21:32	

LABORATORY CONTROL SAMPLE: 3971059

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	50.7	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971060 3971061

Parameter	Units	92659555002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	575J ug/L	50	50	51.5	52.6	102	104	90-110	2	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 765100 | Analysis Method: EPA 350.1 Rev 2.0 1993
QC Batch Method: EPA 350.1 Rev 2.0 1993 | Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3972773 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	03/31/23 12:52	

LABORATORY CONTROL SAMPLE: 3972774

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.0	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972775 3972776

Parameter	Units	92659082001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.0	5.0	99	99	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972777 3972778

Parameter	Units	92659082002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.0	5.0	99	99	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 764787
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3971203 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	03/30/23 13:40	

LABORATORY CONTROL SAMPLE: 3971204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.4	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971205 3971206

Parameter	Units	92659546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.5	2.5	98	99	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3971207 3971208

Parameter	Units	92659546002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.081	2.5	2.5	2.6	2.5	100	99	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659546

QC Batch: 764995 | Analysis Method: EPA 9060A
QC Batch Method: EPA 9060A | Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

METHOD BLANK: 3972328 Matrix: Water
Associated Lab Samples: 92659546001, 92659546002, 92659546003, 92659546004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	03/30/23 17:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/30/23 17:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/30/23 17:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/30/23 17:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/30/23 17:53	

LABORATORY CONTROL SAMPLE: 3972329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.4	94	75-125	
Total Organic Carbon	mg/L	25	23.2	93	75-125	
Total Organic Carbon	mg/L	25	23.9	96	75-125	
Total Organic Carbon	mg/L	25	22.6	90	75-125	
Total Organic Carbon	mg/L	25	23.9	96	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3972330 3972331

Parameter	Units	92659546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	2.6	25	25	26.2	27.0	94	98	75-125	3	25	
Total Organic Carbon	mg/L	2.5	25	25	26.4	26.6	96	96	75-125	0	25	
Total Organic Carbon	mg/L	2.6	25	25	26.4	27.3	95	99	75-125	4	25	
Total Organic Carbon	mg/L	2.6	25	25	25.4	27.1	91	98	75-125	6	25	
Total Organic Carbon	mg/L	2.6	25	25	26.4	27.2	95	98	75-125	3	25	

Results presented on this page are in 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: Bramlette MGP J23030238
Pace Project No.: 92659546

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
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.

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: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92659546001	**MW-21-20230327**	RSK 175 Modified	765201		
92659546002	**MW-38BR-20230327**	RSK 175 Modified	765201		
92659546003	**MW-39BRL-20230327**	RSK 175 Modified	765201		
92659546004	**MW-39BR-20230328**	RSK 175 Modified	765201		
92659546001	**MW-21-20230327**	EPA 3010A	764862	EPA 6010D	764957
92659546002	**MW-38BR-20230327**	EPA 3010A	764862	EPA 6010D	764957
92659546003	**MW-39BRL-20230327**	EPA 3010A	764862	EPA 6010D	764957
92659546004	**MW-39BR-20230328**	EPA 3010A	764862	EPA 6010D	764957
92659546001	**MW-21-20230327**	EPA 3010A	764918	EPA 6010D	764975
92659546002	**MW-38BR-20230327**	EPA 3010A	764918	EPA 6010D	764975
92659546003	**MW-39BRL-20230327**	EPA 3010A	764918	EPA 6010D	764975
92659546004	**MW-39BR-20230328**	EPA 3010A	764918	EPA 6010D	764975
92659546001	**MW-21-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546002	**MW-38BR-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546003	**MW-39BRL-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546004	**MW-39BR-20230328**	EPA 3510C	765676	EPA 8270E	765910
92659546005	**MW-1-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546008	**MW-38S-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546009	**MW-39S-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546010	**EB-06-20230327**	EPA 3510C	765090	EPA 8270E	765320
92659546011	**MW-22-20230328**	EPA 3510C	765676	EPA 8270E	765910
92659546012	**MW-40BR-20230328**	EPA 3510C	765676	EPA 8270E	765910
92659546013	**MW-05-20230328**	EPA 3510C	765676	EPA 8270E	765910
92659546014	**EB-07-20230328**	EPA 3510C	765676	EPA 8270E	765910
92659546001	**MW-21-20230327**	EPA 3511	765412	EPA 8270E by SIM	765673
92659546002	**MW-38BR-20230327**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546003	**MW-39BRL-20230327**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546004	**MW-39BR-20230328**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546005	**MW-1-20230327**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546008	**MW-38S-20230327**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546009	**MW-39S-20230327**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546010	**EB-06-20230327**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546011	**MW-22-20230328**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546012	**MW-40BR-20230328**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546013	**MW-05-20230328**	EPA 3511	764819	EPA 8270E by SIM	765082
92659546014	**EB-07-20230328**	EPA 3511	764831	EPA 8270E by SIM	765083
92659546001	**MW-21-20230327**	EPA 8260D	764936		
92659546002	**MW-38BR-20230327**	EPA 8260D	764936		
92659546003	**MW-39BRL-20230327**	EPA 8260D	764936		
92659546004	**MW-39BR-20230328**	EPA 8260D	764936		
92659546005	**MW-1-20230327**	EPA 8260D	764936		
92659546008	**MW-38S-20230327**	EPA 8260D	766104		
92659546009	**MW-39S-20230327**	EPA 8260D	766104		

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: Bramlette MGP J23030238
Pace Project No.: 92659546

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92659546010	**EB-06-20230327**	EPA 8260D	764936		
92659546011	**MW-22-20230328**	EPA 8260D	766104		
92659546012	**MW-40BR-20230328**	EPA 8260D	764936		
92659546013	**MW-05-20230328**	EPA 8260D	764936		
92659546014	**EB-07-20230328**	EPA 8260D	764936		
92659546015	**TB-11-20230328**	EPA 8260D	764936		
92659546016	**TB-12-20230328**	EPA 8260D	764936		
92659546001	**MW-21-20230327**	SM 2320B-2011	764990		
92659546002	**MW-38BR-20230327**	SM 2320B-2011	764990		
92659546003	**MW-39BRL-20230327**	SM 2320B-2011	764990		
92659546004	**MW-39BR-20230328**	SM 2320B-2011	764990		
92659546001	**MW-21-20230327**	SM 4500-S2D-2011	765059		
92659546002	**MW-38BR-20230327**	SM 4500-S2D-2011	765059		
92659546003	**MW-39BRL-20230327**	SM 4500-S2D-2011	765059		
92659546004	**MW-39BR-20230328**	SM 4500-S2D-2011	765059		
92659546001	**MW-21-20230327**	EPA 300.0 Rev 2.1 1993	764738		
92659546002	**MW-38BR-20230327**	EPA 300.0 Rev 2.1 1993	764738		
92659546003	**MW-39BRL-20230327**	EPA 300.0 Rev 2.1 1993	764738		
92659546004	**MW-39BR-20230328**	EPA 300.0 Rev 2.1 1993	764738		
92659546001	**MW-21-20230327**	EPA 350.1 Rev 2.0 1993	765100		
92659546002	**MW-38BR-20230327**	EPA 350.1 Rev 2.0 1993	765100		
92659546003	**MW-39BRL-20230327**	EPA 350.1 Rev 2.0 1993	765100		
92659546004	**MW-39BR-20230328**	EPA 350.1 Rev 2.0 1993	765100		
92659546001	**MW-21-20230327**	EPA 353.2 Rev 2.0 1993	764787		
92659546002	**MW-38BR-20230327**	EPA 353.2 Rev 2.0 1993	764787		
92659546003	**MW-39BRL-20230327**	EPA 353.2 Rev 2.0 1993	764787		
92659546004	**MW-39BR-20230328**	EPA 353.2 Rev 2.0 1993	764787		
92659546001	**MW-21-20230327**	EPA 9060A	764995		
92659546002	**MW-38BR-20230327**	EPA 9060A	764995		
92659546003	**MW-39BRL-20230327**	EPA 9060A	764995		
92659546004	**MW-39BR-20230328**	EPA 9060A	764995		
92659546001	**MW-21-20230327**	SM 4500-CO2 D-2011	765820		
92659546002	**MW-38BR-20230327**	SM 4500-CO2 D-2011	765820		
92659546003	**MW-39BRL-20230327**	SM 4500-CO2 D-2011	765820		
92659546004	**MW-39BR-20230328**	SM 4500-CO2 D-2011	765820		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

LAB USE ... Label Here or List Pace Workorder Number or

WO# : 92659546

92659546

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-1-20230327	GW	Grab	3/27/2023	09:50				8	G	X	X	X								
MS-04-20230327	GW	Grab	3/27/2023	09:50				8	G	X	X	X								
MSD-04-20230327	GW	Grab	3/27/2023	09:50				8	G	X	X	X								
MW-21-20230327	GW	Grab	3/27/2023	09:42				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-38S-20230327	GW	Grab	3/27/2023	11:12				8	G	X	X	X								
MW-39S-20230327	GW	Grab	3/27/2023	11:28				8	G	X	X	X								
MW-38BR-20230327	GW	Grab	3/27/2023	13:48				20	G&P	X	X	X	X	X	X	X	X	X	X	X
MW-39BRL-20230327	GW	Grab	3/27/2023	14:05				20	G&P	X	X	X	X	X	X	X	X	X	X	X
EB-06-20230327	OT	Grab	3/27/2023	15:10				8	G	X	X	X								

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y (N) NA
Custody Signatures Present Y (N) NA
Collector Signature Present (Y) N NA
Bottles Intact (Y) N NA
Correct Bottles (Y) N NA
Sufficient Volume (Y) N NA
Samples Received on Ice (Y) N NA
VOA - Headspace Acceptable (Y) N NA
USDA Regulated Soils Y N (NA)
Samples in Holding Time (Y) N NA
Residual Chlorine Present Y (N) NA
Cl Strips: 2293
Sample pH Acceptable (Y) N NA
pH Strips: 223849BV
Sulfide Present Y N (NA)
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

Samples received via: FEDEX UPS Client (Courier) Pace

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 937082
Cooler 1 Temp Upon Receipt: ___oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: ___oC
Comments:

3.9.5.1

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
9IV W Geosyntec	3/28/23 13:40		3-28-23/13
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
		KBonhamAUL	3/29/1430
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ___ of: ___

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

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

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order # : Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day / Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

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

Container Preservative Type **

3	U	U	2	U	4&5	U	1	1	U	O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Lab Project Manager:

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	VOC (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity, CO2	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-22-20230328	GW	Grab	3/28/2023	09:32				8	G	X	X	X								
MW-40BR-20230328	GW	Grab	3/28/2023	09:50				8	G	X	X	X								
MW-05-20230328	GW	Grab	3/28/2023	10:40				8	G	X	X	X								
MW-39BR-20230328	GW	Grab	3/28/2023	10:39				20	G&P	X	X	X	X	X	X	X	X	X	X	X
EB-07-20230328	OT	Grab	3/28/2023	13:15				8	G	X	X	X								
TB-11-20230328	OT	Grab	3/28/2023					2	G	X										
TB-12-2023-0328	OT	Grab	3/28/2023					2	G	X										

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: 2293			
Sample pH Acceptable	Y	N	NA
pH Strips: 233814BU			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

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

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

Lab Tracking #:

Samples received via: FEDEX UPS Client (Courier) Pace

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 237082
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: ____oC
Comments:
3.9, 5.1

Relinquished by/Company: (Signature) Geosyntec	Date/Time: 3/28/23 13:40	Received by/Company: (Signature)	Date/Time: 3-28-23/1340
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) K Bonham AUL	Date/Time: 14/20 3/20
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

*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

***Check all unpreserved Nitrates for chlorine

Project # **WO#: 92659546**

PM: LJP Due Date: 04/06/23

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)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	VGFU-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	DG9T-40 mL VOA Na2S2O3 (N/A)	DG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	BP7U-50 mL Plastic Unpreserved (N/A)	VG/GK (3 vials per kit)-VPH/Gas kit (N/A)	BP5T-125 mL Sterile Plastic (N/A – lab)	BP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	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		2			2✓	2✓	1✓									3		3	3								2		3
5																3											2		3
6																3											2		3
7		2			2✓	2✓	1✓									3		3	3								2		3
8		2			2✓	2✓	1✓									3		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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace ANALYTICAL SERVICES	**DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt**
	Effective Date: 11/14/2022 8:18:30 AM

***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**

*****Check all unpreserved Nitrates for chlorine**

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-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)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	DG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	BP7U-50 mL Plastic Unpreserved (N/A)	VG/GK (3 vials per kit)-VPH/Gas kit (N/A)	BP5T-125 mL Sterile Plastic (N/A – lab)	BP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		2			2 ✓	2 ✓	1 ✓									3		3	3								2		3
2																3											2		3
3																2													
4																2													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

1. 1

pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt:	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

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

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

April 07, 2023

Andrew Brey
Geosyntec
12802 Tampa Oaks Blvd
Suite 151
Tampa, FL 33637

RE: Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Dear Andrew Brey:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2023. 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,

Lorri Patton

Lorri Patton
lorri.patton@pacelabs.com
1(828)254-7176
Project Manager

Enclosures

cc: Program Manager, Duke Energy
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
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 Laboratory ID: 99030
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: Bramlette MGP J23030238
Pace Project No.: 92659952

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92659952001	**MW-31TZ-20230330**	Water	03/30/23 15:46	03/31/23 12:10

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

SAMPLE ANALYTE COUNT

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92659952001	**MW-31TZ-20230330**	RSK 175 Modified	TEG	3	PASI-C
		EPA 6010D	DBB1	2	PASI-A
		EPA 6010D	DBB1	2	PASI-A
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	EGC	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	KDF1	1	PASI-A

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

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

SUMMARY OF DETECTION

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92659952001	**MW-31TZ-20230330**					
EPA 6010D	Iron	683	ug/L	50.0	04/05/23 12:06	
EPA 6010D	Manganese	124	ug/L	5.0	04/05/23 12:06	
EPA 6010D	Manganese, Dissolved	14.0	ug/L	5.0	04/04/23 13:21	
SM 2320B-2011	Alkalinity, Total as CaCO3	117	mg/L	5.0	04/05/23 16:09	
EPA 300.0 Rev 2.1 1993	Sulfate	3.9	mg/L	1.0	04/01/23 16:46	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.51	mg/L	0.040	04/03/23 14:35	
EPA 9060A	Total Organic Carbon	1.7	mg/L	1.0	04/05/23 17:32	
EPA 9060A	Total Organic Carbon	1.6	mg/L	1.0	04/05/23 17:32	
EPA 9060A	Total Organic Carbon	1.7	mg/L	1.0	04/05/23 17:32	
EPA 9060A	Total Organic Carbon	1.6	mg/L	1.0	04/05/23 17:32	
EPA 9060A	Mean Total Organic Carbon	1.7	mg/L	1.0	04/05/23 17:32	
SM 4500-CO2 D-2011	Carbon dioxide	142	mg/L	5.0	04/07/23 07:27	N2

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **RSK 175 Modified**
Description: RSK 175 Headspace
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was analyzed for RSK 175 Modified 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.

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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was 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: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **EPA 6010D**
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was 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: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was analyzed for SM 2320B-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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was analyzed for EPA 350.1 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was analyzed for EPA 353.2 Rev 2.0 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was analyzed for EPA 9060A 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:

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

PROJECT NARRATIVE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: April 07, 2023

General Information:
1 sample was analyzed for SM 4500-CO2 D-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.

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

ANALYTICAL RESULTS

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Sample: MW-31TZ-20230330 **Lab ID: 92659952001** Collected: 03/30/23 15:46 Received: 03/31/23 12:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
RSK 175 Headspace	Analytical Method: RSK 175 Modified Pace Analytical Services - Charlotte								
Ethane	ND	ug/L	10.0	5.9	1		04/03/23 15:53	74-84-0	
Ethene	ND	ug/L	10.0	5.7	1		04/03/23 15:53	74-85-1	
Methane	ND	ug/L	10.0	5.3	1		04/03/23 15:53	74-82-8	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**683**	ug/L	50.0	41.5	1	04/04/23 10:05	04/05/23 12:06	7439-89-6	
Manganese	**124**	ug/L	5.0	3.4	1	04/04/23 10:05	04/05/23 12:06	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	04/03/23 13:15	04/04/23 13:21	7439-89-6	
Manganese, Dissolved	**14.0**	ug/L	5.0	3.4	1	04/03/23 13:15	04/04/23 13:21	7439-96-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**117**	mg/L	5.0	5.0	1		04/05/23 16:09		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		04/04/23 02:57	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**3.9**	mg/L	1.0	0.50	1		04/01/23 16:46	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		04/04/23 13:52	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.51**	mg/L	0.040	0.017	1		04/03/23 14:35		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.7**	mg/L	1.0	0.50	1		04/05/23 17:32	7440-44-0	
Total Organic Carbon	**1.6**	mg/L	1.0	0.50	1		04/05/23 17:32	7440-44-0	
Total Organic Carbon	**1.7**	mg/L	1.0	0.50	1		04/05/23 17:32	7440-44-0	
Total Organic Carbon	**1.6**	mg/L	1.0	0.50	1		04/05/23 17:32	7440-44-0	
Mean Total Organic Carbon	**1.7**	mg/L	1.0	0.50	1		04/05/23 17:32	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: Bramlette MGP J23030238
Pace Project No.: 92659952

Sample: MW-31TZ-20230330 **Lab ID: 92659952001** Collected: 03/30/23 15:46 Received: 03/31/23 12:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**142**	mg/L	5.0		1		04/07/23 07:27	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 765486
QC Batch Method: RSK 175 Modified
Analysis Method: RSK 175 Modified
Analysis Description: RSK 175 HEADSPACE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92659952001

METHOD BLANK: 3974643 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethane	ug/L	ND	10.0	5.9	04/03/23 15:21	
Ethene	ug/L	ND	10.0	5.7	04/03/23 15:21	
Methane	ug/L	ND	10.0	5.3	04/03/23 15:21	

LABORATORY CONTROL SAMPLE: 3974644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	557	560	100	70-130	
Ethene	ug/L	520	517	99	70-130	
Methane	ug/L	297	290	98	70-130	

MATRIX SPIKE SAMPLE: 3974646

Parameter	Units	92659774001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	ND	557	536	96	70-130	
Ethene	ug/L	ND	520	503	97	70-130	
Methane	ug/L	ND	297	290	96	70-130	

SAMPLE DUPLICATE: 3974645

Parameter	Units	92659952001 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	ND	ND		20	

SAMPLE DUPLICATE: 3974647

Parameter	Units	92659893003 Result	Dup Result	RPD	Max RPD	Qualifiers
Ethane	ug/L	ND	ND		20	
Ethene	ug/L	ND	ND		20	
Methane	ug/L	6.7J	6.1J		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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 765684
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659952001

METHOD BLANK: 3975576 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	04/05/23 11:59	
Manganese	ug/L	ND	5.0	3.4	04/05/23 11:59	

LABORATORY CONTROL SAMPLE: 3975577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5020	100	80-120	
Manganese	ug/L	500	509	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3975578 3975579

Parameter	Units	92659952001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	683	5000	5000	5780	5780	102	102	75-125	0	20	
Manganese	ug/L	124	500	500	643	643	104	104	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
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 765461
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659952001

METHOD BLANK: 3974412 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	04/04/23 13:14	
Manganese, Dissolved	ug/L	ND	5.0	3.4	04/04/23 13:14	

LABORATORY CONTROL SAMPLE: 3974413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4730	95	80-120	
Manganese, Dissolved	ug/L	500	484	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974414 3974415

Parameter	Units	92659952001 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	ND	5000	5000	4560	5020	91	100	75-125	10	20	
Manganese, Dissolved	ug/L	14.0	500	500	475	522	92	102	75-125	9	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 766075
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92659952001

METHOD BLANK: 3977512 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	04/05/23 14:00	

LABORATORY CONTROL SAMPLE: 3977513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.8	104	80-120	

LABORATORY CONTROL SAMPLE: 3977514

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.2	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3977515 3977516

Parameter	Units	92659920001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	66.8	50	50	119	119	104	103	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3977517 3977518

Parameter	Units	92659633009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	53.5	53.1	103	102	80-120	1	25	

Results presented on this page are in 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 MGP J23030238
Pace Project No.: 92659952

QC Batch: 765656
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: 92659952001

METHOD BLANK: 3975502 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	04/04/23 02:56	

LABORATORY CONTROL SAMPLE: 3975503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.47	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3975504 3975505

Parameter	Units	92659952001 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	0.52	0.51	102	100	80-120	2	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 765354
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: 92659952001

METHOD BLANK: 3974002 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	04/01/23 14:27	

LABORATORY CONTROL SAMPLE: 3974003

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	47.8	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974004 3974005

Parameter	Units	92659920001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	4.9	50	50	53.4	56.6	97	104	90-110	6	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974006 3974007

Parameter	Units	92659873001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	9730 ug/L	50	50	60.0	61.2	101	103	90-110	2	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 765701
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659952001

METHOD BLANK: 3975635 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	04/04/23 13:27	

LABORATORY CONTROL SAMPLE: 3975636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.2	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3975637 3975638

Parameter	Units	92659748004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.0	5.0	99	99	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3975639 3975640

Parameter	Units	92659748005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.0	5.0	100	100	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 765431
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659952001

METHOD BLANK: 3974215 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	04/03/23 14:03	

LABORATORY CONTROL SAMPLE: 3974216

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974217 3974218

Parameter	Units	92659783001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.4	2.4	96	96	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3974219 3974220

Parameter	Units	92659783002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.50	2.5	2.5	2.9	2.9	96	96	90-110	0	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

QUALITY CONTROL DATA

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

QC Batch: 766190
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92659952001

METHOD BLANK: 3978188 Matrix: Water
Associated Lab Samples: 92659952001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	04/05/23 16:54	
Total Organic Carbon	mg/L	ND	1.0	0.50	04/05/23 16:54	
Total Organic Carbon	mg/L	ND	1.0	0.50	04/05/23 16:54	
Total Organic Carbon	mg/L	ND	1.0	0.50	04/05/23 16:54	
Total Organic Carbon	mg/L	ND	1.0	0.50	04/05/23 16:54	

LABORATORY CONTROL SAMPLE: 3978189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.5	94	75-125	
Total Organic Carbon	mg/L	25	23.0	92	75-125	
Total Organic Carbon	mg/L	25	23.3	93	75-125	
Total Organic Carbon	mg/L	25	23.9	96	75-125	
Total Organic Carbon	mg/L	25	23.5	94	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3978190 3978191

Parameter	Units	92659952001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	1.7	25	25	25.5	25.8	96	97	75-125	1	25	
Total Organic Carbon	mg/L	1.6	25	25	25.4	25.6	95	96	75-125	1	25	
Total Organic Carbon	mg/L	1.6	25	25	26.0	26.2	98	98	75-125	1	25	
Total Organic Carbon	mg/L	1.7	25	25	25.1	25.5	94	95	75-125	2	25	
Total Organic Carbon	mg/L	1.7	25	25	25.7	26.0	96	97	75-125	1	25	

Results presented on this page are in 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: Bramlette MGP J23030238
Pace Project No.: 92659952

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bramlette MGP J23030238
Pace Project No.: 92659952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92659952001	**MW-31TZ-20230330**	RSK 175 Modified	765486		
92659952001	**MW-31TZ-20230330**	EPA 3010A	765684	EPA 6010D	765874
92659952001	**MW-31TZ-20230330**	EPA 3010A	765461	EPA 6010D	765547
92659952001	**MW-31TZ-20230330**	SM 2320B-2011	766075		
92659952001	**MW-31TZ-20230330**	SM 4500-S2D-2011	765656		
92659952001	**MW-31TZ-20230330**	EPA 300.0 Rev 2.1 1993	765354		
92659952001	**MW-31TZ-20230330**	EPA 350.1 Rev 2.0 1993	765701		
92659952001	**MW-31TZ-20230330**	EPA 353.2 Rev 2.0 1993	765431		
92659952001	**MW-31TZ-20230330**	EPA 9060A	766190		
92659952001	**MW-31TZ-20230330**	SM 4500-CO2 D-2011	766613		

WO#: 92659952

92659952

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

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

Company: Geosyntec	Billing Information:
Address: 201 E. McBee Avenue, Suite 201, Greenville, SC	
Report To: Michael Martin (mmartin@geosyntec.com)	Email To: Abrey@geosyntec.com, sheng.wang@geosyntec.com, mmartin@geosyntec.com
Copy To: Andrew Brey (abrey@geosyntec.com) Sheng Wang (sheng.wang@geosyntec.com)	Site Collection Info/Address: Former Bramlette MGP Site/400 Bramlett Road, Greenville
Customer Project Name/Number: Bramlette MGP/FR7559C	State: SC / County/City: Greenville / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 714-873-8086 Email: jtrotter@geosyntec.com	Site/Facility ID #: BramletteMGP / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): JOHN TROTTER	Purchase Order #: Quote #: / DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

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

Container Preservative Type **: U | 2 | 4&5 | 1 | U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Phosphoric Acid

Analyses — Container Type: Plastic (P) or Glass (G)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	VOCs (8260)	SVOCs (8270)	PAHs (8270SIM)	Nitrate+Nitrite, Ammonia	Sulfate	Sulfide	Alkalinity	Total Fe and Mn	Dissolved Fe and Mn (field filtered)	Dissolved Gases RSK175	TOC
MW-3ITZ-20230330	Water	G	3/30/23	15:46				13				X	X	X	X	X	X	X	X

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet | Packing Material Used: Bubble Bags

LAB Sample Temperature Info: Temp Blank Received: Y / NA; Therm ID#: 9370082; Cooler 1 Temp Upon Receipt: 0.7 oC; Cooler 1 Therm Corr. Factor: 0 oC; Cooler 1 Corrected Temp: 0.7 oC; Comments:

Trip Blank Received: Y (N) NA

Non Conformance(s): NO | Page: ____ of: ____

Lab sample checklist entries (partly legible): 3040; 2238198

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Khynt [signature] Geosyntec GW	3/30/23 12:35	[signature]	3-30-23 / 13
[signature]		A. Rucker / PACE / AVL	3-30-23 1210

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt
	Effective Date: 11/14/2022 8:18:30 AM

WO# : 92659952

PM: LJP Due Date: 04/07/23

CLIENT: 92-Duke Ener

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

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

Project #

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

***Check all unpreserved Nitrates for chlorine

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)	BP4B-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)	DG9H-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SPZT-250 mL Sterile Plastic (N/A – lab)		BP3B-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation Vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		2			2*	2*	1*											3	3									
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

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