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July 12, 2021

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

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

Dear Mr. Cassidy:

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

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

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

- Remedial Investigation Work Plan Addendum (RIWP-A) (submitted and approved on August 6, 2019)
- Remedial Investigation Work Plan Addendum – Former Stormwater Conveyance Ditches (submitted August 26, 2020 and approved September 1, 2020)

Work Performed During this Reporting Period

Activities performed during the second quarter (April 1 through June 30, 2021) are summarized in the table below. A site layout map is included as **Figure 1**. A comprehensive view of the former stormwater-conveyance ditch assessment boring locations is presented on **Figure 2**.

Date	RI Activity
April 1 – April 28, 2021	**Former Stormwater-Conveyance Ditch Borings** – Advanced 68 borings and collected 26 samples to delineate MGP-related impacts to soil/sediment associated with the former stormwater-conveyance ditches on Parcel 3, Parcel 4, and Parcel 5 (**Figure 2**). Samples were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and polychlorinated biphenyls (PCBs) (**Table 1**). All boreholes were abandoned and investigation derived waste (IDW - soil/sediment) was contained and properly disposed. Boring logs are provided in **Attachment B**.
April 5, 2021	**Surface Water and Sediment Sampling –** Collected surface water and sediment samples at four locations along a ditch east of Legacy Charter Elementary (**Figure 1**) for analysis of VOCs, SVOCs, and PCBs (**Table 1**).
April 8, 2021; weekly	**Sorbent Boom Deployment** – Deployed sorbent boom at Location 5 south of the Vaughn Landfill (**Figure 1**). Sorbent boom inspection and maintenance was completed once per week.
May 12 - 18, 2021	**MW-49BR NAPL Baildown and Recovery test –** Removed and contained approximately 2 gallons of NAPL using disposable bailer. NAPL recovery was gauged over a period of 24 hours and 5 days post removal. Little to no recovery was measured.
May – June, 2021	A Remedial Investigation Report Addendum was written during the second quarter and includes work conducted between April 2020 and May 2021.

Summary of Test and Sampling Results Generated During This Reporting Period

A summary of the test and sampling results for work performed during the second quarter (April 1 through June 30, 2021) is provided below:

- Laboratory analytical results for sediment samples collected during April 2021 are summarized in **Table 1**. Analytical laboratory reports are provided in **Attachment A**.
- All constituents in surface water samples collected during April 2021 were less than reporting limits. Analytical laboratory reports are provided in **Attachment A**.
- Boring logs for monitoring wells installed behind Mountain View Baptist Church and from borings advanced as part of ditch assessment activities on Parcels 2 through 5 are included in **Attachment B**.

Environmental Problems Identified During Reporting Period and Their Resolution

No problems were identified during this reporting period.

Work to be Performed During the Next Reporting Period (Third Quarter 2021)

The following activities are scheduled to be conducted during the third quarter of 2021 (July 1 through September 30, 2021). The proposed schedule is subject to change based on safe work practices, weather conditions, site access, availability of subcontractors, and other unforeseen delays. Field work notifications will be provided in accordance with the VCC and access agreements.

Proposed Date	RI Activity
July 2021	Submit RI Report Addendum
August 2021	Submit Semiannual Monitoring Report
September 2021	Perform site-wide groundwater and surface water semi-annual monitoring
Quarter 3 and 4, 2021	Install and maintain surface water Interim Best Management Practices (BMPs) per approved work plan
Weekly	Boom inspection/maintenance
As needed	Beaver dam management (to be completed by a third party)
As needed	Data validation in accordance with the September 2018 QAPP
As needed	IDW disposal – periodically and upon completion of the field program

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

Sincerely,

Richard E. Powell

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

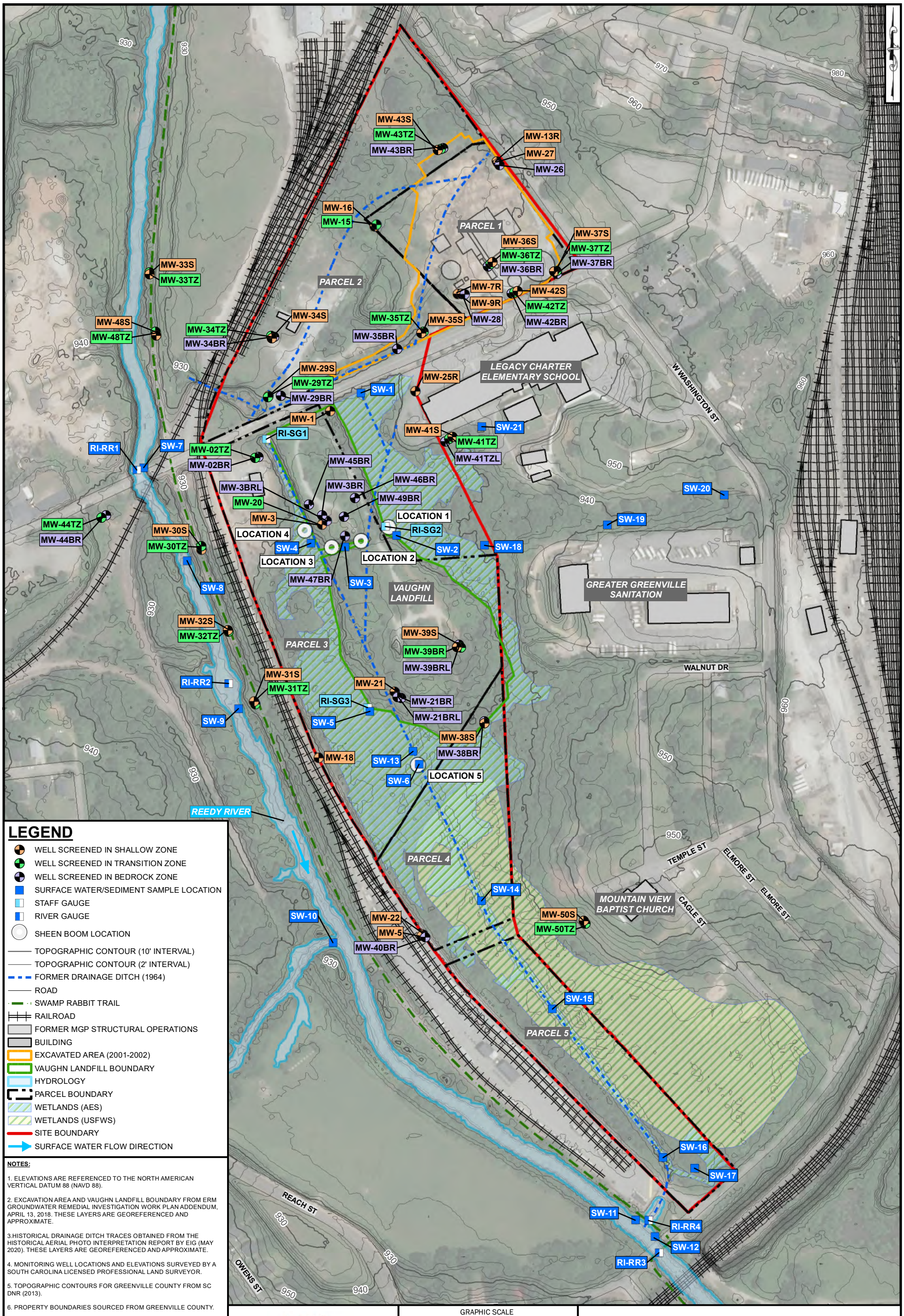
Cc: Kevin Boland, CSXT
Daniel Schmitt, Esq., CSXT
Ty Houck, Greenville County
William W. Brown, Legacy School Properties, LLC
Todd Plating, SynTerra
Matt Flinchum, SynTerra

Attachments: **Figures**
Figure 1 – Site Layout Map
Figure 2 – Ditch Assessment Borings

Table
Table 1 – Summary of Sediment Analytical Results

Attachment A – Analytical Laboratory Reports
Attachment B – Boring Logs

FIGURES



LEGEND

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

NOTES:

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

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

3.HISTORICAL DRAINAGE DITCH TRACES OBTAINED FROM THE HISTORICAL AERIAL PHOTO INTERPRETATION REPORT BY EIG (MAY 2020). THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.

4. MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.

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

6. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.

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

8. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.

9. MAXAR SATELLITE IMAGERY PROVIDED BY ESRI ONLINE IMAGERY SERVICE. IMAGERY COLLECTED ON MAY 3, 2020.

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

DUKE ENERGY CAROLINAS

synTerra

GRAPHIC SCALE
125 0 125 250
(IN FEET)

DRAWN BY: C. WYATT	DATE: 07/01/2021
REVISED BY: R. KIEKHAEFER	DATE: 07/07/2021
CHECKED BY: L. DRAGO	DATE: 07/07/2021
APPROVED BY: L. DRAGO	DATE: 07/07/2021
PROJECT MANAGER: T. PLATING	

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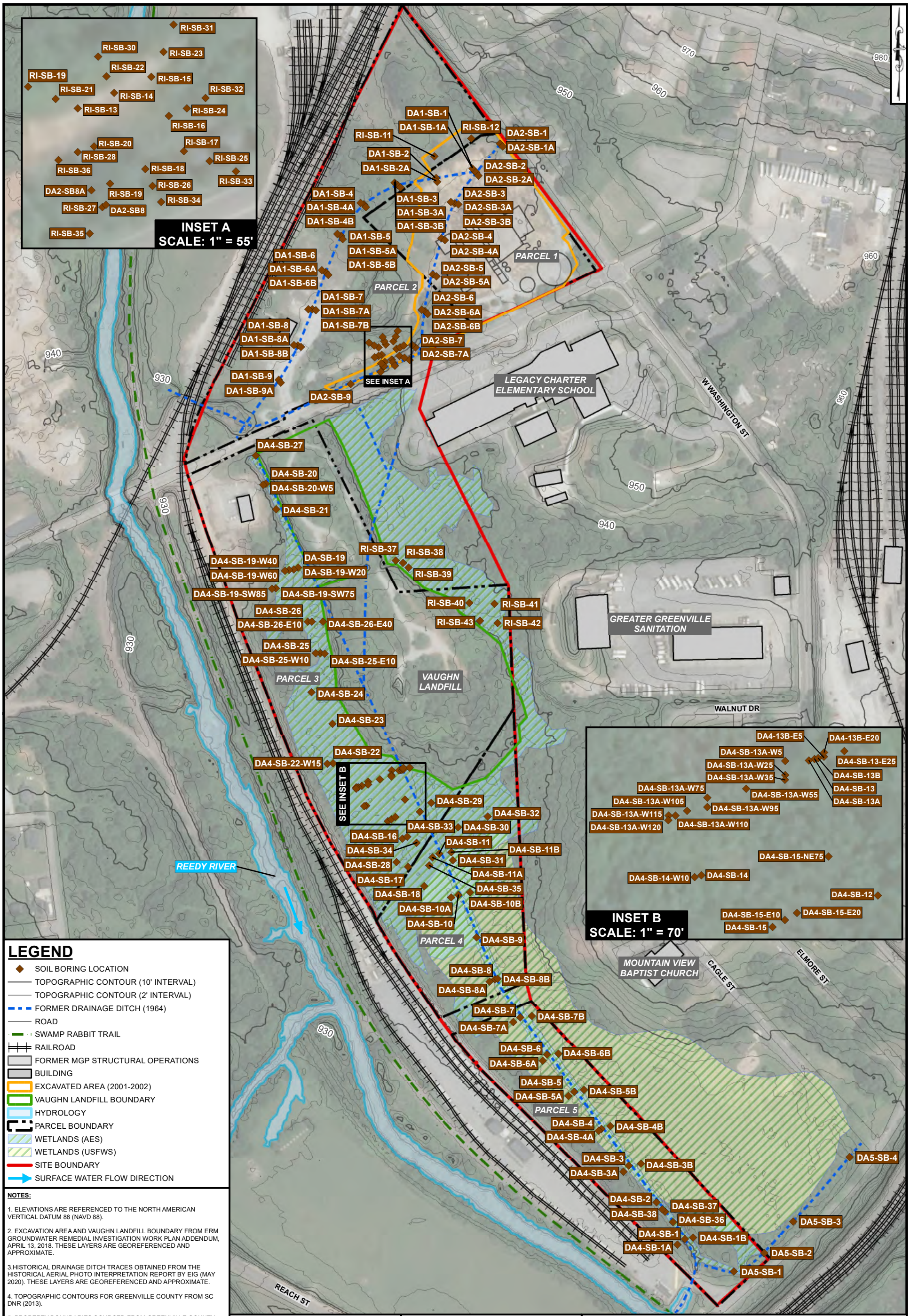
FIGURE 1
SITE LAYOUT MAP
QUARTERLY PROGRESS REPORT - SECOND QUARTER 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



LEGEND

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

synterra

GRAPHIC SCALE
125 0 125 250
(IN FEET)

DRAWN BY: C. WYATT	DATE: 07/01/2021
REVISED BY: C. WYATT	DATE: 07/02/2021
CHECKED BY: L. DRAGO	DATE: 07/02/2021
APPROVED BY: L. DRAGO	DATE: 07/02/2021
PROJECT MANAGER: T. PLATING	

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FIGURE 2
DITCH ASSESSMENT BORINGS
QUARTERLY PROGRESS REPORT - SECOND QUARTER 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

TABLES

TABLE 1
SUMMARY OF SEDIMENT ANALYTICAL RESULTS
QUARTERLY PROGRESS REPORT - SECOND QUARTER 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		8260B (VOA)						8260B (Other VOCs)					8270D (PAH)				
Analytical Parameter		**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes**			**1,3-Dichlorobenzene**	**1,4-Dichlorobenzene**	**Acetone**	**Chlorobenzene**	**Styrene**	**Naphthalene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Acenaphthene**	**Acenaphthylene**
					m,p-Xylenes	**Xylene, o-**	**Xylene (Total)**										
Reporting Units		**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
EPA RSL Industrial Sediment		**5.1**	**25**	**47000**	**2400**	**2800**	**2500**	**NE**	**11**	**670000**	**1300**	**35000**	**17**	**73**	**3000**	**45000**	**NE**
EPA RSL Residential Sediment		**1.2**	**5.8**	**4900**	**560**	**650**	**580**	**NE**	**2.6**	**61000**	**280**	**6000**	**3.8**	**18**	**240**	**3600**	**NE**
EPA R4 Sediment RSV		**2.185**	**1.467**	**2.074**	**NE**	**NE**	**1.074**	**0.468**	**0.468**	**38.133**	**0.939**	**1.621**	**3.85**	**4.46**	**4.47**	**4.91**	**4.52**
Location ID	**Sample Collection Date**	**Analytical Results**															
DA4-SB-01 (0-0.6)	4/1/2021	**0.006 J**	**0.022**	**0.0271**	**0.05**	**0.0293**	**0.0794**	< 0.0113 U	< 0.0113 U	**0.142 J**	< 0.0113 U	< 0.0113 U	**0.244**	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U
DA4-SB-01 (2-2.5)	4/1/2021	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.0173 U	< 0.0087 U	< 0.0173 U	< 0.0087 U	< 0.0087 U	< 0.173 U	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U
DA4-SB-01A (0-0.6)	4/1/2021	< 0.0098 U	**0.005 J**	**0.0091 J**	**0.0125 J**	**0.0075 J**	**0.02**	< 0.0098 U	< 0.0098 U	< 0.195 U	< 0.0098 U	< 0.0098 U	**0.0255**	< 4.92 U	< 4.92 U	< 4.92 U	< 4.92 U
DA4-SB-01A (2-2.5)	4/1/2021	< 0.0094 U	< 0.0094 U	< 0.0094 U	< 0.0187 U	< 0.0094 U	< 0.0187 U	< 0.0094 U	< 0.0094 U	< 0.187 U	< 0.0094 U	< 0.0094 U	< 0.0094 U	< 0.516 U	< 0.516 U	< 0.516 U	< 0.516 U
DA4-SB-01B (0-0.6)	4/1/2021	< 0.01 U	< 0.01 U	< 0.01 U	< 0.0199 U	< 0.01 U	< 0.0199 U	< 0.01 U	< 0.01 U	< 0.199 U	< 0.01 U	< 0.01 U	**0.0092 J**	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U
DA4-SB-01B (2-2.5)	4/1/2021	< 0.0111 U	< 0.0111 U	**0.0109 J**	< 0.0222 U	< 0.0111 U	< 0.0222 U	< 0.0111 U	< 0.0111 U	**0.088 J**	< 0.0111 U	< 0.0111 U	< 0.0111 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U
DA4-SB-02 (0-0.6)	4/1/2021	< 0.0163 U	**0.0133 J**	**0.0428**	**0.0346**	**0.0182**	**0.0527**	< 0.0163 U	< 0.0163 U	**0.143 J**	< 0.0163 U	< 0.0163 U	**0.171**	< 0.685 U	< 0.685 U	< 0.685 U	< 0.685 U
DA4-SB-02 (2-2.5)	4/1/2021	< 0.0074 U	< 0.0074 U	**0.0038 J**	< 0.0147 U	< 0.0074 U	< 0.0147 U	< 0.0074 U	< 0.0074 U	< 0.147 U	< 0.0074 U	< 0.0074 U	**0.0095**	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U
DA4-SB-03 (0-0.6)	4/1/2021	**0.174**	**0.0703**	**0.391**	**0.347**	**0.107**	**0.454**	< 0.033 U	< 0.033 U	**0.586 J**	< 0.033 U	< 0.033 U	**3.35**	< 0.935 U	< 0.935 U	< 0.935 U	< 0.935 U
DA4-SB-03 (4-5)	4/1/2021	< 0.0099 U	< 0.0099 U	< 0.0099 U	**0.0069 J**	< 0.0099 U	**0.0069 J**	< 0.0099 U	< 0.0099 U	< 0.198 U	< 0.0099 U	< 0.0099 U	**0.25**	< 0.499 U	< 0.499 U	< 0.499 U	< 0.499 U
DA4-SB-03A (0-0.6)	4/1/2021	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.0112 U	< 0.0056 U	< 0.0112 U	< 0.0056 U	< 0.0056 U	< 0.112 U	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U
DA4-SB-03A (2-2.5)	4/1/2021	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.0199 U	< 0.0099 U	< 0.0199 U	< 0.0099 U	< 0.0099 U	< 0.199 U	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U
DA4-SB-03B (0-0.6)	4/1/2021	**0.0072 J**	**0.0106 J**	**0.0283**	**0.0363**	**0.0188**	**0.0551**	< 0.0128 U	< 0.0128 U	**0.119 J**	< 0.0128 U	< 0.0128 U	**0.14**	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
DA4-SB-03B (2-2.5)	4/1/2021	< 0.0072 U	< 0.0072 U,IK	< 0.0072 U	< 0.0144 U	< 0.0072 U	< 0.0144 U	< 0.0072 U	< 0.0072 U	< 0.144 U	< 0.0072 U	< 0.0072 U	**0.0131**	< 0.517 U	< 0.517 U	< 0.517 U	< 0.517 U
DA4-SB-13 (0-0.6)	4/5/2021	**0.0753**	**0.035**	**0.0546**	**0.0729**	**0.0245**	**0.0974**	< 0.0129 U	**0.0483**	**0.333**	< 0.0129 U	< 0.0129 U	**1.3**	< 2.69 U	< 2.69 U	< 2.69 U	**1.59 J**
DA4-SB-13 (6.5-7.5)	4/5/2021	**0.17**	**0.278**	**0.144**	**0.31**	**0.228**	**0.538**	< 0.0305 U	< 0.0305 U	< 0.609 U	< 0.0305 U	**0.0252 J**	**18.8**	**0.214 J**	**0.38 J**	**0.246 J**	< 0.446 U
DA4-SB-13A (0-0.6)	4/6/2021	**0.0957**	**0.0635**	**0.1**	**0.158**	**0.0586**	**0.216**	< 0.0398 U	< 0.0398 U	**0.746 J**	< 0.0398 U	< 0.0398 U	**1.98**	< 5.1 U	< 5.1 U	< 5.1 U	**1.83 J**
DA4-SB-13A (5-6)	4/6/2021	< 0.0112 U	< 0.0112 U	< 0.0112 U	< 0.0224 U	< 0.0112 U	< 0.0224 U	< 0.0112 U	< 0.0112 U	< 0.224 U	< 0.0112 U	< 0.0112 U	**0.0237**	< 0.518 U	< 0.518 U	< 0.518 U	**0.52**
DA4-SB-13B (0-0.6)	4/6/2021	< 0.0137 U	< 0.0137 U	**0.0096 J**	**0.0118 J**	< 0.0137 U	**0.0118 J**	< 0.0137 U	< 0.0137 U	**0.189 J**	< 0.0137 U	< 0.0137 U	**0.0601**	< 2.8 U	< 2.8 U	< 2.8 U	**4.12**
DA4-SB-13B (2-2.5)	4/6/2021	< 0.0094 U	< 0.0094 U	< 0.0094 U	< 0.0187 U	< 0.0094 U	< 0.0187 U	< 0.0094 U	< 0.0094 U	< 0.187 U	< 0.0094 U	< 0.0094 U	< 0.0094 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U
RI-SB-37 (0-0.6)	4/6/2021	< 0.0128 U	**0.0064 J**	**0.0101 J**	**0.0166 J**	**0.0079 J**	**0.0245 J**	< 0.0128 U	< 0.0128 U	**0.127 J**	< 0.0128 U	< 0.0128 U	**0.03**	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U
RI-SB-37 (2-2.5)	4/6/2021	< 0.0104 U	< 0.0104 U	< 0.0104 U	< 0.0208 U	< 0.0104 U	< 0.0208 U	< 0.0104 U	< 0.0104 U	< 0.208 U	< 0.0104 U	< 0.0104 U	< 0.0104 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U
RI-SB-38 (0-0.6)	4/6/2021	< 0.0344 U	**0.0272 J**	**0.0505**	**0.0914**	**0.0522**	**0.144**	< 0.0344 U	< 0.0344 U	**0.88**	< 0.0344 U	< 0.0344 U	**0.0867**	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U
RI-SB-38 (2-2.5)	4/6/2021	< 0.0091 U	< 0.0091 U	< 0.0091 U	< 0.0182 U	< 0.0091 U	< 0.0182 U	< 0.0091 U	< 0.0091 U	**0.0612 J**	< 0.0091 U	< 0.0091 U	< 0.0091 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
RI-SB-39 (0-0.6)	4/6/2021	< 0.0134 U	**0.0115 J**	**0.0233**	**0.0468**	**0.0232**	**0.0701**	< 0.0134 U	< 0.0134 U	**0.225 J**	< 0.0134 U	< 0.0134 U	**0.0932**	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U
RI-SB-39 (2-2.5)	4/6/2021	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.0144 U	< 0.0072 U	< 0.0144 U	< 0.0072 U	< 0.0072 U	< 0.144 U	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U
SW-18	4/5/2021	< 0.0131 U	< 0.0131 U	**0.0109 J**	**0.0132 J**	**0.0083 J**	**0.0216 J**	< 0.0131 U	< 0.0131 U	**0.0983 J**	< 0.0131 U	< 0.0131 U	**0.0174**	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U
SW-19	4/5/2021	< 0.0062 U	< 0.0062 U	**0.0037 J**	< 0.0124 U	< 0.0062 U	< 0.0124 U	< 0.0062 U	< 0.0062 U	< 0.124 U	< 0.0062 U	< 0.0062 U	**0.0052 J**	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U
SW-20	4/5/2021	< 0.0057 U	< 0.0057 U	**0.0084**	< 0.0114 U	< 0.0057 U	< 0.0114 U	< 0.0057 U	< 0.0057 U	< 0.114 U	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U
SW-21	4/5/2021	< 0.0064 U	< 0.0064 U	**0.0054 J**	< 0.0128 U	< 0.0064 U	< 0.0128 U	**0.006 J**	**0.0098**	< 0.128 U	**0.0035 J**	< 0.0064 U	< 0.0064 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U

Prepared by: LWD Checked by: JPC

Notes:

This table summarizes only constituents detected at concentrations greater than the reporting limit.

- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the Environmental Protection Agency (EPA) Regional Screening Level (RSL) Industrial Sediment.
- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the EPA Regional Screening Level (RSL) Residential Sediment.
- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the EPA Region 4 (R4) Sediment Refinement Screening Value (RSV).

Bold type indicates that the compound was at a concentration greater than the adjusted method detection limit.

Parenthetical sample depth intervals are appended to the sample ID.

< - Concentration not detected at or greater than the adjusted reporting limit.

mg/kg - milligrams per kilogram

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

SVOC - Semi-volatile organic compound

VOA - Volatile organic aromatic

VOC - Volatile organic compound

j - Estimated concentration greater than the adjusted method detection limit and less than the adjusted reporting limit.

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

TABLE 1
SUMMARY OF SEDIMENT ANALYTICAL RESULTS
QUARTERLY PROGRESS REPORT - SECOND QUARTER 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		8270D (PAH)												
Analytical Parameter		**Anthracene**	**Benzo(a)anthracene**	**Benzo(a)pyrene**	**Benzo(b)fluoranthene**	**Benzo(g,h,i)perylene**	**Benzo(k)fluoranthene**	**Chrysene**	**Dibenz(a,h)anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd)pyrene**	**Phenanthrene**	**Pyrene**
Reporting Units		**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
EPA RSL Industrial Sediment		**230000**	**21**	**2.1**	**21**	**NE**	**210**	**2100**	**2.1**	**30000**	**30000**	**21**	**NE**	**23000**
EPA RSL Residential Sediment		**18000**	**1.1**	**0.11**	**1.1**	**NE**	**11**	**110**	**0.11**	**2400**	**2400**	**1.1**	**NE**	**1800**
EPA R4 Sediment RSV		**5.94**	**8.41**	**9.65**	**9.79**	**10.9**	**9.81**	**8.44**	**11.2**	**7.07**	**5.38**	**11.2**	**5.96**	**6.97**
Location ID	**Sample Collection Date**	**Ananlytical Results (Continued)**												
DA4-SB-01 (0-0.6)	4/1/2021	< 0.545 U	< 0.545 U	**0.143**	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U
DA4-SB-01 (2-2.5)	4/1/2021	< 0.472 U	< 0.472 U	**0.0027 J**	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U	< 0.472 U
DA4-SB-01A (0-0.6	4/1/2021	**3.8 J**	**9.8**	**2.4**	**10.4**	**5.3**	**3.88 J**	**8.5**	< 4.92 U	**24.7**	< 4.92 U	**4.86 J**	**12.1**	**20.5**
DA4-SB-01A (2-2.5	4/1/2021	**0.174 J**	**0.23 J**	**0.0345**	**0.2 J**	< 0.516 U	< 0.516 U	< 0.516 U	< 0.516 U	**0.617**	< 0.516 U	< 0.516 U	**0.667**	**0.509 J**
DA4-SB-01B (0-0.6	4/1/2021	< 0.491 U	< 0.491 U	**0.0187**	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U	< 0.491 U
DA4-SB-01B (2-2.5	4/1/2021	< 0.471 U	< 0.471 U	**0.0093 J**	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U	< 0.471 U
DA4-SB-02 (0-0.6)	4/1/2021	< 0.685 U	**0.408 J**	**0.266**	**0.484 J**	< 0.685 U	< 0.685 U	**0.321 J**	< 0.685 U	**0.608 J**	< 0.685 U	< 0.685 U	< 0.685 U	**0.539 J**
DA4-SB-02 (2-2.5)	4/1/2021	< 0.446 U	< 0.446 U	**0.0238**	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U	< 0.446 U
DA4-SB-03 (0-0.6)	4/1/2021	**0.309 J**	**1.03**	**0.536**	**1.15**	**0.511 J**	**0.512 J**	**0.945**	< 0.935 U	**2.01**	< 0.935 U	**0.504 J**	**0.572 J**	**1.77**
DA4-SB-03 (4-5)	4/1/2021	< 0.499 U	< 0.499 U	**0.0489**	< 0.499 U	< 0.499 U	< 0.499 U	< 0.499 U	< 0.499 U	**0.262 J**	< 0.499 U	< 0.499 U	**0.174 J**	**0.229 J**
DA4-SB-03A (0-0.6	4/1/2021	< 0.473 U	< 0.473 U	**0.0085 J**	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U	< 0.473 U
DA4-SB-03A (2-2.5	4/1/2021	< 0.514 U	< 0.514 U	**0.0507**	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U	< 0.514 U
DA4-SB-03B (0-0.6	4/1/2021	< 0.55 U	**0.546 J**	**0.862**	**0.633**	**0.301 J**	**0.287 J**	**0.518 J**	< 0.55 U	**0.907**	< 0.55 U	**0.264 J**	**0.301 J**	**0.808**
DA4-SB-03B (2-2.5	4/1/2021	**0.293 J**	**0.764**	**0.777**	**0.803**	**0.353 J**	**0.294 J**	**0.693**	< 0.517 U	**1.57**	< 0.517 U	**0.337 J**	**0.557**	**1.29**
DA4-SB-13 (0-0.6)	4/5/2021	**1.54 J**	**4.43**	**3.41**	**4.84**	**2 J**	**2.21 J**	**3.44**	< 2.69 U	**9.72**	< 2.69 U	**1.85 J**	**3**	**7.17**
DA4-SB-13 (6.5-7.5	4/5/2021	**0.215 J**	**0.298 J**	**3.85**	**0.29 J**	< 0.446 U	< 0.446 U	**0.228 J**	< 0.446 U	**0.71**	< 0.446 U	< 0.446 U	**0.553**	**0.51**
DA4-SB-13A (0-0.6	4/6/2021	**4.53 J**	**9.22**	**44.1**	**8.45**	**5.01 J**	**4.35 J**	**6.7**	< 5.1 U	**20.2**	**2.36 J**	**4.49 J**	**15.8**	**19.6**
DA4-SB-13A (5-6)	4/6/2021	**0.728**	**1.96**	**8.74**	**1.95**	**0.734**	**0.722**	**1.36**	< 0.518 U	**3.84**	**0.264 J**	**0.704**	**1.49**	**2.79**
DA4-SB-13B (0-0.6	4/6/2021	**5.93**	**13.7**	**3.29**	**12.8**	**4.86**	**5.3**	**10.3**	**1.37 J**	**26.3**	**1.96 J**	**4.84**	**16.8**	**18.8**
DA4-SB-13B (2-2.5	4/6/2021	< 0.502 U	< 0.502 U	**0.182**	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U	< 0.502 U
RI-SB-37 (0-0.6)	4/6/2021	< 0.596 U	< 0.596 U	**0.016 J**	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U	< 0.596 U
RI-SB-37 (2-2.5)	4/6/2021	< 0.545 U	< 0.545 U	< 0.0162 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U	< 0.545 U
RI-SB-38 (0-0.6)	4/6/2021	< 1.06 U	< 1.06 U	**0.0169 J**	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U
RI-SB-38 (2-2.5)	4/6/2021	< 0.496 U	< 0.496 U	< 0.015 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
RI-SB-39 (0-0.6)	4/6/2021	< 0.623 U	< 0.623 U	**0.0159 J**	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U	< 0.623 U
RI-SB-39 (2-2.5)	4/6/2021	< 0.451 U	< 0.451 U	**0.0016 J**	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U	< 0.451 U
SW-18	4/5/2021	< 0.601 U	< 0.601 U	**0.0059 J**	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U	< 0.601 U
SW-19	4/5/2021	< 0.396 U	< 0.396 U	**0.0152**	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U	< 0.396 U
SW-20	4/5/2021	< 0.391 U	< 0.391 U	**0.0105 J**	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U	< 0.391 U
SW-21	4/5/2021	< 0.41 U	**0.198 J**	**0.0085 J**	**0.331 J**	**0.168 J**	< 0.41 U	**0.206 J**	< 0.41 U	**0.302 J**	< 0.41 U	< 0.41 U	< 0.41 U	**0.245 J**

Prepared by: LWD Checked by: JPC

Notes:

This table summarizes only constituents detected at concentrations greater than the reporting limit.

- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the Environmental Protection Agency (EPA) Regional Screening Level (RSL) Industrial Sediment.
- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the EPA Regional Screening Level (RSL) Residential Sediment.
- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the EPA Region 4 (R4) Sediment Refinement Screening Value (RSV).

Bold type indicates that the compound was at a concentration greater than the adjusted method detection limit.

Parenthetical sample depth intervals are appended to the sample ID.

< - Concentration not detected at or greater than the adjusted reporting limit.

mg/kg - milligrams per kilogram

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

SVOC - Semi-volatile organic compound

VOA - Volatile organic aromatic

VOC - Volatile organic compound

j - Estimated concentration greater than the adjusted method detection limit and less than the adjusted reporting limit.

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

TABLE 1
SUMMARY OF SEDIMENT ANALYTICAL RESULTS
QUARTERLY PROGRESS REPORT - SECOND QUARTER 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		8270D (Other SVOC)									
Analytical Parameter		**1,2,4-Trichlorobenzene**	**1,2,4-Trimethylbenzene**	**1,3,5-Trimethylbenzene**	**2-Butanone (MEK)**	**4-Methyl-2-pentanone (MIBK)**	**Isopropylbenzene (Cumene)**	**n-Propylbenzene**	**PCB-1248 (Aroclor 1248)**	**PCB-1260 (Aroclor 1260)**	**p-Isopropyltoluene**
Reporting Units		**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
EPA RSL Industrial Sediment		**110**	**1800**	**1500**	**190000**	**140000**	**9900**	**24000**	**0.94**	**0.99**	**NE**
EPA RSL Residential Sediment		**24**	**300**	**270**	**27000**	**33000**	**1900**	**3800**	**0.23**	**0.24**	**NE**
EPA R4 Sediment RSV		**0.485**	**0.361**	**0.354**	**22.707**	**8.165**	**0.713**	**NE**	**NE**	**NE**	**0.242**
Location ID	**Sample Collection Date**	**Ananlytical Results (Continued)**									
DA4-SB-01 (0-0.6)	4/1/2021	< 0.0113 U	**0.0328**	**0.0133**	**0.0606 J**	< 0.113 U	**0.0065 J**	**0.007 J**	< 0.0541 U	< 0.0541 U	**0.0063 J**
DA4-SB-01 (2-2.5)	4/1/2021	< 0.0087 U	< 0.0087 U	< 0.0087 U	< 0.173 U	< 0.0867 U	< 0.0087 U	< 0.0087 U	< 0.0475 U	< 0.0475 U	< 0.0087 U
DA4-SB-01A (0-0.6)	4/1/2021	< 0.0098 U	**0.0066 J**	< 0.0098 U	< 0.195 U	< 0.0977 U	< 0.0098 U	< 0.0098 U	< 0.0491 U	< 0.0491 U	< 0.0098 U
DA4-SB-01A (2-2.5)	4/1/2021	< 0.0094 U	< 0.0094 U	< 0.0094 U	< 0.187 U	< 0.0937 U	< 0.0094 U	< 0.0094 U	< 0.0514 U	< 0.0514 U	< 0.0094 U
DA4-SB-01B (0-0.6)	4/1/2021	< 0.01 U	< 0.01 U	< 0.01 U	< 0.199 U	< 0.0997 U	< 0.01 U	< 0.01 U	< 0.0491 U	< 0.0491 U	< 0.01 U
DA4-SB-01B (2-2.5)	4/1/2021	< 0.0111 U	< 0.0111 U	< 0.0111 U	< 0.222 U	< 0.111 U	< 0.0111 U	< 0.0111 U	< 0.0485 U	< 0.0485 U	< 0.0111 U
DA4-SB-02 (0-0.6)	4/1/2021	< 0.0163 U	**0.0186**	< 0.0163 U	< 0.327 U	< 0.163 U	< 0.0163 U	< 0.0163 U	< 0.339 U	**0.279 J**	**0.0089 J**
DA4-SB-02 (2-2.5)	4/1/2021	< 0.0074 U	< 0.0074 U	< 0.0074 U	< 0.147 U	< 0.0736 U	< 0.0074 U	< 0.0074 U	< 0.0451 U	< 0.0451 U	< 0.0074 U
DA4-SB-03 (0-0.6)	4/1/2021	< 0.033 U	**0.109**	**0.0536**	**0.278 J**	< 0.33 U	**0.0206 J**	**0.019 J**	< 0.458 U	< 0.458 U	**0.0376**
DA4-SB-03 (4-5)	4/1/2021	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.198 U	< 0.0991 U	**0.0071 J**	< 0.0099 U	< 0.0499 U	< 0.0499 U	< 0.0099 U
DA4-SB-03A (0-0.6)	4/1/2021	< 0.0056 U	< 0.0056 U	< 0.0056 U	< 0.112 U	< 0.056 U	< 0.0056 U	< 0.0056 U	< 0.0485 U	< 0.0485 U	< 0.0056 U
DA4-SB-03A (2-2.5)	4/1/2021	< 0.0099 U	< 0.0099 U	< 0.0099 U	< 0.199 U	< 0.0993 U	< 0.0099 U	< 0.0099 U	< 0.0514 U	< 0.0514 U	< 0.0099 U
DA4-SB-03B (0-0.6)	4/1/2021	< 0.0128 U	**0.0172**	**0.0057 J**	< 0.256 U	< 0.128 U	< 0.0128 U	< 0.0128 U	< 0.277 U	< 0.277 U	**0.0077 J**
DA4-SB-03B (2-2.5)	4/1/2021	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.144 U	< 0.072 U	< 0.0072 U	< 0.0072 U	< 0.259 U	< 0.259 U	< 0.0072 U
DA4-SB-13 (0-0.6)	4/5/2021	**0.0231**	**0.0265**	**0.0118 J**	**0.119 J**	< 0.129 U	**0.0068 J**	< 0.0129 U	< 0.534 U	**1.84**	< 0.0129 U
DA4-SB-13 (6.5-7.5)	4/5/2021	< 0.0305 U	**0.331**	**0.129**	< 0.609 U	< 0.305 U	**0.0268 J**	< 0.0305 U	< 0.0458 U	< 0.0458 U	**0.0367**
DA4-SB-13A (0-0.6)	4/6/2021	< 0.0398 U	**0.0761**	**0.0376 J**	**0.365 J**	< 0.398 U	**0.035 J**	< 0.0398 U	< 0.522 U	**1.41**	< 0.0398 U
DA4-SB-13A (5-6)	4/6/2021	< 0.0112 U	< 0.0112 U	< 0.0112 U	< 0.224 U	< 0.112 U	< 0.0112 U	< 0.0112 U	< 0.534 U	< 0.534 U	< 0.0112 U
DA4-SB-13B (0-0.6)	4/6/2021	< 0.0137 U	< 0.0137 U	< 0.0137 U	< 0.273 U	< 0.137 U	< 0.0137 U	< 0.0137 U	< 0.57 U	< 0.57 U	< 0.0137 U
DA4-SB-13B (2-2.5)	4/6/2021	< 0.0094 U	< 0.0094 U	< 0.0094 U	< 0.187 U	< 0.0937 U	< 0.0094 U	< 0.0094 U	< 0.0507 U	< 0.0507 U	< 0.0094 U
RI-SB-37 (0-0.6)	4/6/2021	< 0.0128 U	**0.0086 J**	< 0.0128 U	< 0.256 U	< 0.128 U	< 0.0128 U	< 0.0128 U	< 0.0606 U	< 0.0606 U	< 0.0128 U
RI-SB-37 (2-2.5)	4/6/2021	< 0.0104 U	< 0.0104 U	< 0.0104 U	< 0.208 U	< 0.104 U	< 0.0104 U	< 0.0104 U	**0.123**	< 0.0531 U	< 0.0104 U
RI-SB-38 (0-0.6)	4/6/2021	< 0.0344 U	**0.0463**	< 0.0344 U	**0.365 J**	< 0.344 U	< 0.0344 U	< 0.0344 U	< 0.217 U	< 0.217 U	**0.0173 J**
RI-SB-38 (2-2.5)	4/6/2021	< 0.0091 U	< 0.0091 U	< 0.0091 U	< 0.182 U	< 0.091 U	< 0.0091 U	< 0.0091 U	< 0.0495 U	< 0.0495 U	< 0.0091 U
RI-SB-39 (0-0.6)	4/6/2021	< 0.0134 U	**0.0252**	**0.0125 J**	**0.093 J**	< 0.134 U	< 0.0134 U	< 0.0134 U	< 0.0609 U	< 0.0609 U	**0.0153**
RI-SB-39 (2-2.5)	4/6/2021	< 0.0072 U	< 0.0072 U	< 0.0072 U	< 0.144 U	< 0.072 U	< 0.0072 U	< 0.0072 U	< 0.045 U	< 0.045 U	< 0.0072 U
SW-18	4/5/2021	< 0.0131 U	**0.0083 J**	< 0.0131 U	< 0.262 U	< 0.131 U	< 0.0131 U	< 0.0131 U	< 0.0593 U	< 0.0593 U	< 0.0131 U
SW-19	4/5/2021	< 0.0062 U	< 0.0062 U	< 0.0062 U	< 0.124 U	< 0.0618 U	< 0.0062 U	< 0.0062 U	< 0.0398 U	< 0.0398 U	< 0.0062 U
SW-20	4/5/2021	< 0.0057 U	< 0.0057 U	< 0.0057 U	< 0.114 U	**0.0157 J**	< 0.0057 U	< 0.0057 U	< 0.0393 U	< 0.0393 U	< 0.0057 U
SW-21	4/5/2021	**0.0089**	< 0.0064 U	< 0.0064 U	< 0.128 U	< 0.0641 U	< 0.0064 U	< 0.0064 U	< 0.0413 U	**0.0352 J**	< 0.0064 U

Prepared by: LWD Checked by: JPC

Notes:

This table summarizes only constituents detected at concentrations greater than the reporting limit.

- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the Environmental Protection Agency (EPA) Regional Screening Level (RSL) Industrial Sediment.
- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the EPA Regional Screening Level (RSL) Residential Sediment.
- Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the EPA Region 4 (R4) Sediment Refinement Screening Value (RSV).

Bold type indicates that the compound was at a concentration greater than the adjusted method detection limit.

Parenthetical sample depth intervals are appended to the sample ID.

< - Concentration not detected at or greater than the adjusted reporting limit.

mg/kg - milligrams per kilogram

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

SVOC - Semi-volatile organic compound

VOA - Volatile organic aromatic

VOC - Volatile organic compound

j - Estimated concentration greater than the adjusted method detection limit and less than the adjusted reporting limit.

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

ATTACHMENT A

ANALYTICAL LABORATORY REPORTS

[PROVIDED ELECTRONICALLY]

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

April 09, 2021

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

RE: Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Dear Program Manager:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

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

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

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

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

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531093001	**DA4-SB-1 (0-0.6)**	Solid	04/01/21 09:00	04/02/21 09:40
92531093002	**DA4-SB-1 (2-2.5)**	Solid	04/01/21 09:20	04/02/21 09:40
92531093003	**DA4-SB-1A (0-0.6)**	Solid	04/01/21 10:30	04/02/21 09:40
92531093004	**DA4-SB-1A (2-2.5)**	Solid	04/01/21 10:45	04/02/21 09:40
92531093005	**DA4-SB-1B (0-0.6)**	Solid	04/01/21 09:40	04/02/21 09:40
92531093006	**DA4-SB-1B (2-2.5)**	Solid	04/01/21 10:00	04/02/21 09:40
92531093007	**DA4-SB-2 (0-0.6)**	Solid	04/01/21 11:15	04/02/21 09:40
92531093008	**DA4-SB-2 (2-2.5)**	Solid	04/01/21 11:30	04/02/21 09:40
92531093009	**DA4-SB-3 (0-0.6)**	Solid	04/01/21 13:15	04/02/21 09:40
92531093010	**DA4-SB-3 (4-5)**	Solid	04/01/21 13:30	04/02/21 09:40
92531093011	**DA4-SB-3A (0-0.6)**	Solid	04/01/21 14:20	04/02/21 09:40
92531093012	**DA4-SB-3A (2-2.5)**	Solid	04/01/21 14:40	04/02/21 09:40
92531093013	**DA4-SB-3B (0-0.6)**	Solid	04/01/21 13:45	04/02/21 09:40
92531093014	**DA4-SB-3B (2-2.5)**	Solid	04/01/21 14:05	04/02/21 09:40
92531093015	**TRIP BLANK**	Water	04/02/21 00:00	04/02/21 09:40
92531093016	**EB-2**	Water	04/01/21 14:30	04/02/21 09:40

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531093001	**DA4-SB-1 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093002	**DA4-SB-1 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093003	**DA4-SB-1A (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093004	**DA4-SB-1A (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093005	**DA4-SB-1B (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093006	**DA4-SB-1B (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093007	**DA4-SB-2 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093008	**DA4-SB-2 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	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: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093009	**DA4-SB-3 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093010	**DA4-SB-3 (4-5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093011	**DA4-SB-3A (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093012	**DA4-SB-3A (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093013	**DA4-SB-3B (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093014	**DA4-SB-3B (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093015	**TRIP BLANK**	EPA 8260D	SAS	62	PASI-C
92531093016	**EB-2**	EPA 8270E	PKS	67	PASI-C
		EPA 8260D	SAS	62	PASI-C

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093001	**DA4-SB-1 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	143	ug/kg	16.5	04/08/21 07:12	
EPA 8260D	Acetone	142J	ug/kg	226	04/05/21 20:58	
EPA 8260D	Benzene	6.0J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	2-Butanone (MEK)	60.6J	ug/kg	226	04/05/21 20:58	
EPA 8260D	Ethylbenzene	22.0	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Isopropylbenzene (Cumene)	6.5J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	p-Isopropyltoluene	6.3J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Naphthalene	244	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	n-Propylbenzene	7.0J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Toluene	27.1	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	1,2,4-Trimethylbenzene	32.8	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	1,3,5-Trimethylbenzene	13.3	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Xylene (Total)	79.4	ug/kg	22.6	04/05/21 20:58	
EPA 8260D	m&p-Xylene	50.0	ug/kg	22.6	04/05/21 20:58	
EPA 8260D	o-Xylene	29.3	ug/kg	11.3	04/05/21 20:58	
SW-846	Percent Moisture	39.0	%	0.10	04/05/21 13:07	N2
92531093002	**DA4-SB-1 (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	2.7J	ug/kg	14.5	04/08/21 07:32	
SW-846	Percent Moisture	30.5	%	0.10	04/05/21 13:07	N2
92531093003	**DA4-SB-1A (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	2400	ug/kg	76.4	04/08/21 13:57	
EPA 8270E	Anthracene	3800J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(a)anthracene	9800	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(b)fluoranthene	10400	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(g,h,i)perylene	5300	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(k)fluoranthene	3880J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Chrysene	8500	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Fluoranthene	24700	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4860J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Phenanthrene	12100	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Pyrene	20500	ug/kg	4920	04/07/21 20:14	
EPA 8260D	Ethylbenzene	5.0J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Naphthalene	25.5	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Toluene	9.1J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	1,2,4-Trimethylbenzene	6.6J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Xylene (Total)	20.0	ug/kg	19.5	04/05/21 21:34	
EPA 8260D	m&p-Xylene	12.5J	ug/kg	19.5	04/05/21 21:34	
EPA 8260D	o-Xylene	7.5J	ug/kg	9.8	04/05/21 21:34	
SW-846	Percent Moisture	33.9	%	0.10	04/05/21 13:07	N2
92531093004	**DA4-SB-1A (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	34.5	ug/kg	15.6	04/08/21 08:12	
EPA 8270E	Anthracene	174J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Benzo(a)anthracene	230J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Benzo(b)fluoranthene	200J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Fluoranthene	617	ug/kg	516	04/07/21 17:07	
EPA 8270E	Phenanthrene	667	ug/kg	516	04/07/21 17:07	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093004	**DA4-SB-1A (2-2.5)**					
EPA 8270E	Pyrene	509J	ug/kg	516	04/07/21 17:07	
SW-846	Percent Moisture	35.4	%	0.10	04/05/21 13:07	N2
92531093005	**DA4-SB-1B (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	18.7	ug/kg	15.2	04/08/21 08:33	
EPA 8260D	Naphthalene	9.2J	ug/kg	10	04/05/21 22:10	
SW-846	Percent Moisture	33.5	%	0.10	04/05/21 13:07	N2
92531093006	**DA4-SB-1B (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	9.3J	ug/kg	14.7	04/08/21 08:53	
EPA 8260D	Acetone	88.0J	ug/kg	222	04/05/21 22:28	
EPA 8260D	Toluene	10.9J	ug/kg	11.1	04/05/21 22:28	
SW-846	Percent Moisture	31.1	%	0.10	04/05/21 13:19	N2
92531093007	**DA4-SB-2 (0-0.6)**					
EPA 8082A	PCB-1260 (Aroclor 1260)	279J	ug/kg	339	04/07/21 20:53	
EPA 8270E	Benzo(a)pyrene	266	ug/kg	20.8	04/08/21 09:13	
EPA 8270E	Benzo(a)anthracene	408J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Benzo(b)fluoranthene	484J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Chrysene	321J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Fluoranthene	608J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Pyrene	539J	ug/kg	685	04/07/21 18:38	
EPA 8260D	Acetone	143J	ug/kg	327	04/05/21 22:46	
EPA 8260D	Ethylbenzene	13.3J	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	p-Isopropyltoluene	8.9J	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Naphthalene	171	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Toluene	42.8	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	1,2,4-Trimethylbenzene	18.6	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Xylene (Total)	52.7	ug/kg	32.7	04/05/21 22:46	
EPA 8260D	m&p-Xylene	34.6	ug/kg	32.7	04/05/21 22:46	
EPA 8260D	o-Xylene	18.2	ug/kg	16.3	04/05/21 22:46	
SW-846	Percent Moisture	51.4	%	0.10	04/05/21 13:19	N2
92531093008	**DA4-SB-2 (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	23.8	ug/kg	13.7	04/08/21 09:33	
EPA 8260D	Naphthalene	9.5	ug/kg	7.4	04/05/21 23:04	
EPA 8260D	Toluene	3.8J	ug/kg	7.4	04/05/21 23:04	
SW-846	Percent Moisture	26.0	%	0.10	04/05/21 13:19	N2
92531093009	**DA4-SB-3 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	536	ug/kg	28.2	04/08/21 09:54	
EPA 8270E	Anthracene	309J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(a)anthracene	1030	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(b)fluoranthene	1150	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(g,h,i)perylene	511J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(k)fluoranthene	512J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Chrysene	945	ug/kg	935	04/07/21 19:39	
EPA 8270E	Fluoranthene	2010	ug/kg	935	04/07/21 19:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	504J	ug/kg	935	04/07/21 19:39	

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093009	**DA4-SB-3 (0-0.6)**					
EPA 8270E	Phenanthrene	572J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Pyrene	1770	ug/kg	935	04/07/21 19:39	
EPA 8260D	Acetone	586J	ug/kg	660	04/05/21 23:22	
EPA 8260D	Benzene	174	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	2-Butanone (MEK)	278J	ug/kg	660	04/05/21 23:22	
EPA 8260D	Ethylbenzene	70.3	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Isopropylbenzene (Cumene)	20.6J	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	p-Isopropyltoluene	37.6	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Naphthalene	3350	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	n-Propylbenzene	19.0J	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Toluene	391	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	1,2,4-Trimethylbenzene	109	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	1,3,5-Trimethylbenzene	53.6	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Xylene (Total)	454	ug/kg	66.0	04/05/21 23:22	
EPA 8260D	m&p-Xylene	347	ug/kg	66.0	04/05/21 23:22	
EPA 8260D	o-Xylene	107	ug/kg	33.0	04/05/21 23:22	
SW-846	Percent Moisture	64.2	%	0.10	04/05/21 13:19	N2
92531093010	**DA4-SB-3 (4-5)**					
EPA 8270E	Benzo(a)pyrene	48.9	ug/kg	15.1	04/08/21 10:14	
EPA 8270E	Fluoranthene	262J	ug/kg	499	04/07/21 20:09	
EPA 8270E	Phenanthrene	174J	ug/kg	499	04/07/21 20:09	
EPA 8270E	Pyrene	229J	ug/kg	499	04/07/21 20:09	
EPA 8260D	Isopropylbenzene (Cumene)	7.1J	ug/kg	9.9	04/05/21 23:40	
EPA 8260D	Naphthalene	250	ug/kg	9.9	04/05/21 23:40	
EPA 8260D	Xylene (Total)	6.9J	ug/kg	19.8	04/05/21 23:40	
EPA 8260D	m&p-Xylene	6.9J	ug/kg	19.8	04/05/21 23:40	
SW-846	Percent Moisture	33.0	%	0.10	04/05/21 13:19	N2
92531093011	**DA4-SB-3A (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	8.5J	ug/kg	14.3	04/08/21 10:34	
SW-846	Percent Moisture	31.2	%	0.10	04/05/21 13:19	N2
92531093012	**DA4-SB-3A (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	50.7	ug/kg	15.7	04/08/21 10:55	
SW-846	Percent Moisture	35.6	%	0.10	04/05/21 13:19	N2
92531093013	**DA4-SB-3B (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	862	ug/kg	16.7	04/08/21 11:15	
EPA 8270E	Benzo(a)anthracene	546J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(b)fluoranthene	633	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(g,h,i)perylene	301J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(k)fluoranthene	287J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Chrysene	518J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Fluoranthene	907	ug/kg	550	04/07/21 21:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	264J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Phenanthrene	301J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Pyrene	808	ug/kg	550	04/07/21 21:39	
EPA 8260D	Acetone	119J	ug/kg	256	04/06/21 00:34	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093013	**DA4-SB-3B (0-0.6)**					
EPA 8260D	Benzene	7.2J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Ethylbenzene	10.6J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	p-Isopropyltoluene	7.7J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Naphthalene	140	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Toluene	28.3	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	1,2,4-Trimethylbenzene	17.2	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	1,3,5-Trimethylbenzene	5.7J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Xylene (Total)	55.1	ug/kg	25.6	04/06/21 00:34	
EPA 8260D	m&p-Xylene	36.3	ug/kg	25.6	04/06/21 00:34	
EPA 8260D	o-Xylene	18.8	ug/kg	12.8	04/06/21 00:34	
SW-846	Percent Moisture	40.4	%	0.10	04/05/21 13:19	N2
92531093014	**DA4-SB-3B (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	777	ug/kg	15.9	04/08/21 11:35	
EPA 8270E	Anthracene	293J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(a)anthracene	764	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(b)fluoranthene	803	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(g,h,i)perylene	353J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(k)fluoranthene	294J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Chrysene	693	ug/kg	517	04/07/21 22:09	
EPA 8270E	Fluoranthene	1570	ug/kg	517	04/07/21 22:09	
EPA 8270E	Indeno(1,2,3-cd)pyrene	337J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Phenanthrene	557	ug/kg	517	04/07/21 22:09	
EPA 8270E	Pyrene	1290	ug/kg	517	04/07/21 22:09	
EPA 8260D	Naphthalene	13.1	ug/kg	7.2	04/06/21 01:11	
SW-846	Percent Moisture	36.2	%	0.10	04/05/21 13:20	N2

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 09, 2021

General Information:
14 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 611971

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-2 (0-0.6) (Lab ID: 92531093007)
  - Decachlorobiphenyl (S)
- DA4-SB-3 (0-0.6) (Lab ID: 92531093009)
  - Decachlorobiphenyl (S)
- DA4-SB-3B (0-0.6) (Lab ID: 92531093013)
  - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 09, 2021

Analyte Comments:

QC Batch: 611971

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-3B (2-2.5) (Lab ID: 92531093014)
  - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 09, 2021

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

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

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

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

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

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

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

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: 611696

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: 3219929)
  - 2-Nitrophenol

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

QC Batch: 611696

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912007

R1: RPD value was outside control limits.

- MSD (Lab ID: 3219931)
  - 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 09, 2021

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 09, 2021

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 3546 with any exceptions noted below.

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

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

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

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

QC Batch: 611973

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3221188)
  - Terphenyl-d14 (S)

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 09, 2021

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 3546 with any exceptions noted below.

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

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

QC Batch: 611949

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.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene

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.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol

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: 611949

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 09, 2021

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 611949

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 09, 2021

General Information:
2 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: 611379

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: 3218751)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- EB-2 (Lab ID: 92531093016)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3218752)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3218753)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MSD (Lab ID: 3218754)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531093015)
  - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 09, 2021

QC Batch: 611379

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

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene

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.

QC Batch: 611379

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531049002

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

- MS (Lab ID: 3218753)
  - 1,1,1,2-Tetrachloroethane
  - Benzene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 09, 2021

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.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

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

QC Batch: 611477

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

- DA4-SB-3B (2-2.5) (Lab ID: 92531093014)
  - Bromomethane
  - Ethylbenzene
- MS (Lab ID: 3219025)
  - Bromomethane
  - Ethylbenzene

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

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

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

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

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

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

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

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 09, 2021

Additional Comments:

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

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	54.1	19.8	1	04/07/21 12:56	04/07/21 17:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	54.1	20.9	1	04/07/21 12:56	04/07/21 17:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	54.1	19.0	1	04/07/21 12:56	04/07/21 17:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	54.1	10.2	1	04/07/21 12:56	04/07/21 17:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	54.1	13.5	1	04/07/21 12:56	04/07/21 17:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	54.1	10.2	1	04/07/21 12:56	04/07/21 17:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	54.1	12.9	1	04/07/21 12:56	04/07/21 17:04	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	71	%	10-160		1	04/07/21 12:56	04/07/21 17:04	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**143**	ug/kg	16.5	1.7	1	04/07/21 12:58	04/08/21 07:12	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/07/21 12:58	04/08/21 07:12	321-60-8	
Nitrobenzene-d5 (S)	84	%	32-130		1	04/07/21 12:58	04/08/21 07:12	4165-60-0	
Terphenyl-d14 (S)	96	%	24-130		1	04/07/21 12:58	04/08/21 07:12	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	83-32-9	
Acenaphthylene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	208-96-8	
Aniline	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	62-53-3	
Anthracene	ND	ug/kg	545	178	1	04/07/21 13:00	04/07/21 16:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	545	182	1	04/07/21 13:00	04/07/21 16:07	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	545	182	1	04/07/21 13:00	04/07/21 16:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	545	211	1	04/07/21 13:00	04/07/21 16:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	207-08-9	
Benzoic Acid	ND	ug/kg	2720	1170	1	04/07/21 13:00	04/07/21 16:07	65-85-0	
Benzyl alcohol	ND	ug/kg	1090	413	1	04/07/21 13:00	04/07/21 16:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	545	230	1	04/07/21 13:00	04/07/21 16:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1090	383	1	04/07/21 13:00	04/07/21 16:07	59-50-7	
4-Chloroaniline	ND	ug/kg	1090	428	1	04/07/21 13:00	04/07/21 16:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	545	226	1	04/07/21 13:00	04/07/21 16:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	545	216	1	04/07/21 13:00	04/07/21 16:07	91-58-7	
2-Chlorophenol	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	545	203	1	04/07/21 13:00	04/07/21 16:07	7005-72-3	
Chrysene	ND	ug/kg	545	198	1	04/07/21 13:00	04/07/21 16:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	53-70-3	
Dibenzofuran	ND	ug/kg	545	197	1	04/07/21 13:00	04/07/21 16:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1090	368	1	04/07/21 13:00	04/07/21 16:07	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	545	200	1	04/07/21 13:00	04/07/21 16:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	545	226	1	04/07/21 13:00	04/07/21 16:07	105-67-9	
Dimethylphthalate	ND	ug/kg	545	198	1	04/07/21 13:00	04/07/21 16:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	545	183	1	04/07/21 13:00	04/07/21 16:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1090	509	1	04/07/21 13:00	04/07/21 16:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2720	1680	1	04/07/21 13:00	04/07/21 16:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	545	200	1	04/07/21 13:00	04/07/21 16:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	545	215	1	04/07/21 13:00	04/07/21 16:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	545	211	1	04/07/21 13:00	04/07/21 16:07	117-81-7	
Fluoranthene	ND	ug/kg	545	187	1	04/07/21 13:00	04/07/21 16:07	206-44-0	
Fluorene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	545	312	1	04/07/21 13:00	04/07/21 16:07	77-47-4	
Hexachloroethane	ND	ug/kg	545	208	1	04/07/21 13:00	04/07/21 16:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	545	215	1	04/07/21 13:00	04/07/21 16:07	193-39-5	
Isophorone	ND	ug/kg	545	243	1	04/07/21 13:00	04/07/21 16:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	545	218	1	04/07/21 13:00	04/07/21 16:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	545	223	1	04/07/21 13:00	04/07/21 16:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	545	220	1	04/07/21 13:00	04/07/21 16:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2720	446	1	04/07/21 13:00	04/07/21 16:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2720	428	1	04/07/21 13:00	04/07/21 16:07	99-09-2	
4-Nitroaniline	ND	ug/kg	1090	414	1	04/07/21 13:00	04/07/21 16:07	100-01-6	
Nitrobenzene	ND	ug/kg	545	253	1	04/07/21 13:00	04/07/21 16:07	98-95-3	
2-Nitrophenol	ND	ug/kg	545	236	1	04/07/21 13:00	04/07/21 16:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2720	1050	1	04/07/21 13:00	04/07/21 16:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	545	183	1	04/07/21 13:00	04/07/21 16:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	545	193	1	04/07/21 13:00	04/07/21 16:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	545	259	1	04/07/21 13:00	04/07/21 16:07	108-60-1	
Pentachlorophenol	ND	ug/kg	1090	533	1	04/07/21 13:00	04/07/21 16:07	87-86-5	
Phenanthrene	ND	ug/kg	545	178	1	04/07/21 13:00	04/07/21 16:07	85-01-8	
Phenol	ND	ug/kg	545	243	1	04/07/21 13:00	04/07/21 16:07	108-95-2	
Pyrene	ND	ug/kg	545	221	1	04/07/21 13:00	04/07/21 16:07	129-00-0	
Pyridine	ND	ug/kg	545	172	1	04/07/21 13:00	04/07/21 16:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	545	249	1	04/07/21 13:00	04/07/21 16:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	545	225	1	04/07/21 13:00	04/07/21 16:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	04/07/21 13:00	04/07/21 16:07	4165-60-0	
2-Fluorobiphenyl (S)	33	%	19-130		1	04/07/21 13:00	04/07/21 16:07	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	04/07/21 13:00	04/07/21 16:07	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	04/07/21 13:00	04/07/21 16:07	13127-88-3	
2-Fluorophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 16:07	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 16:07	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**142J**	ug/kg	226	72.6	1	04/05/21 14:44	04/05/21 20:58	67-64-1	
Benzene	**6.0J**	ug/kg	11.3	4.5	1	04/05/21 14:44	04/05/21 20:58	71-43-2	
Bromobenzene	ND	ug/kg	11.3	3.7	1	04/05/21 14:44	04/05/21 20:58	108-86-1	
Bromochloromethane	ND	ug/kg	11.3	3.3	1	04/05/21 14:44	04/05/21 20:58	74-97-5	
Bromodichloromethane	ND	ug/kg	11.3	4.4	1	04/05/21 14:44	04/05/21 20:58	75-27-4	
Bromoform	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	75-25-2	
Bromomethane	ND	ug/kg	22.6	17.9	1	04/05/21 14:44	04/05/21 20:58	74-83-9	
2-Butanone (MEK)	**60.6J**	ug/kg	226	54.3	1	04/05/21 14:44	04/05/21 20:58	78-93-3	
n-Butylbenzene	ND	ug/kg	11.3	5.3	1	04/05/21 14:44	04/05/21 20:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.3	4.2	1	04/05/21 14:44	04/05/21 20:58	56-23-5	
Chlorobenzene	ND	ug/kg	11.3	2.2	1	04/05/21 14:44	04/05/21 20:58	108-90-7	
Chloroethane	ND	ug/kg	22.6	8.7	1	04/05/21 14:44	04/05/21 20:58	75-00-3	
Chloroform	ND	ug/kg	11.3	6.9	1	04/05/21 14:44	04/05/21 20:58	67-66-3	
Chloromethane	ND	ug/kg	22.6	9.5	1	04/05/21 14:44	04/05/21 20:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.3	2.0	1	04/05/21 14:44	04/05/21 20:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.3	4.4	1	04/05/21 14:44	04/05/21 20:58	96-12-8	
Dibromochloromethane	ND	ug/kg	11.3	6.4	1	04/05/21 14:44	04/05/21 20:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	106-93-4	
Dibromomethane	ND	ug/kg	11.3	2.4	1	04/05/21 14:44	04/05/21 20:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.3	4.1	1	04/05/21 14:44	04/05/21 20:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.3	3.5	1	04/05/21 14:44	04/05/21 20:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.3	2.9	1	04/05/21 14:44	04/05/21 20:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.6	4.9	1	04/05/21 14:44	04/05/21 20:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.3	4.7	1	04/05/21 14:44	04/05/21 20:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.3	7.5	1	04/05/21 14:44	04/05/21 20:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.3	4.7	1	04/05/21 14:44	04/05/21 20:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.3	3.9	1	04/05/21 14:44	04/05/21 20:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.3	3.4	1	04/05/21 14:44	04/05/21 20:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.3	3.5	1	04/05/21 14:44	04/05/21 20:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.3	3.7	1	04/05/21 14:44	04/05/21 20:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.3	5.4	1	04/05/21 14:44	04/05/21 20:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.3	3.9	1	04/05/21 14:44	04/05/21 20:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	108-20-3	
Ethylbenzene	**22.0**	ug/kg	11.3	5.3	1	04/05/21 14:44	04/05/21 20:58	100-41-4	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	22.6	18.5	1	04/05/21 14:44	04/05/21 20:58	87-68-3	
2-Hexanone	ND	ug/kg	113	10.9	1	04/05/21 14:44	04/05/21 20:58	591-78-6	
Isopropylbenzene (Cumene)	**6.5J**	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	98-82-8	
p-Isopropyltoluene	**6.3J**	ug/kg	11.3	5.6	1	04/05/21 14:44	04/05/21 20:58	99-87-6	
Methylene Chloride	ND	ug/kg	45.3	31.0	1	04/05/21 14:44	04/05/21 20:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	113	10.9	1	04/05/21 14:44	04/05/21 20:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.3	4.2	1	04/05/21 14:44	04/05/21 20:58	1634-04-4	
Naphthalene	**244**	ug/kg	11.3	6.0	1	04/05/21 14:44	04/05/21 20:58	91-20-3	
n-Propylbenzene	**7.0J**	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	103-65-1	
Styrene	ND	ug/kg	11.3	3.0	1	04/05/21 14:44	04/05/21 20:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.3	4.3	1	04/05/21 14:44	04/05/21 20:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.3	3.0	1	04/05/21 14:44	04/05/21 20:58	79-34-5	
Tetrachloroethene	ND	ug/kg	11.3	3.6	1	04/05/21 14:44	04/05/21 20:58	127-18-4	
Toluene	**27.1**	ug/kg	11.3	3.2	1	04/05/21 14:44	04/05/21 20:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.3	9.1	1	04/05/21 14:44	04/05/21 20:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.3	9.5	1	04/05/21 14:44	04/05/21 20:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.3	5.9	1	04/05/21 14:44	04/05/21 20:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	79-00-5	
Trichloroethene	ND	ug/kg	11.3	2.9	1	04/05/21 14:44	04/05/21 20:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.3	6.2	1	04/05/21 14:44	04/05/21 20:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.3	5.7	1	04/05/21 14:44	04/05/21 20:58	96-18-4	
1,2,4-Trimethylbenzene	**32.8**	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	95-63-6	
1,3,5-Trimethylbenzene	**13.3**	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	108-67-8	
Vinyl acetate	ND	ug/kg	113	8.2	1	04/05/21 14:44	04/05/21 20:58	108-05-4	
Vinyl chloride	ND	ug/kg	22.6	5.7	1	04/05/21 14:44	04/05/21 20:58	75-01-4	
Xylene (Total)	**79.4**	ug/kg	22.6	6.4	1	04/05/21 14:44	04/05/21 20:58	1330-20-7	
m&p-Xylene	**50.0**	ug/kg	22.6	7.7	1	04/05/21 14:44	04/05/21 20:58	179601-23-1	
o-Xylene	**29.3**	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/05/21 14:44	04/05/21 20:58	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 20:58	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 20:58	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**39.0**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	47.5	17.4	1	04/07/21 12:56	04/07/21 17:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	47.5	18.3	1	04/07/21 12:56	04/07/21 17:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	47.5	16.6	1	04/07/21 12:56	04/07/21 17:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	47.5	9.0	1	04/07/21 12:56	04/07/21 17:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	47.5	11.9	1	04/07/21 12:56	04/07/21 17:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	47.5	8.9	1	04/07/21 12:56	04/07/21 17:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	47.5	11.4	1	04/07/21 12:56	04/07/21 17:33	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-160		1	04/07/21 12:56	04/07/21 17:33	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**2.7J**	ug/kg	14.5	1.5	1	04/07/21 12:58	04/08/21 07:32	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/07/21 12:58	04/08/21 07:32	321-60-8	
Nitrobenzene-d5 (S)	79	%	32-130		1	04/07/21 12:58	04/08/21 07:32	4165-60-0	
Terphenyl-d14 (S)	56	%	24-130		1	04/07/21 12:58	04/08/21 07:32	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	83-32-9	
Acenaphthylene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	208-96-8	
Aniline	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	62-53-3	
Anthracene	ND	ug/kg	472	154	1	04/07/21 13:00	04/07/21 16:37	120-12-7	
Benzo(a)anthracene	ND	ug/kg	472	157	1	04/07/21 13:00	04/07/21 16:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	472	157	1	04/07/21 13:00	04/07/21 16:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	472	183	1	04/07/21 13:00	04/07/21 16:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	04/07/21 13:00	04/07/21 16:37	65-85-0	
Benzyl alcohol	ND	ug/kg	943	357	1	04/07/21 13:00	04/07/21 16:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	101-55-3	
Butylbenzylphthalate	ND	ug/kg	472	199	1	04/07/21 13:00	04/07/21 16:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	943	332	1	04/07/21 13:00	04/07/21 16:37	59-50-7	
4-Chloroaniline	ND	ug/kg	943	370	1	04/07/21 13:00	04/07/21 16:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	472	196	1	04/07/21 13:00	04/07/21 16:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	111-44-4	
2-Chloronaphthalene	ND	ug/kg	472	187	1	04/07/21 13:00	04/07/21 16:37	91-58-7	
2-Chlorophenol	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	472	176	1	04/07/21 13:00	04/07/21 16:37	7005-72-3	
Chrysene	ND	ug/kg	472	172	1	04/07/21 13:00	04/07/21 16:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	53-70-3	
Dibenzofuran	ND	ug/kg	472	170	1	04/07/21 13:00	04/07/21 16:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	943	319	1	04/07/21 13:00	04/07/21 16:37	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	472	173	1	04/07/21 13:00	04/07/21 16:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	472	196	1	04/07/21 13:00	04/07/21 16:37	105-67-9	
Dimethylphthalate	ND	ug/kg	472	172	1	04/07/21 13:00	04/07/21 16:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	472	159	1	04/07/21 13:00	04/07/21 16:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	943	440	1	04/07/21 13:00	04/07/21 16:37	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/07/21 13:00	04/07/21 16:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	472	173	1	04/07/21 13:00	04/07/21 16:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	472	186	1	04/07/21 13:00	04/07/21 16:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	472	183	1	04/07/21 13:00	04/07/21 16:37	117-81-7	
Fluoranthene	ND	ug/kg	472	162	1	04/07/21 13:00	04/07/21 16:37	206-44-0	
Fluorene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	86-73-7	
Hexachlorobenzene	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	472	270	1	04/07/21 13:00	04/07/21 16:37	77-47-4	
Hexachloroethane	ND	ug/kg	472	180	1	04/07/21 13:00	04/07/21 16:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	472	186	1	04/07/21 13:00	04/07/21 16:37	193-39-5	
Isophorone	ND	ug/kg	472	210	1	04/07/21 13:00	04/07/21 16:37	78-59-1	
1-Methylnaphthalene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	90-12-0	
2-Methylnaphthalene	ND	ug/kg	472	189	1	04/07/21 13:00	04/07/21 16:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	472	193	1	04/07/21 13:00	04/07/21 16:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	472	190	1	04/07/21 13:00	04/07/21 16:37	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	386	1	04/07/21 13:00	04/07/21 16:37	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	04/07/21 13:00	04/07/21 16:37	99-09-2	
4-Nitroaniline	ND	ug/kg	943	359	1	04/07/21 13:00	04/07/21 16:37	100-01-6	
Nitrobenzene	ND	ug/kg	472	219	1	04/07/21 13:00	04/07/21 16:37	98-95-3	
2-Nitrophenol	ND	ug/kg	472	204	1	04/07/21 13:00	04/07/21 16:37	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	912	1	04/07/21 13:00	04/07/21 16:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	472	159	1	04/07/21 13:00	04/07/21 16:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	472	167	1	04/07/21 13:00	04/07/21 16:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	472	224	1	04/07/21 13:00	04/07/21 16:37	108-60-1	
Pentachlorophenol	ND	ug/kg	943	462	1	04/07/21 13:00	04/07/21 16:37	87-86-5	
Phenanthrene	ND	ug/kg	472	154	1	04/07/21 13:00	04/07/21 16:37	85-01-8	
Phenol	ND	ug/kg	472	210	1	04/07/21 13:00	04/07/21 16:37	108-95-2	
Pyrene	ND	ug/kg	472	192	1	04/07/21 13:00	04/07/21 16:37	129-00-0	
Pyridine	ND	ug/kg	472	149	1	04/07/21 13:00	04/07/21 16:37	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	472	216	1	04/07/21 13:00	04/07/21 16:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	472	194	1	04/07/21 13:00	04/07/21 16:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	04/07/21 13:00	04/07/21 16:37	4165-60-0	
2-Fluorobiphenyl (S)	52	%	19-130		1	04/07/21 13:00	04/07/21 16:37	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	04/07/21 13:00	04/07/21 16:37	1718-51-0	
Phenol-d6 (S)	73	%	18-130		1	04/07/21 13:00	04/07/21 16:37	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	04/07/21 13:00	04/07/21 16:37	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	68	%	18-130		1	04/07/21 13:00	04/07/21 16:37	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	173	55.6	1	04/05/21 14:44	04/05/21 21:16	67-64-1	
Benzene	ND	ug/kg	8.7	3.4	1	04/05/21 14:44	04/05/21 21:16	71-43-2	
Bromobenzene	ND	ug/kg	8.7	2.8	1	04/05/21 14:44	04/05/21 21:16	108-86-1	
Bromochloromethane	ND	ug/kg	8.7	2.6	1	04/05/21 14:44	04/05/21 21:16	74-97-5	
Bromodichloromethane	ND	ug/kg	8.7	3.3	1	04/05/21 14:44	04/05/21 21:16	75-27-4	
Bromoform	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	75-25-2	
Bromomethane	ND	ug/kg	17.3	13.7	1	04/05/21 14:44	04/05/21 21:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	173	41.6	1	04/05/21 14:44	04/05/21 21:16	78-93-3	
n-Butylbenzene	ND	ug/kg	8.7	4.1	1	04/05/21 14:44	04/05/21 21:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.7	3.2	1	04/05/21 14:44	04/05/21 21:16	56-23-5	
Chlorobenzene	ND	ug/kg	8.7	1.7	1	04/05/21 14:44	04/05/21 21:16	108-90-7	
Chloroethane	ND	ug/kg	17.3	6.7	1	04/05/21 14:44	04/05/21 21:16	75-00-3	
Chloroform	ND	ug/kg	8.7	5.3	1	04/05/21 14:44	04/05/21 21:16	67-66-3	
Chloromethane	ND	ug/kg	17.3	7.3	1	04/05/21 14:44	04/05/21 21:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.7	1.5	1	04/05/21 14:44	04/05/21 21:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.7	3.4	1	04/05/21 14:44	04/05/21 21:16	96-12-8	
Dibromochloromethane	ND	ug/kg	8.7	4.9	1	04/05/21 14:44	04/05/21 21:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	106-93-4	
Dibromomethane	ND	ug/kg	8.7	1.9	1	04/05/21 14:44	04/05/21 21:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.3	3.8	1	04/05/21 14:44	04/05/21 21:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.7	3.6	1	04/05/21 14:44	04/05/21 21:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.7	5.7	1	04/05/21 14:44	04/05/21 21:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.7	3.6	1	04/05/21 14:44	04/05/21 21:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.7	2.6	1	04/05/21 14:44	04/05/21 21:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.7	2.8	1	04/05/21 14:44	04/05/21 21:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.7	4.2	1	04/05/21 14:44	04/05/21 21:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.7	2.4	1	04/05/21 14:44	04/05/21 21:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	108-20-3	
Ethylbenzene	ND	ug/kg	8.7	4.0	1	04/05/21 14:44	04/05/21 21:16	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	17.3	14.2	1	04/05/21 14:44	04/05/21 21:16	87-68-3	
2-Hexanone	ND	ug/kg	86.7	8.4	1	04/05/21 14:44	04/05/21 21:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.7	4.3	1	04/05/21 14:44	04/05/21 21:16	99-87-6	
Methylene Chloride	ND	ug/kg	34.7	23.7	1	04/05/21 14:44	04/05/21 21:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	86.7	8.4	1	04/05/21 14:44	04/05/21 21:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.7	3.2	1	04/05/21 14:44	04/05/21 21:16	1634-04-4	
Naphthalene	ND	ug/kg	8.7	4.6	1	04/05/21 14:44	04/05/21 21:16	91-20-3	
n-Propylbenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	103-65-1	
Styrene	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.7	3.3	1	04/05/21 14:44	04/05/21 21:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	79-34-5	
Tetrachloroethene	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	127-18-4	
Toluene	ND	ug/kg	8.7	2.5	1	04/05/21 14:44	04/05/21 21:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.7	7.0	1	04/05/21 14:44	04/05/21 21:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.7	7.3	1	04/05/21 14:44	04/05/21 21:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.7	4.5	1	04/05/21 14:44	04/05/21 21:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	79-00-5	
Trichloroethene	ND	ug/kg	8.7	2.2	1	04/05/21 14:44	04/05/21 21:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.7	4.8	1	04/05/21 14:44	04/05/21 21:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.7	4.4	1	04/05/21 14:44	04/05/21 21:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.7	2.4	1	04/05/21 14:44	04/05/21 21:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	108-67-8	
Vinyl acetate	ND	ug/kg	86.7	6.3	1	04/05/21 14:44	04/05/21 21:16	108-05-4	
Vinyl chloride	ND	ug/kg	17.3	4.4	1	04/05/21 14:44	04/05/21 21:16	75-01-4	
Xylene (Total)	ND	ug/kg	17.3	4.9	1	04/05/21 14:44	04/05/21 21:16	1330-20-7	
m&p-Xylene	ND	ug/kg	17.3	5.9	1	04/05/21 14:44	04/05/21 21:16	179601-23-1	
o-Xylene	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 21:16	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/05/21 14:44	04/05/21 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/05/21 21:16	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**30.5**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.1	18.0	1	04/07/21 12:56	04/07/21 18:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.1	18.9	1	04/07/21 12:56	04/07/21 18:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.1	17.2	1	04/07/21 12:56	04/07/21 18:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.1	9.3	1	04/07/21 12:56	04/07/21 18:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.1	12.3	1	04/07/21 12:56	04/07/21 18:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.1	9.2	1	04/07/21 12:56	04/07/21 18:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.1	11.7	1	04/07/21 12:56	04/07/21 18:01	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	36	%	10-160		1	04/07/21 12:56	04/07/21 18:01	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**2400**	ug/kg	76.4	7.9	5	04/07/21 12:58	04/08/21 13:57	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	62	%	31-130		1	04/07/21 12:58	04/08/21 07:52	321-60-8	
Nitrobenzene-d5 (S)	80	%	32-130		1	04/07/21 12:58	04/08/21 07:52	4165-60-0	
Terphenyl-d14 (S)	102	%	24-130		1	04/07/21 12:58	04/08/21 07:52	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	83-32-9	
Acenaphthylene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	208-96-8	
Aniline	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	62-53-3	
Anthracene	**3800J**	ug/kg	4920	1610	10	04/07/21 13:00	04/07/21 20:14	120-12-7	
Benzo(a)anthracene	**9800**	ug/kg	4920	1640	10	04/07/21 13:00	04/07/21 20:14	56-55-3	
Benzo(b)fluoranthene	**10400**	ug/kg	4920	1640	10	04/07/21 13:00	04/07/21 20:14	205-99-2	
Benzo(g,h,i)perylene	**5300**	ug/kg	4920	1910	10	04/07/21 13:00	04/07/21 20:14	191-24-2	
Benzo(k)fluoranthene	**3880J**	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	207-08-9	
Benzoic Acid	ND	ug/kg	24600	10600	10	04/07/21 13:00	04/07/21 20:14	65-85-0	
Benzyl alcohol	ND	ug/kg	9850	3730	10	04/07/21 13:00	04/07/21 20:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	4920	2070	10	04/07/21 13:00	04/07/21 20:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	9850	3460	10	04/07/21 13:00	04/07/21 20:14	59-50-7	
4-Chloroaniline	ND	ug/kg	9850	3860	10	04/07/21 13:00	04/07/21 20:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	4920	2040	10	04/07/21 13:00	04/07/21 20:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	4920	1950	10	04/07/21 13:00	04/07/21 20:14	91-58-7	
2-Chlorophenol	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	4920	1840	10	04/07/21 13:00	04/07/21 20:14	7005-72-3	
Chrysene	**8500**	ug/kg	4920	1790	10	04/07/21 13:00	04/07/21 20:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	53-70-3	
Dibenzofuran	ND	ug/kg	4920	1780	10	04/07/21 13:00	04/07/21 20:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	9850	3330	10	04/07/21 13:00	04/07/21 20:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	4920	1810	10	04/07/21 13:00	04/07/21 20:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	4920	2040	10	04/07/21 13:00	04/07/21 20:14	105-67-9	
Dimethylphthalate	ND	ug/kg	4920	1790	10	04/07/21 13:00	04/07/21 20:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	4920	1660	10	04/07/21 13:00	04/07/21 20:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9850	4600	10	04/07/21 13:00	04/07/21 20:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	24600	15200	10	04/07/21 13:00	04/07/21 20:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	4920	1810	10	04/07/21 13:00	04/07/21 20:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	4920	1940	10	04/07/21 13:00	04/07/21 20:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	4920	1910	10	04/07/21 13:00	04/07/21 20:14	117-81-7	
Fluoranthene	**24700**	ug/kg	4920	1690	10	04/07/21 13:00	04/07/21 20:14	206-44-0	
Fluorene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	86-73-7	
Hexachlorobenzene	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	4920	2820	10	04/07/21 13:00	04/07/21 20:14	77-47-4	v2
Hexachloroethane	ND	ug/kg	4920	1880	10	04/07/21 13:00	04/07/21 20:14	67-72-1	
Indeno(1,2,3-cd)pyrene	**4860J**	ug/kg	4920	1940	10	04/07/21 13:00	04/07/21 20:14	193-39-5	
Isophorone	ND	ug/kg	4920	2190	10	04/07/21 13:00	04/07/21 20:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	4920	1970	10	04/07/21 13:00	04/07/21 20:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	4920	2010	10	04/07/21 13:00	04/07/21 20:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	4920	1980	10	04/07/21 13:00	04/07/21 20:14	15831-10-4	
2-Nitroaniline	ND	ug/kg	24600	4030	10	04/07/21 13:00	04/07/21 20:14	88-74-4	
3-Nitroaniline	ND	ug/kg	24600	3860	10	04/07/21 13:00	04/07/21 20:14	99-09-2	IL
4-Nitroaniline	ND	ug/kg	9850	3750	10	04/07/21 13:00	04/07/21 20:14	100-01-6	
Nitrobenzene	ND	ug/kg	4920	2280	10	04/07/21 13:00	04/07/21 20:14	98-95-3	v1
2-Nitrophenol	ND	ug/kg	4920	2130	10	04/07/21 13:00	04/07/21 20:14	88-75-5	
4-Nitrophenol	ND	ug/kg	24600	9520	10	04/07/21 13:00	04/07/21 20:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	4920	1660	10	04/07/21 13:00	04/07/21 20:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	4920	1750	10	04/07/21 13:00	04/07/21 20:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	4920	2340	10	04/07/21 13:00	04/07/21 20:14	108-60-1	v1
Pentachlorophenol	ND	ug/kg	9850	4820	10	04/07/21 13:00	04/07/21 20:14	87-86-5	v2
Phenanthrene	**12100**	ug/kg	4920	1610	10	04/07/21 13:00	04/07/21 20:14	85-01-8	
Phenol	ND	ug/kg	4920	2190	10	04/07/21 13:00	04/07/21 20:14	108-95-2	
Pyrene	**20500**	ug/kg	4920	2000	10	04/07/21 13:00	04/07/21 20:14	129-00-0	
Pyridine	ND	ug/kg	4920	1550	10	04/07/21 13:00	04/07/21 20:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	4920	2250	10	04/07/21 13:00	04/07/21 20:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	4920	2030	10	04/07/21 13:00	04/07/21 20:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	0	%	21-130		10	04/07/21 13:00	04/07/21 20:14	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	19-130		10	04/07/21 13:00	04/07/21 20:14	321-60-8	S4
Terphenyl-d14 (S)	0	%	15-130		10	04/07/21 13:00	04/07/21 20:14	1718-51-0	S4
Phenol-d6 (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	13127-88-3	S4
2-Fluorophenol (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	367-12-4	S4

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	118-79-6	S4
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	195	62.7	1	04/05/21 14:44	04/05/21 21:34	67-64-1	
Benzene	ND	ug/kg	9.8	3.9	1	04/05/21 14:44	04/05/21 21:34	71-43-2	
Bromobenzene	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	108-86-1	
Bromochloromethane	ND	ug/kg	9.8	2.9	1	04/05/21 14:44	04/05/21 21:34	74-97-5	
Bromodichloromethane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	75-27-4	
Bromoform	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	75-25-2	
Bromomethane	ND	ug/kg	19.5	15.4	1	04/05/21 14:44	04/05/21 21:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	195	46.9	1	04/05/21 14:44	04/05/21 21:34	78-93-3	
n-Butylbenzene	ND	ug/kg	9.8	4.6	1	04/05/21 14:44	04/05/21 21:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.8	3.7	1	04/05/21 14:44	04/05/21 21:34	56-23-5	
Chlorobenzene	ND	ug/kg	9.8	1.9	1	04/05/21 14:44	04/05/21 21:34	108-90-7	
Chloroethane	ND	ug/kg	19.5	7.5	1	04/05/21 14:44	04/05/21 21:34	75-00-3	
Chloroform	ND	ug/kg	9.8	5.9	1	04/05/21 14:44	04/05/21 21:34	67-66-3	
Chloromethane	ND	ug/kg	19.5	8.2	1	04/05/21 14:44	04/05/21 21:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.8	1.7	1	04/05/21 14:44	04/05/21 21:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	96-12-8	
Dibromochloromethane	ND	ug/kg	9.8	5.5	1	04/05/21 14:44	04/05/21 21:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	106-93-4	
Dibromomethane	ND	ug/kg	9.8	2.1	1	04/05/21 14:44	04/05/21 21:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.8	3.0	1	04/05/21 14:44	04/05/21 21:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.8	2.5	1	04/05/21 14:44	04/05/21 21:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.5	4.2	1	04/05/21 14:44	04/05/21 21:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.8	4.0	1	04/05/21 14:44	04/05/21 21:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.8	6.5	1	04/05/21 14:44	04/05/21 21:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.8	4.0	1	04/05/21 14:44	04/05/21 21:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.8	2.9	1	04/05/21 14:44	04/05/21 21:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.8	3.0	1	04/05/21 14:44	04/05/21 21:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.8	4.7	1	04/05/21 14:44	04/05/21 21:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.8	2.7	1	04/05/21 14:44	04/05/21 21:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	108-20-3	
Ethylbenzene	**5.0J**	ug/kg	9.8	4.6	1	04/05/21 14:44	04/05/21 21:34	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.5	16.0	1	04/05/21 14:44	04/05/21 21:34	87-68-3	
2-Hexanone	ND	ug/kg	97.7	9.4	1	04/05/21 14:44	04/05/21 21:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.8	4.8	1	04/05/21 14:44	04/05/21 21:34	99-87-6	
Methylene Chloride	ND	ug/kg	39.1	26.8	1	04/05/21 14:44	04/05/21 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	97.7	9.4	1	04/05/21 14:44	04/05/21 21:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.8	3.7	1	04/05/21 14:44	04/05/21 21:34	1634-04-4	
Naphthalene	**25.5**	ug/kg	9.8	5.1	1	04/05/21 14:44	04/05/21 21:34	91-20-3	
n-Propylbenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	103-65-1	
Styrene	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	79-34-5	
Tetrachloroethene	ND	ug/kg	9.8	3.1	1	04/05/21 14:44	04/05/21 21:34	127-18-4	
Toluene	**9.1J**	ug/kg	9.8	2.8	1	04/05/21 14:44	04/05/21 21:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.8	7.9	1	04/05/21 14:44	04/05/21 21:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.8	8.2	1	04/05/21 14:44	04/05/21 21:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.8	5.1	1	04/05/21 14:44	04/05/21 21:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	79-00-5	
Trichloroethene	ND	ug/kg	9.8	2.5	1	04/05/21 14:44	04/05/21 21:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.8	5.4	1	04/05/21 14:44	04/05/21 21:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.8	4.9	1	04/05/21 14:44	04/05/21 21:34	96-18-4	
1,2,4-Trimethylbenzene	**6.6J**	ug/kg	9.8	2.7	1	04/05/21 14:44	04/05/21 21:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	108-67-8	
Vinyl acetate	ND	ug/kg	97.7	7.1	1	04/05/21 14:44	04/05/21 21:34	108-05-4	
Vinyl chloride	ND	ug/kg	19.5	5.0	1	04/05/21 14:44	04/05/21 21:34	75-01-4	
Xylene (Total)	**20.0**	ug/kg	19.5	5.6	1	04/05/21 14:44	04/05/21 21:34	1330-20-7	
m&p-Xylene	**12.5J**	ug/kg	19.5	6.7	1	04/05/21 14:44	04/05/21 21:34	179601-23-1	
o-Xylene	**7.5J**	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 21:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 21:34	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/05/21 14:44	04/05/21 21:34	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**33.9**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.4	18.8	1	04/07/21 12:56	04/07/21 18:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.4	19.8	1	04/07/21 12:56	04/07/21 18:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.4	18.0	1	04/07/21 12:56	04/07/21 18:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 18:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.4	12.8	1	04/07/21 12:56	04/07/21 18:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 18:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.4	12.3	1	04/07/21 12:56	04/07/21 18:16	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	34	%	10-160		1	04/07/21 12:56	04/07/21 18:16	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**34.5**	ug/kg	15.6	1.6	1	04/07/21 12:58	04/08/21 08:12	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/07/21 12:58	04/08/21 08:12	321-60-8	
Nitrobenzene-d5 (S)	102	%	32-130		1	04/07/21 12:58	04/08/21 08:12	4165-60-0	
Terphenyl-d14 (S)	121	%	24-130		1	04/07/21 12:58	04/08/21 08:12	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	83-32-9	
Acenaphthylene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	208-96-8	
Aniline	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	62-53-3	
Anthracene	**174J**	ug/kg	516	169	1	04/07/21 13:00	04/07/21 17:07	120-12-7	
Benzo(a)anthracene	**230J**	ug/kg	516	172	1	04/07/21 13:00	04/07/21 17:07	56-55-3	
Benzo(b)fluoranthene	**200J**	ug/kg	516	172	1	04/07/21 13:00	04/07/21 17:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	516	200	1	04/07/21 13:00	04/07/21 17:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	04/07/21 13:00	04/07/21 17:07	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	391	1	04/07/21 13:00	04/07/21 17:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	516	217	1	04/07/21 13:00	04/07/21 17:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	04/07/21 13:00	04/07/21 17:07	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	405	1	04/07/21 13:00	04/07/21 17:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	516	214	1	04/07/21 13:00	04/07/21 17:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	516	205	1	04/07/21 13:00	04/07/21 17:07	91-58-7	
2-Chlorophenol	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	516	192	1	04/07/21 13:00	04/07/21 17:07	7005-72-3	
Chrysene	ND	ug/kg	516	188	1	04/07/21 13:00	04/07/21 17:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	53-70-3	
Dibenzofuran	ND	ug/kg	516	186	1	04/07/21 13:00	04/07/21 17:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	04/07/21 13:00	04/07/21 17:07	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	516	189	1	04/07/21 13:00	04/07/21 17:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	516	214	1	04/07/21 13:00	04/07/21 17:07	105-67-9	
Dimethylphthalate	ND	ug/kg	516	188	1	04/07/21 13:00	04/07/21 17:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	516	174	1	04/07/21 13:00	04/07/21 17:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	04/07/21 13:00	04/07/21 17:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	04/07/21 13:00	04/07/21 17:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	516	189	1	04/07/21 13:00	04/07/21 17:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	516	203	1	04/07/21 13:00	04/07/21 17:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	516	200	1	04/07/21 13:00	04/07/21 17:07	117-81-7	
Fluoranthene	**617**	ug/kg	516	177	1	04/07/21 13:00	04/07/21 17:07	206-44-0	
Fluorene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	516	296	1	04/07/21 13:00	04/07/21 17:07	77-47-4	
Hexachloroethane	ND	ug/kg	516	197	1	04/07/21 13:00	04/07/21 17:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	516	203	1	04/07/21 13:00	04/07/21 17:07	193-39-5	
Isophorone	ND	ug/kg	516	230	1	04/07/21 13:00	04/07/21 17:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	516	206	1	04/07/21 13:00	04/07/21 17:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	516	211	1	04/07/21 13:00	04/07/21 17:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	516	208	1	04/07/21 13:00	04/07/21 17:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	422	1	04/07/21 13:00	04/07/21 17:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	405	1	04/07/21 13:00	04/07/21 17:07	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	04/07/21 13:00	04/07/21 17:07	100-01-6	
Nitrobenzene	ND	ug/kg	516	239	1	04/07/21 13:00	04/07/21 17:07	98-95-3	
2-Nitrophenol	ND	ug/kg	516	224	1	04/07/21 13:00	04/07/21 17:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	998	1	04/07/21 13:00	04/07/21 17:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	516	174	1	04/07/21 13:00	04/07/21 17:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	516	183	1	04/07/21 13:00	04/07/21 17:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	516	246	1	04/07/21 13:00	04/07/21 17:07	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	505	1	04/07/21 13:00	04/07/21 17:07	87-86-5	
Phenanthrene	**667**	ug/kg	516	169	1	04/07/21 13:00	04/07/21 17:07	85-01-8	
Phenol	ND	ug/kg	516	230	1	04/07/21 13:00	04/07/21 17:07	108-95-2	
Pyrene	**509J**	ug/kg	516	210	1	04/07/21 13:00	04/07/21 17:07	129-00-0	
Pyridine	ND	ug/kg	516	163	1	04/07/21 13:00	04/07/21 17:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	516	236	1	04/07/21 13:00	04/07/21 17:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	516	213	1	04/07/21 13:00	04/07/21 17:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/07/21 13:00	04/07/21 17:07	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/07/21 13:00	04/07/21 17:07	321-60-8	
Terphenyl-d14 (S)	57	%	15-130		1	04/07/21 13:00	04/07/21 17:07	1718-51-0	
Phenol-d6 (S)	57	%	18-130		1	04/07/21 13:00	04/07/21 17:07	13127-88-3	
2-Fluorophenol (S)	52	%	18-130		1	04/07/21 13:00	04/07/21 17:07	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	52	%	18-130		1	04/07/21 13:00	04/07/21 17:07	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	187	60.1	1	04/05/21 14:44	04/05/21 21:52	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/05/21 14:44	04/05/21 21:52	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/05/21 14:44	04/05/21 21:52	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/05/21 14:44	04/05/21 21:52	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	45.0	1	04/05/21 14:44	04/05/21 21:52	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/05/21 14:44	04/05/21 21:52	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/05/21 14:44	04/05/21 21:52	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/05/21 14:44	04/05/21 21:52	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/05/21 14:44	04/05/21 21:52	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/05/21 14:44	04/05/21 21:52	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/05/21 14:44	04/05/21 21:52	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/05/21 14:44	04/05/21 21:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/05/21 14:44	04/05/21 21:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/05/21 14:44	04/05/21 21:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/05/21 14:44	04/05/21 21:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/05/21 14:44	04/05/21 21:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/05/21 14:44	04/05/21 21:52	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/05/21 14:44	04/05/21 21:52	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/05/21 14:44	04/05/21 21:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/05/21 14:44	04/05/21 21:52	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/05/21 14:44	04/05/21 21:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/05/21 14:44	04/05/21 21:52	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/05/21 14:44	04/05/21 21:52	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/05/21 14:44	04/05/21 21:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/05/21 14:44	04/05/21 21:52	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/05/21 14:44	04/05/21 21:52	87-68-3	
2-Hexanone	ND	ug/kg	93.7	9.0	1	04/05/21 14:44	04/05/21 21:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/05/21 14:44	04/05/21 21:52	99-87-6	
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/05/21 14:44	04/05/21 21:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.7	9.0	1	04/05/21 14:44	04/05/21 21:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/05/21 14:44	04/05/21 21:52	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/05/21 14:44	04/05/21 21:52	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/05/21 14:44	04/05/21 21:52	127-18-4	
Toluene	ND	ug/kg	9.4	2.7	1	04/05/21 14:44	04/05/21 21:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/05/21 14:44	04/05/21 21:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/05/21 14:44	04/05/21 21:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/05/21 14:44	04/05/21 21:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/05/21 14:44	04/05/21 21:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/05/21 14:44	04/05/21 21:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/05/21 14:44	04/05/21 21:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/05/21 14:44	04/05/21 21:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	108-67-8	
Vinyl acetate	ND	ug/kg	93.7	6.8	1	04/05/21 14:44	04/05/21 21:52	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/05/21 14:44	04/05/21 21:52	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/05/21 14:44	04/05/21 21:52	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/05/21 14:44	04/05/21 21:52	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 21:52	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 21:52	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	04/05/21 14:44	04/05/21 21:52	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**35.4**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.1	18.0	1	04/07/21 12:56	04/07/21 18:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.1	19.0	1	04/07/21 12:56	04/07/21 18:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.1	17.2	1	04/07/21 12:56	04/07/21 18:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.1	9.3	1	04/07/21 12:56	04/07/21 18:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.1	12.3	1	04/07/21 12:56	04/07/21 18:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.1	9.2	1	04/07/21 12:56	04/07/21 18:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.1	11.7	1	04/07/21 12:56	04/07/21 18:30	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	60	%	10-160		1	04/07/21 12:56	04/07/21 18:30	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**18.7**	ug/kg	15.2	1.6	1	04/07/21 12:58	04/08/21 08:33	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	67	%	31-130		1	04/07/21 12:58	04/08/21 08:33	321-60-8	
Nitrobenzene-d5 (S)	87	%	32-130		1	04/07/21 12:58	04/08/21 08:33	4165-60-0	
Terphenyl-d14 (S)	95	%	24-130		1	04/07/21 12:58	04/08/21 08:33	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	83-32-9	
Acenaphthylene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	208-96-8	
Aniline	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	62-53-3	
Anthracene	ND	ug/kg	491	161	1	04/07/21 13:00	04/07/21 17:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	491	164	1	04/07/21 13:00	04/07/21 17:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	491	164	1	04/07/21 13:00	04/07/21 17:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	491	191	1	04/07/21 13:00	04/07/21 17:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	207-08-9	
Benzoic Acid	ND	ug/kg	2460	1060	1	04/07/21 13:00	04/07/21 17:38	65-85-0	
Benzyl alcohol	ND	ug/kg	983	372	1	04/07/21 13:00	04/07/21 17:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	491	207	1	04/07/21 13:00	04/07/21 17:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	983	345	1	04/07/21 13:00	04/07/21 17:38	59-50-7	
4-Chloroaniline	ND	ug/kg	983	386	1	04/07/21 13:00	04/07/21 17:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	491	204	1	04/07/21 13:00	04/07/21 17:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	491	195	1	04/07/21 13:00	04/07/21 17:38	91-58-7	
2-Chlorophenol	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	491	183	1	04/07/21 13:00	04/07/21 17:38	7005-72-3	
Chrysene	ND	ug/kg	491	179	1	04/07/21 13:00	04/07/21 17:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	53-70-3	
Dibenzofuran	ND	ug/kg	491	177	1	04/07/21 13:00	04/07/21 17:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	983	332	1	04/07/21 13:00	04/07/21 17:38	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	491	180	1	04/07/21 13:00	04/07/21 17:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	491	204	1	04/07/21 13:00	04/07/21 17:38	105-67-9	
Dimethylphthalate	ND	ug/kg	491	179	1	04/07/21 13:00	04/07/21 17:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	491	165	1	04/07/21 13:00	04/07/21 17:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	983	459	1	04/07/21 13:00	04/07/21 17:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2460	1520	1	04/07/21 13:00	04/07/21 17:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	491	180	1	04/07/21 13:00	04/07/21 17:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	491	194	1	04/07/21 13:00	04/07/21 17:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	491	191	1	04/07/21 13:00	04/07/21 17:38	117-81-7	
Fluoranthene	ND	ug/kg	491	168	1	04/07/21 13:00	04/07/21 17:38	206-44-0	
Fluorene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	491	281	1	04/07/21 13:00	04/07/21 17:38	77-47-4	
Hexachloroethane	ND	ug/kg	491	188	1	04/07/21 13:00	04/07/21 17:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	491	194	1	04/07/21 13:00	04/07/21 17:38	193-39-5	
Isophorone	ND	ug/kg	491	219	1	04/07/21 13:00	04/07/21 17:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	491	197	1	04/07/21 13:00	04/07/21 17:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	491	201	1	04/07/21 13:00	04/07/21 17:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	491	198	1	04/07/21 13:00	04/07/21 17:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	2460	402	1	04/07/21 13:00	04/07/21 17:38	88-74-4	
3-Nitroaniline	ND	ug/kg	2460	386	1	04/07/21 13:00	04/07/21 17:38	99-09-2	
4-Nitroaniline	ND	ug/kg	983	374	1	04/07/21 13:00	04/07/21 17:38	100-01-6	
Nitrobenzene	ND	ug/kg	491	228	1	04/07/21 13:00	04/07/21 17:38	98-95-3	
2-Nitrophenol	ND	ug/kg	491	213	1	04/07/21 13:00	04/07/21 17:38	88-75-5	
4-Nitrophenol	ND	ug/kg	2460	950	1	04/07/21 13:00	04/07/21 17:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	491	165	1	04/07/21 13:00	04/07/21 17:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	491	174	1	04/07/21 13:00	04/07/21 17:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	491	234	1	04/07/21 13:00	04/07/21 17:38	108-60-1	
Pentachlorophenol	ND	ug/kg	983	481	1	04/07/21 13:00	04/07/21 17:38	87-86-5	
Phenanthrene	ND	ug/kg	491	161	1	04/07/21 13:00	04/07/21 17:38	85-01-8	
Phenol	ND	ug/kg	491	219	1	04/07/21 13:00	04/07/21 17:38	108-95-2	
Pyrene	ND	ug/kg	491	200	1	04/07/21 13:00	04/07/21 17:38	129-00-0	
Pyridine	ND	ug/kg	491	155	1	04/07/21 13:00	04/07/21 17:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	491	225	1	04/07/21 13:00	04/07/21 17:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	491	203	1	04/07/21 13:00	04/07/21 17:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 13:00	04/07/21 17:38	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	04/07/21 13:00	04/07/21 17:38	321-60-8	
Terphenyl-d14 (S)	74	%	15-130		1	04/07/21 13:00	04/07/21 17:38	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	04/07/21 13:00	04/07/21 17:38	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	04/07/21 13:00	04/07/21 17:38	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	62	%	18-130		1	04/07/21 13:00	04/07/21 17:38	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	199	64.0	1	04/05/21 14:44	04/05/21 22:10	67-64-1	
Benzene	ND	ug/kg	10	4.0	1	04/05/21 14:44	04/05/21 22:10	71-43-2	
Bromobenzene	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	108-86-1	
Bromochloromethane	ND	ug/kg	10	3.0	1	04/05/21 14:44	04/05/21 22:10	74-97-5	
Bromodichloromethane	ND	ug/kg	10	3.8	1	04/05/21 14:44	04/05/21 22:10	75-27-4	
Bromoform	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.8	1	04/05/21 14:44	04/05/21 22:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	199	47.9	1	04/05/21 14:44	04/05/21 22:10	78-93-3	
n-Butylbenzene	ND	ug/kg	10	4.7	1	04/05/21 14:44	04/05/21 22:10	104-51-8	
sec-Butylbenzene	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	135-98-8	
tert-Butylbenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	98-06-6	
Carbon tetrachloride	ND	ug/kg	10	3.7	1	04/05/21 14:44	04/05/21 22:10	56-23-5	
Chlorobenzene	ND	ug/kg	10	1.9	1	04/05/21 14:44	04/05/21 22:10	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	04/05/21 14:44	04/05/21 22:10	75-00-3	
Chloroform	ND	ug/kg	10	6.1	1	04/05/21 14:44	04/05/21 22:10	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.4	1	04/05/21 14:44	04/05/21 22:10	74-87-3	
2-Chlorotoluene	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	95-49-8	
4-Chlorotoluene	ND	ug/kg	10	1.8	1	04/05/21 14:44	04/05/21 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10	3.9	1	04/05/21 14:44	04/05/21 22:10	96-12-8	
Dibromochloromethane	ND	ug/kg	10	5.6	1	04/05/21 14:44	04/05/21 22:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	106-93-4	
Dibromomethane	ND	ug/kg	10	2.1	1	04/05/21 14:44	04/05/21 22:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10	3.1	1	04/05/21 14:44	04/05/21 22:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	04/05/21 14:44	04/05/21 22:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10	4.1	1	04/05/21 14:44	04/05/21 22:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10	6.6	1	04/05/21 14:44	04/05/21 22:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10	4.1	1	04/05/21 14:44	04/05/21 22:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10	3.0	1	04/05/21 14:44	04/05/21 22:10	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10	3.1	1	04/05/21 14:44	04/05/21 22:10	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10	4.8	1	04/05/21 14:44	04/05/21 22:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	10061-02-6	
Diisopropyl ether	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	108-20-3	
Ethylbenzene	ND	ug/kg	10	4.6	1	04/05/21 14:44	04/05/21 22:10	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	04/05/21 14:44	04/05/21 22:10	87-68-3	
2-Hexanone	ND	ug/kg	99.7	9.6	1	04/05/21 14:44	04/05/21 22:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10	4.9	1	04/05/21 14:44	04/05/21 22:10	99-87-6	
Methylene Chloride	ND	ug/kg	39.9	27.3	1	04/05/21 14:44	04/05/21 22:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.7	9.6	1	04/05/21 14:44	04/05/21 22:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10	3.7	1	04/05/21 14:44	04/05/21 22:10	1634-04-4	
Naphthalene	**9.2J**	ug/kg	10	5.2	1	04/05/21 14:44	04/05/21 22:10	91-20-3	
n-Propylbenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	103-65-1	
Styrene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10	3.8	1	04/05/21 14:44	04/05/21 22:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	79-34-5	
Tetrachloroethene	ND	ug/kg	10	3.2	1	04/05/21 14:44	04/05/21 22:10	127-18-4	
Toluene	ND	ug/kg	10	2.8	1	04/05/21 14:44	04/05/21 22:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10	8.1	1	04/05/21 14:44	04/05/21 22:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10	8.4	1	04/05/21 14:44	04/05/21 22:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10	5.2	1	04/05/21 14:44	04/05/21 22:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	79-00-5	
Trichloroethene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10	5.5	1	04/05/21 14:44	04/05/21 22:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10	5.0	1	04/05/21 14:44	04/05/21 22:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	108-67-8	
Vinyl acetate	ND	ug/kg	99.7	7.3	1	04/05/21 14:44	04/05/21 22:10	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.1	1	04/05/21 14:44	04/05/21 22:10	75-01-4	
Xylene (Total)	ND	ug/kg	19.9	5.7	1	04/05/21 14:44	04/05/21 22:10	1330-20-7	
m&p-Xylene	ND	ug/kg	19.9	6.8	1	04/05/21 14:44	04/05/21 22:10	179601-23-1	
o-Xylene	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 22:10	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 22:10	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:10	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**33.5**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.5	17.8	1	04/07/21 12:56	04/07/21 18:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.5	18.7	1	04/07/21 12:56	04/07/21 18:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.5	17.0	1	04/07/21 12:56	04/07/21 18:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.5	9.2	1	04/07/21 12:56	04/07/21 18:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.5	12.1	1	04/07/21 12:56	04/07/21 18:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 18:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.5	11.6	1	04/07/21 12:56	04/07/21 18:44	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	62	%	10-160		1	04/07/21 12:56	04/07/21 18:44	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**9.3J**	ug/kg	14.7	1.5	1	04/07/21 12:58	04/08/21 08:53	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	65	%	31-130		1	04/07/21 12:58	04/08/21 08:53	321-60-8	
Nitrobenzene-d5 (S)	80	%	32-130		1	04/07/21 12:58	04/08/21 08:53	4165-60-0	
Terphenyl-d14 (S)	93	%	24-130		1	04/07/21 12:58	04/08/21 08:53	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	83-32-9	
Acenaphthylene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	208-96-8	
Aniline	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	62-53-3	
Anthracene	ND	ug/kg	471	154	1	04/07/21 13:00	04/07/21 18:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	471	157	1	04/07/21 13:00	04/07/21 18:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	471	157	1	04/07/21 13:00	04/07/21 18:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	471	183	1	04/07/21 13:00	04/07/21 18:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	04/07/21 13:00	04/07/21 18:08	65-85-0	
Benzyl alcohol	ND	ug/kg	942	357	1	04/07/21 13:00	04/07/21 18:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	471	198	1	04/07/21 13:00	04/07/21 18:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	942	331	1	04/07/21 13:00	04/07/21 18:08	59-50-7	
4-Chloroaniline	ND	ug/kg	942	370	1	04/07/21 13:00	04/07/21 18:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	471	196	1	04/07/21 13:00	04/07/21 18:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	471	187	1	04/07/21 13:00	04/07/21 18:08	91-58-7	
2-Chlorophenol	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	471	176	1	04/07/21 13:00	04/07/21 18:08	7005-72-3	
Chrysene	ND	ug/kg	471	171	1	04/07/21 13:00	04/07/21 18:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	53-70-3	
Dibenzofuran	ND	ug/kg	471	170	1	04/07/21 13:00	04/07/21 18:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	942	318	1	04/07/21 13:00	04/07/21 18:08	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	471	173	1	04/07/21 13:00	04/07/21 18:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	471	196	1	04/07/21 13:00	04/07/21 18:08	105-67-9	
Dimethylphthalate	ND	ug/kg	471	171	1	04/07/21 13:00	04/07/21 18:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	471	158	1	04/07/21 13:00	04/07/21 18:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	942	440	1	04/07/21 13:00	04/07/21 18:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/07/21 13:00	04/07/21 18:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	471	173	1	04/07/21 13:00	04/07/21 18:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	471	186	1	04/07/21 13:00	04/07/21 18:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	471	183	1	04/07/21 13:00	04/07/21 18:08	117-81-7	
Fluoranthene	ND	ug/kg	471	161	1	04/07/21 13:00	04/07/21 18:08	206-44-0	
Fluorene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	471	270	1	04/07/21 13:00	04/07/21 18:08	77-47-4	
Hexachloroethane	ND	ug/kg	471	180	1	04/07/21 13:00	04/07/21 18:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	471	186	1	04/07/21 13:00	04/07/21 18:08	193-39-5	
Isophorone	ND	ug/kg	471	210	1	04/07/21 13:00	04/07/21 18:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	471	188	1	04/07/21 13:00	04/07/21 18:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	471	193	1	04/07/21 13:00	04/07/21 18:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	471	190	1	04/07/21 13:00	04/07/21 18:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	385	1	04/07/21 13:00	04/07/21 18:08	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	04/07/21 13:00	04/07/21 18:08	99-09-2	
4-Nitroaniline	ND	ug/kg	942	358	1	04/07/21 13:00	04/07/21 18:08	100-01-6	
Nitrobenzene	ND	ug/kg	471	218	1	04/07/21 13:00	04/07/21 18:08	98-95-3	
2-Nitrophenol	ND	ug/kg	471	204	1	04/07/21 13:00	04/07/21 18:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	911	1	04/07/21 13:00	04/07/21 18:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	471	158	1	04/07/21 13:00	04/07/21 18:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	471	167	1	04/07/21 13:00	04/07/21 18:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	471	224	1	04/07/21 13:00	04/07/21 18:08	108-60-1	
Pentachlorophenol	ND	ug/kg	942	461	1	04/07/21 13:00	04/07/21 18:08	87-86-5	
Phenanthrene	ND	ug/kg	471	154	1	04/07/21 13:00	04/07/21 18:08	85-01-8	
Phenol	ND	ug/kg	471	210	1	04/07/21 13:00	04/07/21 18:08	108-95-2	
Pyrene	ND	ug/kg	471	191	1	04/07/21 13:00	04/07/21 18:08	129-00-0	
Pyridine	ND	ug/kg	471	148	1	04/07/21 13:00	04/07/21 18:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	471	216	1	04/07/21 13:00	04/07/21 18:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	471	194	1	04/07/21 13:00	04/07/21 18:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	43	%	21-130		1	04/07/21 13:00	04/07/21 18:08	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 18:08	321-60-8	
Terphenyl-d14 (S)	57	%	15-130		1	04/07/21 13:00	04/07/21 18:08	1718-51-0	
Phenol-d6 (S)	43	%	18-130		1	04/07/21 13:00	04/07/21 18:08	13127-88-3	
2-Fluorophenol (S)	41	%	18-130		1	04/07/21 13:00	04/07/21 18:08	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	39	%	18-130		1	04/07/21 13:00	04/07/21 18:08	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**88.0J**	ug/kg	222	71.2	1	04/05/21 14:44	04/05/21 22:28	67-64-1	
Benzene	ND	ug/kg	11.1	4.4	1	04/05/21 14:44	04/05/21 22:28	71-43-2	
Bromobenzene	ND	ug/kg	11.1	3.6	1	04/05/21 14:44	04/05/21 22:28	108-86-1	
Bromochloromethane	ND	ug/kg	11.1	3.3	1	04/05/21 14:44	04/05/21 22:28	74-97-5	
Bromodichloromethane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	75-27-4	
Bromoform	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	75-25-2	
Bromomethane	ND	ug/kg	22.2	17.5	1	04/05/21 14:44	04/05/21 22:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	222	53.3	1	04/05/21 14:44	04/05/21 22:28	78-93-3	
n-Butylbenzene	ND	ug/kg	11.1	5.2	1	04/05/21 14:44	04/05/21 22:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.1	4.2	1	04/05/21 14:44	04/05/21 22:28	56-23-5	
Chlorobenzene	ND	ug/kg	11.1	2.1	1	04/05/21 14:44	04/05/21 22:28	108-90-7	
Chloroethane	ND	ug/kg	22.2	8.6	1	04/05/21 14:44	04/05/21 22:28	75-00-3	
Chloroform	ND	ug/kg	11.1	6.7	1	04/05/21 14:44	04/05/21 22:28	67-66-3	
Chloromethane	ND	ug/kg	22.2	9.3	1	04/05/21 14:44	04/05/21 22:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.1	2.0	1	04/05/21 14:44	04/05/21 22:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	96-12-8	
Dibromochloromethane	ND	ug/kg	11.1	6.2	1	04/05/21 14:44	04/05/21 22:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	106-93-4	
Dibromomethane	ND	ug/kg	11.1	2.4	1	04/05/21 14:44	04/05/21 22:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.1	3.4	1	04/05/21 14:44	04/05/21 22:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.2	4.8	1	04/05/21 14:44	04/05/21 22:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.1	4.6	1	04/05/21 14:44	04/05/21 22:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.1	7.3	1	04/05/21 14:44	04/05/21 22:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.1	4.6	1	04/05/21 14:44	04/05/21 22:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.1	3.3	1	04/05/21 14:44	04/05/21 22:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.1	3.5	1	04/05/21 14:44	04/05/21 22:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.1	3.6	1	04/05/21 14:44	04/05/21 22:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.1	5.3	1	04/05/21 14:44	04/05/21 22:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	108-20-3	
Ethylbenzene	ND	ug/kg	11.1	5.2	1	04/05/21 14:44	04/05/21 22:28	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	22.2	18.2	1	04/05/21 14:44	04/05/21 22:28	87-68-3	
2-Hexanone	ND	ug/kg	111	10.7	1	04/05/21 14:44	04/05/21 22:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.1	5.5	1	04/05/21 14:44	04/05/21 22:28	99-87-6	
Methylene Chloride	ND	ug/kg	44.4	30.4	1	04/05/21 14:44	04/05/21 22:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	111	10.7	1	04/05/21 14:44	04/05/21 22:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.1	4.2	1	04/05/21 14:44	04/05/21 22:28	1634-04-4	
Naphthalene	ND	ug/kg	11.1	5.8	1	04/05/21 14:44	04/05/21 22:28	91-20-3	
n-Propylbenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	103-65-1	
Styrene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	79-34-5	
Tetrachloroethene	ND	ug/kg	11.1	3.5	1	04/05/21 14:44	04/05/21 22:28	127-18-4	
Toluene	**10.9J**	ug/kg	11.1	3.2	1	04/05/21 14:44	04/05/21 22:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.1	9.0	1	04/05/21 14:44	04/05/21 22:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.1	9.3	1	04/05/21 14:44	04/05/21 22:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.1	5.8	1	04/05/21 14:44	04/05/21 22:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.1	3.7	1	04/05/21 14:44	04/05/21 22:28	79-00-5	
Trichloroethene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.1	6.1	1	04/05/21 14:44	04/05/21 22:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.1	5.6	1	04/05/21 14:44	04/05/21 22:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.1	3.7	1	04/05/21 14:44	04/05/21 22:28	108-67-8	
Vinyl acetate	ND	ug/kg	111	8.1	1	04/05/21 14:44	04/05/21 22:28	108-05-4	
Vinyl chloride	ND	ug/kg	22.2	5.6	1	04/05/21 14:44	04/05/21 22:28	75-01-4	
Xylene (Total)	ND	ug/kg	22.2	6.3	1	04/05/21 14:44	04/05/21 22:28	1330-20-7	
m&p-Xylene	ND	ug/kg	22.2	7.6	1	04/05/21 14:44	04/05/21 22:28	179601-23-1	
o-Xylene	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 22:28	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 22:28	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:28	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**31.1**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	339	124	5	04/07/21 12:56	04/07/21 20:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	339	131	5	04/07/21 12:56	04/07/21 20:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	339	119	5	04/07/21 12:56	04/07/21 20:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	339	63.9	5	04/07/21 12:56	04/07/21 20:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	339	84.7	5	04/07/21 12:56	04/07/21 20:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	339	63.8	5	04/07/21 12:56	04/07/21 20:53	11097-69-1	
PCB-1260 (Aroclor 1260)	**279J**	ug/kg	339	81.1	5	04/07/21 12:56	04/07/21 20:53	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	90	%	10-160		5	04/07/21 12:56	04/07/21 20:53	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**266**	ug/kg	20.8	2.1	1	04/07/21 12:58	04/08/21 09:13	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		1	04/07/21 12:58	04/08/21 09:13	321-60-8	
Nitrobenzene-d5 (S)	85	%	32-130		1	04/07/21 12:58	04/08/21 09:13	4165-60-0	
Terphenyl-d14 (S)	88	%	24-130		1	04/07/21 12:58	04/08/21 09:13	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	83-32-9	
Acenaphthylene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	208-96-8	
Aniline	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	62-53-3	
Anthracene	ND	ug/kg	685	224	1	04/07/21 13:00	04/07/21 18:38	120-12-7	
Benzo(a)anthracene	**408J**	ug/kg	685	228	1	04/07/21 13:00	04/07/21 18:38	56-55-3	
Benzo(b)fluoranthene	**484J**	ug/kg	685	228	1	04/07/21 13:00	04/07/21 18:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	685	266	1	04/07/21 13:00	04/07/21 18:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	207-08-9	
Benzoic Acid	ND	ug/kg	3430	1470	1	04/07/21 13:00	04/07/21 18:38	65-85-0	
Benzyl alcohol	ND	ug/kg	1370	519	1	04/07/21 13:00	04/07/21 18:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	685	289	1	04/07/21 13:00	04/07/21 18:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1370	482	1	04/07/21 13:00	04/07/21 18:38	59-50-7	
4-Chloroaniline	ND	ug/kg	1370	538	1	04/07/21 13:00	04/07/21 18:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	685	285	1	04/07/21 13:00	04/07/21 18:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	685	272	1	04/07/21 13:00	04/07/21 18:38	91-58-7	
2-Chlorophenol	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	685	255	1	04/07/21 13:00	04/07/21 18:38	7005-72-3	
Chrysene	**321J**	ug/kg	685	249	1	04/07/21 13:00	04/07/21 18:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	53-70-3	
Dibenzofuran	ND	ug/kg	685	247	1	04/07/21 13:00	04/07/21 18:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1370	463	1	04/07/21 13:00	04/07/21 18:38	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	685	251	1	04/07/21 13:00	04/07/21 18:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	685	285	1	04/07/21 13:00	04/07/21 18:38	105-67-9	
Dimethylphthalate	ND	ug/kg	685	249	1	04/07/21 13:00	04/07/21 18:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	685	231	1	04/07/21 13:00	04/07/21 18:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1370	640	1	04/07/21 13:00	04/07/21 18:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3430	2120	1	04/07/21 13:00	04/07/21 18:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	685	251	1	04/07/21 13:00	04/07/21 18:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	685	270	1	04/07/21 13:00	04/07/21 18:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	685	266	1	04/07/21 13:00	04/07/21 18:38	117-81-7	
Fluoranthene	**608J**	ug/kg	685	235	1	04/07/21 13:00	04/07/21 18:38	206-44-0	
Fluorene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	685	393	1	04/07/21 13:00	04/07/21 18:38	77-47-4	
Hexachloroethane	ND	ug/kg	685	262	1	04/07/21 13:00	04/07/21 18:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	685	270	1	04/07/21 13:00	04/07/21 18:38	193-39-5	
Isophorone	ND	ug/kg	685	305	1	04/07/21 13:00	04/07/21 18:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	685	274	1	04/07/21 13:00	04/07/21 18:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	685	280	1	04/07/21 13:00	04/07/21 18:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	685	276	1	04/07/21 13:00	04/07/21 18:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	3430	561	1	04/07/21 13:00	04/07/21 18:38	88-74-4	
3-Nitroaniline	ND	ug/kg	3430	538	1	04/07/21 13:00	04/07/21 18:38	99-09-2	
4-Nitroaniline	ND	ug/kg	1370	521	1	04/07/21 13:00	04/07/21 18:38	100-01-6	
Nitrobenzene	ND	ug/kg	685	318	1	04/07/21 13:00	04/07/21 18:38	98-95-3	
2-Nitrophenol	ND	ug/kg	685	297	1	04/07/21 13:00	04/07/21 18:38	88-75-5	
4-Nitrophenol	ND	ug/kg	3430	1320	1	04/07/21 13:00	04/07/21 18:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	685	231	1	04/07/21 13:00	04/07/21 18:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	685	243	1	04/07/21 13:00	04/07/21 18:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	685	326	1	04/07/21 13:00	04/07/21 18:38	108-60-1	
Pentachlorophenol	ND	ug/kg	1370	671	1	04/07/21 13:00	04/07/21 18:38	87-86-5	
Phenanthrene	ND	ug/kg	685	224	1	04/07/21 13:00	04/07/21 18:38	85-01-8	
Phenol	ND	ug/kg	685	305	1	04/07/21 13:00	04/07/21 18:38	108-95-2	
Pyrene	**539J**	ug/kg	685	278	1	04/07/21 13:00	04/07/21 18:38	129-00-0	
Pyridine	ND	ug/kg	685	216	1	04/07/21 13:00	04/07/21 18:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	685	314	1	04/07/21 13:00	04/07/21 18:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	685	282	1	04/07/21 13:00	04/07/21 18:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	04/07/21 13:00	04/07/21 18:38	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 18:38	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/07/21 13:00	04/07/21 18:38	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	04/07/21 13:00	04/07/21 18:38	13127-88-3	
2-Fluorophenol (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 18:38	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	45	%	18-130		1	04/07/21 13:00	04/07/21 18:38	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**143J**	ug/kg	327	105	1	04/05/21 14:44	04/05/21 22:46	67-64-1	
Benzene	ND	ug/kg	16.3	6.5	1	04/05/21 14:44	04/05/21 22:46	71-43-2	
Bromobenzene	ND	ug/kg	16.3	5.3	1	04/05/21 14:44	04/05/21 22:46	108-86-1	
Bromochloromethane	ND	ug/kg	16.3	4.8	1	04/05/21 14:44	04/05/21 22:46	74-97-5	
Bromodichloromethane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	75-27-4	
Bromoform	ND	ug/kg	16.3	5.7	1	04/05/21 14:44	04/05/21 22:46	75-25-2	
Bromomethane	ND	ug/kg	32.7	25.8	1	04/05/21 14:44	04/05/21 22:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	327	78.4	1	04/05/21 14:44	04/05/21 22:46	78-93-3	
n-Butylbenzene	ND	ug/kg	16.3	7.7	1	04/05/21 14:44	04/05/21 22:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	98-06-6	
Carbon tetrachloride	ND	ug/kg	16.3	6.1	1	04/05/21 14:44	04/05/21 22:46	56-23-5	
Chlorobenzene	ND	ug/kg	16.3	3.1	1	04/05/21 14:44	04/05/21 22:46	108-90-7	
Chloroethane	ND	ug/kg	32.7	12.6	1	04/05/21 14:44	04/05/21 22:46	75-00-3	
Chloroform	ND	ug/kg	16.3	9.9	1	04/05/21 14:44	04/05/21 22:46	67-66-3	
Chloromethane	ND	ug/kg	32.7	13.7	1	04/05/21 14:44	04/05/21 22:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	16.3	2.9	1	04/05/21 14:44	04/05/21 22:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	96-12-8	
Dibromochloromethane	ND	ug/kg	16.3	9.2	1	04/05/21 14:44	04/05/21 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	106-93-4	
Dibromomethane	ND	ug/kg	16.3	3.5	1	04/05/21 14:44	04/05/21 22:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.3	5.9	1	04/05/21 14:44	04/05/21 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.3	5.1	1	04/05/21 14:44	04/05/21 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.3	4.2	1	04/05/21 14:44	04/05/21 22:46	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	32.7	7.1	1	04/05/21 14:44	04/05/21 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	16.3	6.7	1	04/05/21 14:44	04/05/21 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.3	10.8	1	04/05/21 14:44	04/05/21 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.3	6.7	1	04/05/21 14:44	04/05/21 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.3	5.7	1	04/05/21 14:44	04/05/21 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.3	4.9	1	04/05/21 14:44	04/05/21 22:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.3	5.1	1	04/05/21 14:44	04/05/21 22:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.3	5.3	1	04/05/21 14:44	04/05/21 22:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	16.3	7.8	1	04/05/21 14:44	04/05/21 22:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	16.3	4.4	1	04/05/21 14:44	04/05/21 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	10061-02-6	
Diisopropyl ether	ND	ug/kg	16.3	4.4	1	04/05/21 14:44	04/05/21 22:46	108-20-3	
Ethylbenzene	**13.3J**	ug/kg	16.3	7.6	1	04/05/21 14:44	04/05/21 22:46	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	32.7	26.7	1	04/05/21 14:44	04/05/21 22:46	87-68-3	
2-Hexanone	ND	ug/kg	163	15.7	1	04/05/21 14:44	04/05/21 22:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	98-82-8	
p-Isopropyltoluene	**8.9J**	ug/kg	16.3	8.0	1	04/05/21 14:44	04/05/21 22:46	99-87-6	
Methylene Chloride	ND	ug/kg	65.3	44.8	1	04/05/21 14:44	04/05/21 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	163	15.7	1	04/05/21 14:44	04/05/21 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	16.3	6.1	1	04/05/21 14:44	04/05/21 22:46	1634-04-4	
Naphthalene	**171**	ug/kg	16.3	8.6	1	04/05/21 14:44	04/05/21 22:46	91-20-3	
n-Propylbenzene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	103-65-1	
Styrene	ND	ug/kg	16.3	4.3	1	04/05/21 14:44	04/05/21 22:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.3	4.3	1	04/05/21 14:44	04/05/21 22:46	79-34-5	
Tetrachloroethene	ND	ug/kg	16.3	5.2	1	04/05/21 14:44	04/05/21 22:46	127-18-4	
Toluene	**42.8**	ug/kg	16.3	4.6	1	04/05/21 14:44	04/05/21 22:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.3	13.2	1	04/05/21 14:44	04/05/21 22:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.3	13.7	1	04/05/21 14:44	04/05/21 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.3	8.5	1	04/05/21 14:44	04/05/21 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	16.3	5.4	1	04/05/21 14:44	04/05/21 22:46	79-00-5	
Trichloroethene	ND	ug/kg	16.3	4.2	1	04/05/21 14:44	04/05/21 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.3	9.0	1	04/05/21 14:44	04/05/21 22:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.3	8.3	1	04/05/21 14:44	04/05/21 22:46	96-18-4	
1,2,4-Trimethylbenzene	**18.6**	ug/kg	16.3	4.5	1	04/05/21 14:44	04/05/21 22:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	16.3	5.5	1	04/05/21 14:44	04/05/21 22:46	108-67-8	
Vinyl acetate	ND	ug/kg	163	11.9	1	04/05/21 14:44	04/05/21 22:46	108-05-4	
Vinyl chloride	ND	ug/kg	32.7	8.3	1	04/05/21 14:44	04/05/21 22:46	75-01-4	
Xylene (Total)	**52.7**	ug/kg	32.7	9.3	1	04/05/21 14:44	04/05/21 22:46	1330-20-7	
m&p-Xylene	**34.6**	ug/kg	32.7	11.2	1	04/05/21 14:44	04/05/21 22:46	179601-23-1	
o-Xylene	**18.2**	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 22:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 22:46	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:46	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**51.4**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.1	16.5	1	04/07/21 12:56	04/07/21 18:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.1	17.4	1	04/07/21 12:56	04/07/21 18:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.1	15.8	1	04/07/21 12:56	04/07/21 18:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.1	8.5	1	04/07/21 12:56	04/07/21 18:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.1	11.3	1	04/07/21 12:56	04/07/21 18:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.1	8.5	1	04/07/21 12:56	04/07/21 18:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.1	10.8	1	04/07/21 12:56	04/07/21 18:59	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	34	%	10-160		1	04/07/21 12:56	04/07/21 18:59	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**23.8**	ug/kg	13.7	1.4	1	04/07/21 12:58	04/08/21 09:33	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-130		1	04/07/21 12:58	04/08/21 09:33	321-60-8	
Nitrobenzene-d5 (S)	76	%	32-130		1	04/07/21 12:58	04/08/21 09:33	4165-60-0	
Terphenyl-d14 (S)	82	%	24-130		1	04/07/21 12:58	04/08/21 09:33	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	83-32-9	
Acenaphthylene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	208-96-8	
Aniline	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	62-53-3	
Anthracene	ND	ug/kg	446	146	1	04/07/21 13:00	04/07/21 19:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	446	149	1	04/07/21 13:00	04/07/21 19:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	446	149	1	04/07/21 13:00	04/07/21 19:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	446	173	1	04/07/21 13:00	04/07/21 19:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	207-08-9	
Benzoic Acid	ND	ug/kg	2230	958	1	04/07/21 13:00	04/07/21 19:08	65-85-0	
Benzyl alcohol	ND	ug/kg	892	338	1	04/07/21 13:00	04/07/21 19:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	446	188	1	04/07/21 13:00	04/07/21 19:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	892	314	1	04/07/21 13:00	04/07/21 19:08	59-50-7	
4-Chloroaniline	ND	ug/kg	892	350	1	04/07/21 13:00	04/07/21 19:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	446	185	1	04/07/21 13:00	04/07/21 19:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	446	177	1	04/07/21 13:00	04/07/21 19:08	91-58-7	
2-Chlorophenol	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	446	166	1	04/07/21 13:00	04/07/21 19:08	7005-72-3	
Chrysene	ND	ug/kg	446	162	1	04/07/21 13:00	04/07/21 19:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	53-70-3	
Dibenzofuran	ND	ug/kg	446	161	1	04/07/21 13:00	04/07/21 19:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	892	301	1	04/07/21 13:00	04/07/21 19:08	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	446	164	1	04/07/21 13:00	04/07/21 19:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	446	185	1	04/07/21 13:00	04/07/21 19:08	105-67-9	
Dimethylphthalate	ND	ug/kg	446	162	1	04/07/21 13:00	04/07/21 19:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	446	150	1	04/07/21 13:00	04/07/21 19:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	416	1	04/07/21 13:00	04/07/21 19:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1380	1	04/07/21 13:00	04/07/21 19:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	446	164	1	04/07/21 13:00	04/07/21 19:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	446	176	1	04/07/21 13:00	04/07/21 19:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	446	173	1	04/07/21 13:00	04/07/21 19:08	117-81-7	
Fluoranthene	ND	ug/kg	446	153	1	04/07/21 13:00	04/07/21 19:08	206-44-0	
Fluorene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	446	255	1	04/07/21 13:00	04/07/21 19:08	77-47-4	
Hexachloroethane	ND	ug/kg	446	170	1	04/07/21 13:00	04/07/21 19:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	446	176	1	04/07/21 13:00	04/07/21 19:08	193-39-5	
Isophorone	ND	ug/kg	446	199	1	04/07/21 13:00	04/07/21 19:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	446	178	1	04/07/21 13:00	04/07/21 19:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	446	182	1	04/07/21 13:00	04/07/21 19:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	446	180	1	04/07/21 13:00	04/07/21 19:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2230	365	1	04/07/21 13:00	04/07/21 19:08	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	350	1	04/07/21 13:00	04/07/21 19:08	99-09-2	
4-Nitroaniline	ND	ug/kg	892	339	1	04/07/21 13:00	04/07/21 19:08	100-01-6	
Nitrobenzene	ND	ug/kg	446	207	1	04/07/21 13:00	04/07/21 19:08	98-95-3	
2-Nitrophenol	ND	ug/kg	446	193	1	04/07/21 13:00	04/07/21 19:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	862	1	04/07/21 13:00	04/07/21 19:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	446	150	1	04/07/21 13:00	04/07/21 19:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	446	158	1	04/07/21 13:00	04/07/21 19:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	446	212	1	04/07/21 13:00	04/07/21 19:08	108-60-1	
Pentachlorophenol	ND	ug/kg	892	437	1	04/07/21 13:00	04/07/21 19:08	87-86-5	
Phenanthrene	ND	ug/kg	446	146	1	04/07/21 13:00	04/07/21 19:08	85-01-8	
Phenol	ND	ug/kg	446	199	1	04/07/21 13:00	04/07/21 19:08	108-95-2	
Pyrene	ND	ug/kg	446	181	1	04/07/21 13:00	04/07/21 19:08	129-00-0	
Pyridine	ND	ug/kg	446	141	1	04/07/21 13:00	04/07/21 19:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	446	204	1	04/07/21 13:00	04/07/21 19:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	446	184	1	04/07/21 13:00	04/07/21 19:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/07/21 13:00	04/07/21 19:08	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/07/21 13:00	04/07/21 19:08	321-60-8	
Terphenyl-d14 (S)	50	%	15-130		1	04/07/21 13:00	04/07/21 19:08	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 19:08	13127-88-3	
2-Fluorophenol (S)	58	%	18-130		1	04/07/21 13:00	04/07/21 19:08	367-12-4	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 19:08	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	147	47.2	1	04/05/21 14:44	04/05/21 23:04	67-64-1	
Benzene	ND	ug/kg	7.4	2.9	1	04/05/21 14:44	04/05/21 23:04	71-43-2	
Bromobenzene	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	2.2	1	04/05/21 14:44	04/05/21 23:04	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	75-27-4	
Bromoform	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	75-25-2	
Bromomethane	ND	ug/kg	14.7	11.6	1	04/05/21 14:44	04/05/21 23:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	147	35.3	1	04/05/21 14:44	04/05/21 23:04	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	3.5	1	04/05/21 14:44	04/05/21 23:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	3.2	1	04/05/21 14:44	04/05/21 23:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1.4	1	04/05/21 14:44	04/05/21 23:04	108-90-7	
Chloroethane	ND	ug/kg	14.7	5.7	1	04/05/21 14:44	04/05/21 23:04	75-00-3	
Chloroform	ND	ug/kg	7.4	4.5	1	04/05/21 14:44	04/05/21 23:04	67-66-3	
Chloromethane	ND	ug/kg	14.7	6.2	1	04/05/21 14:44	04/05/21 23:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1.3	1	04/05/21 14:44	04/05/21 23:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	2.9	1	04/05/21 14:44	04/05/21 23:04	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	4.1	1	04/05/21 14:44	04/05/21 23:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	3.2	1	04/05/21 14:44	04/05/21 23:04	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1.6	1	04/05/21 14:44	04/05/21 23:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.7	3.2	1	04/05/21 14:44	04/05/21 23:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	3.0	1	04/05/21 14:44	04/05/21 23:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	4.9	1	04/05/21 14:44	04/05/21 23:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	3.0	1	04/05/21 14:44	04/05/21 23:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	2.2	1	04/05/21 14:44	04/05/21 23:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	3.5	1	04/05/21 14:44	04/05/21 23:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	3.4	1	04/05/21 14:44	04/05/21 23:04	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	14.7	12.0	1	04/05/21 14:44	04/05/21 23:04	87-68-3	
2-Hexanone	ND	ug/kg	73.6	7.1	1	04/05/21 14:44	04/05/21 23:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	3.6	1	04/05/21 14:44	04/05/21 23:04	99-87-6	
Methylene Chloride	ND	ug/kg	29.4	20.2	1	04/05/21 14:44	04/05/21 23:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	73.6	7.1	1	04/05/21 14:44	04/05/21 23:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	1634-04-4	
Naphthalene	**9.5**	ug/kg	7.4	3.9	1	04/05/21 14:44	04/05/21 23:04	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	103-65-1	
Styrene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	127-18-4	
Toluene	**3.8J**	ug/kg	7.4	2.1	1	04/05/21 14:44	04/05/21 23:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	5.9	1	04/05/21 14:44	04/05/21 23:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	6.2	1	04/05/21 14:44	04/05/21 23:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	3.8	1	04/05/21 14:44	04/05/21 23:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	79-00-5	
Trichloroethene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	4.0	1	04/05/21 14:44	04/05/21 23:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	3.7	1	04/05/21 14:44	04/05/21 23:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	108-67-8	
Vinyl acetate	ND	ug/kg	73.6	5.4	1	04/05/21 14:44	04/05/21 23:04	108-05-4	
Vinyl chloride	ND	ug/kg	14.7	3.7	1	04/05/21 14:44	04/05/21 23:04	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	4.2	1	04/05/21 14:44	04/05/21 23:04	1330-20-7	
m&p-Xylene	ND	ug/kg	14.7	5.0	1	04/05/21 14:44	04/05/21 23:04	179601-23-1	
o-Xylene	ND	ug/kg	7.4	3.3	1	04/05/21 14:44	04/05/21 23:04	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 23:04	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 23:04	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	04/05/21 14:44	04/05/21 23:04	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**26.0**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	458	168	5	04/07/21 12:56	04/07/21 21:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	458	177	5	04/07/21 12:56	04/07/21 21:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	458	160	5	04/07/21 12:56	04/07/21 21:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	458	86.3	5	04/07/21 12:56	04/07/21 21:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	458	114	5	04/07/21 12:56	04/07/21 21:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	458	86.2	5	04/07/21 12:56	04/07/21 21:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	458	110	5	04/07/21 12:56	04/07/21 21:07	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	50	%	10-160		5	04/07/21 12:56	04/07/21 21:07	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**536**	ug/kg	28.2	2.9	1	04/07/21 12:58	04/08/21 09:54	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	47	%	31-130		1	04/07/21 12:58	04/08/21 09:54	321-60-8	
Nitrobenzene-d5 (S)	74	%	32-130		1	04/07/21 12:58	04/08/21 09:54	4165-60-0	
Terphenyl-d14 (S)	61	%	24-130		1	04/07/21 12:58	04/08/21 09:54	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	83-32-9	
Acenaphthylene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	208-96-8	
Aniline	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	62-53-3	
Anthracene	**309J**	ug/kg	935	306	1	04/07/21 13:00	04/07/21 19:39	120-12-7	
Benzo(a)anthracene	**1030**	ug/kg	935	312	1	04/07/21 13:00	04/07/21 19:39	56-55-3	
Benzo(b)fluoranthene	**1150**	ug/kg	935	312	1	04/07/21 13:00	04/07/21 19:39	205-99-2	
Benzo(g,h,i)perylene	**511J**	ug/kg	935	363	1	04/07/21 13:00	04/07/21 19:39	191-24-2	
Benzo(k)fluoranthene	**512J**	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	207-08-9	
Benzoic Acid	ND	ug/kg	4670	2010	1	04/07/21 13:00	04/07/21 19:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1870	708	1	04/07/21 13:00	04/07/21 19:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	935	394	1	04/07/21 13:00	04/07/21 19:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1870	657	1	04/07/21 13:00	04/07/21 19:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1870	734	1	04/07/21 13:00	04/07/21 19:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	935	388	1	04/07/21 13:00	04/07/21 19:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	935	371	1	04/07/21 13:00	04/07/21 19:39	91-58-7	
2-Chlorophenol	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	935	348	1	04/07/21 13:00	04/07/21 19:39	7005-72-3	
Chrysene	**945**	ug/kg	935	340	1	04/07/21 13:00	04/07/21 19:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	53-70-3	
Dibenzofuran	ND	ug/kg	935	337	1	04/07/21 13:00	04/07/21 19:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1870	632	1	04/07/21 13:00	04/07/21 19:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	935	343	1	04/07/21 13:00	04/07/21 19:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	935	388	1	04/07/21 13:00	04/07/21 19:39	105-67-9	
Dimethylphthalate	ND	ug/kg	935	340	1	04/07/21 13:00	04/07/21 19:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	935	314	1	04/07/21 13:00	04/07/21 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1870	872	1	04/07/21 13:00	04/07/21 19:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4670	2890	1	04/07/21 13:00	04/07/21 19:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	935	343	1	04/07/21 13:00	04/07/21 19:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	935	368	1	04/07/21 13:00	04/07/21 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	935	363	1	04/07/21 13:00	04/07/21 19:39	117-81-7	
Fluoranthene	**2010**	ug/kg	935	320	1	04/07/21 13:00	04/07/21 19:39	206-44-0	
Fluorene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	935	535	1	04/07/21 13:00	04/07/21 19:39	77-47-4	
Hexachloroethane	ND	ug/kg	935	357	1	04/07/21 13:00	04/07/21 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**504J**	ug/kg	935	368	1	04/07/21 13:00	04/07/21 19:39	193-39-5	
Isophorone	ND	ug/kg	935	416	1	04/07/21 13:00	04/07/21 19:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	935	374	1	04/07/21 13:00	04/07/21 19:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	935	382	1	04/07/21 13:00	04/07/21 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	935	377	1	04/07/21 13:00	04/07/21 19:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	4670	765	1	04/07/21 13:00	04/07/21 19:39	88-74-4	
3-Nitroaniline	ND	ug/kg	4670	734	1	04/07/21 13:00	04/07/21 19:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1870	711	1	04/07/21 13:00	04/07/21 19:39	100-01-6	
Nitrobenzene	ND	ug/kg	935	433	1	04/07/21 13:00	04/07/21 19:39	98-95-3	
2-Nitrophenol	ND	ug/kg	935	405	1	04/07/21 13:00	04/07/21 19:39	88-75-5	
4-Nitrophenol	ND	ug/kg	4670	1810	1	04/07/21 13:00	04/07/21 19:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	935	314	1	04/07/21 13:00	04/07/21 19:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	935	331	1	04/07/21 13:00	04/07/21 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	935	445	1	04/07/21 13:00	04/07/21 19:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1870	915	1	04/07/21 13:00	04/07/21 19:39	87-86-5	
Phenanthrene	**572J**	ug/kg	935	306	1	04/07/21 13:00	04/07/21 19:39	85-01-8	
Phenol	ND	ug/kg	935	416	1	04/07/21 13:00	04/07/21 19:39	108-95-2	
Pyrene	**1770**	ug/kg	935	380	1	04/07/21 13:00	04/07/21 19:39	129-00-0	
Pyridine	ND	ug/kg	935	295	1	04/07/21 13:00	04/07/21 19:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	935	428	1	04/07/21 13:00	04/07/21 19:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	935	385	1	04/07/21 13:00	04/07/21 19:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	04/07/21 13:00	04/07/21 19:39	4165-60-0	
2-Fluorobiphenyl (S)	32	%	19-130		1	04/07/21 13:00	04/07/21 19:39	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	04/07/21 13:00	04/07/21 19:39	1718-51-0	
Phenol-d6 (S)	65	%	18-130		1	04/07/21 13:00	04/07/21 19:39	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 19:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	56	%	18-130		1	04/07/21 13:00	04/07/21 19:39	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**586J**	ug/kg	660	212	1	04/05/21 14:44	04/05/21 23:22	67-64-1	
Benzene	**174**	ug/kg	33.0	13.1	1	04/05/21 14:44	04/05/21 23:22	71-43-2	
Bromobenzene	ND	ug/kg	33.0	10.8	1	04/05/21 14:44	04/05/21 23:22	108-86-1	
Bromochloromethane	ND	ug/kg	33.0	9.8	1	04/05/21 14:44	04/05/21 23:22	74-97-5	
Bromodichloromethane	ND	ug/kg	33.0	12.7	1	04/05/21 14:44	04/05/21 23:22	75-27-4	
Bromoform	ND	ug/kg	33.0	11.6	1	04/05/21 14:44	04/05/21 23:22	75-25-2	
Bromomethane	ND	ug/kg	66.0	52.2	1	04/05/21 14:44	04/05/21 23:22	74-83-9	
2-Butanone (MEK)	**278J**	ug/kg	660	158	1	04/05/21 14:44	04/05/21 23:22	78-93-3	
n-Butylbenzene	ND	ug/kg	33.0	15.6	1	04/05/21 14:44	04/05/21 23:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	33.0	14.5	1	04/05/21 14:44	04/05/21 23:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	33.0	11.8	1	04/05/21 14:44	04/05/21 23:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	33.0	12.3	1	04/05/21 14:44	04/05/21 23:22	56-23-5	
Chlorobenzene	ND	ug/kg	33.0	6.3	1	04/05/21 14:44	04/05/21 23:22	108-90-7	
Chloroethane	ND	ug/kg	66.0	25.5	1	04/05/21 14:44	04/05/21 23:22	75-00-3	
Chloroform	ND	ug/kg	33.0	20.1	1	04/05/21 14:44	04/05/21 23:22	67-66-3	
Chloromethane	ND	ug/kg	66.0	27.7	1	04/05/21 14:44	04/05/21 23:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	33.0	11.7	1	04/05/21 14:44	04/05/21 23:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	33.0	5.8	1	04/05/21 14:44	04/05/21 23:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	33.0	12.8	1	04/05/21 14:44	04/05/21 23:22	96-12-8	
Dibromochloromethane	ND	ug/kg	33.0	18.6	1	04/05/21 14:44	04/05/21 23:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	33.0	14.5	1	04/05/21 14:44	04/05/21 23:22	106-93-4	
Dibromomethane	ND	ug/kg	33.0	7.1	1	04/05/21 14:44	04/05/21 23:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	33.0	11.9	1	04/05/21 14:44	04/05/21 23:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	33.0	10.2	1	04/05/21 14:44	04/05/21 23:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	33.0	8.6	1	04/05/21 14:44	04/05/21 23:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	66.0	14.3	1	04/05/21 14:44	04/05/21 23:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	33.0	13.6	1	04/05/21 14:44	04/05/21 23:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	33.0	21.9	1	04/05/21 14:44	04/05/21 23:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	33.0	13.6	1	04/05/21 14:44	04/05/21 23:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	33.0	11.3	1	04/05/21 14:44	04/05/21 23:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	33.0	11.6	1	04/05/21 14:44	04/05/21 23:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	33.0	9.9	1	04/05/21 14:44	04/05/21 23:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	33.0	10.3	1	04/05/21 14:44	04/05/21 23:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	33.0	10.8	1	04/05/21 14:44	04/05/21 23:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	33.0	15.8	1	04/05/21 14:44	04/05/21 23:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	33.0	9.0	1	04/05/21 14:44	04/05/21 23:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	33.0	11.4	1	04/05/21 14:44	04/05/21 23:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	33.0	8.9	1	04/05/21 14:44	04/05/21 23:22	108-20-3	
Ethylbenzene	**70.3**	ug/kg	33.0	15.4	1	04/05/21 14:44	04/05/21 23:22	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	66.0	54.0	1	04/05/21 14:44	04/05/21 23:22	87-68-3	
2-Hexanone	ND	ug/kg	330	31.8	1	04/05/21 14:44	04/05/21 23:22	591-78-6	
Isopropylbenzene (Cumene)	**20.6J**	ug/kg	33.0	11.2	1	04/05/21 14:44	04/05/21 23:22	98-82-8	
p-Isopropyltoluene	**37.6**	ug/kg	33.0	16.2	1	04/05/21 14:44	04/05/21 23:22	99-87-6	
Methylene Chloride	ND	ug/kg	132	90.5	1	04/05/21 14:44	04/05/21 23:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	330	31.8	1	04/05/21 14:44	04/05/21 23:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	33.0	12.3	1	04/05/21 14:44	04/05/21 23:22	1634-04-4	
Naphthalene	**3350**	ug/kg	33.0	17.4	1	04/05/21 14:44	04/05/21 23:22	91-20-3	
n-Propylbenzene	**19.0J**	ug/kg	33.0	11.8	1	04/05/21 14:44	04/05/21 23:22	103-65-1	
Styrene	ND	ug/kg	33.0	8.7	1	04/05/21 14:44	04/05/21 23:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	33.0	12.7	1	04/05/21 14:44	04/05/21 23:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	33.0	8.7	1	04/05/21 14:44	04/05/21 23:22	79-34-5	
Tetrachloroethene	ND	ug/kg	33.0	10.4	1	04/05/21 14:44	04/05/21 23:22	127-18-4	
Toluene	**391**	ug/kg	33.0	9.4	1	04/05/21 14:44	04/05/21 23:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	33.0	26.7	1	04/05/21 14:44	04/05/21 23:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	33.0	27.7	1	04/05/21 14:44	04/05/21 23:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	33.0	17.2	1	04/05/21 14:44	04/05/21 23:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	33.0	11.0	1	04/05/21 14:44	04/05/21 23:22	79-00-5	
Trichloroethene	ND	ug/kg	33.0	8.5	1	04/05/21 14:44	04/05/21 23:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	33.0	18.2	1	04/05/21 14:44	04/05/21 23:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	33.0	16.7	1	04/05/21 14:44	04/05/21 23:22	96-18-4	
1,2,4-Trimethylbenzene	**109**	ug/kg	33.0	9.0	1	04/05/21 14:44	04/05/21 23:22	95-63-6	
1,3,5-Trimethylbenzene	**53.6**	ug/kg	33.0	11.1	1	04/05/21 14:44	04/05/21 23:22	108-67-8	
Vinyl acetate	ND	ug/kg	330	24.0	1	04/05/21 14:44	04/05/21 23:22	108-05-4	
Vinyl chloride	ND	ug/kg	66.0	16.8	1	04/05/21 14:44	04/05/21 23:22	75-01-4	
Xylene (Total)	**454**	ug/kg	66.0	18.8	1	04/05/21 14:44	04/05/21 23:22	1330-20-7	
m&p-Xylene	**347**	ug/kg	66.0	22.6	1	04/05/21 14:44	04/05/21 23:22	179601-23-1	
o-Xylene	**107**	ug/kg	33.0	14.6	1	04/05/21 14:44	04/05/21 23:22	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 23:22	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:22	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 23:22	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**64.2**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.9	18.3	1	04/07/21 12:56	04/07/21 19:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.9	19.2	1	04/07/21 12:56	04/07/21 19:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.9	17.5	1	04/07/21 12:56	04/07/21 19:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.9	9.4	1	04/07/21 12:56	04/07/21 19:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.9	12.5	1	04/07/21 12:56	04/07/21 19:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.9	9.4	1	04/07/21 12:56	04/07/21 19:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.9	11.9	1	04/07/21 12:56	04/07/21 19:13	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	61	%	10-160		1	04/07/21 12:56	04/07/21 19:13	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**48.9**	ug/kg	15.1	1.6	1	04/07/21 12:58	04/08/21 10:14	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	66	%	31-130		1	04/07/21 12:58	04/08/21 10:14	321-60-8	
Nitrobenzene-d5 (S)	92	%	32-130		1	04/07/21 12:58	04/08/21 10:14	4165-60-0	
Terphenyl-d14 (S)	72	%	24-130		1	04/07/21 12:58	04/08/21 10:14	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	83-32-9	
Acenaphthylene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	208-96-8	
Aniline	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	62-53-3	
Anthracene	ND	ug/kg	499	163	1	04/07/21 13:00	04/07/21 20:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	499	166	1	04/07/21 13:00	04/07/21 20:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	499	166	1	04/07/21 13:00	04/07/21 20:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	499	193	1	04/07/21 13:00	04/07/21 20:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	207-08-9	
Benzoic Acid	ND	ug/kg	2490	1070	1	04/07/21 13:00	04/07/21 20:09	65-85-0	
Benzyl alcohol	ND	ug/kg	998	378	1	04/07/21 13:00	04/07/21 20:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	499	210	1	04/07/21 13:00	04/07/21 20:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	998	351	1	04/07/21 13:00	04/07/21 20:09	59-50-7	
4-Chloroaniline	ND	ug/kg	998	392	1	04/07/21 13:00	04/07/21 20:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	499	207	1	04/07/21 13:00	04/07/21 20:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	499	198	1	04/07/21 13:00	04/07/21 20:09	91-58-7	
2-Chlorophenol	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	499	186	1	04/07/21 13:00	04/07/21 20:09	7005-72-3	
Chrysene	ND	ug/kg	499	181	1	04/07/21 13:00	04/07/21 20:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	53-70-3	
Dibenzofuran	ND	ug/kg	499	180	1	04/07/21 13:00	04/07/21 20:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	998	337	1	04/07/21 13:00	04/07/21 20:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	499	183	1	04/07/21 13:00	04/07/21 20:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	499	207	1	04/07/21 13:00	04/07/21 20:09	105-67-9	
Dimethylphthalate	ND	ug/kg	499	181	1	04/07/21 13:00	04/07/21 20:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	499	168	1	04/07/21 13:00	04/07/21 20:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	998	466	1	04/07/21 13:00	04/07/21 20:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2490	1540	1	04/07/21 13:00	04/07/21 20:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	499	183	1	04/07/21 13:00	04/07/21 20:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	499	197	1	04/07/21 13:00	04/07/21 20:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	499	193	1	04/07/21 13:00	04/07/21 20:09	117-81-7	
Fluoranthene	**262J**	ug/kg	499	171	1	04/07/21 13:00	04/07/21 20:09	206-44-0	
Fluorene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	499	286	1	04/07/21 13:00	04/07/21 20:09	77-47-4	
Hexachloroethane	ND	ug/kg	499	190	1	04/07/21 13:00	04/07/21 20:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	499	197	1	04/07/21 13:00	04/07/21 20:09	193-39-5	
Isophorone	ND	ug/kg	499	222	1	04/07/21 13:00	04/07/21 20:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	499	200	1	04/07/21 13:00	04/07/21 20:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	499	204	1	04/07/21 13:00	04/07/21 20:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	499	201	1	04/07/21 13:00	04/07/21 20:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2490	408	1	04/07/21 13:00	04/07/21 20:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2490	392	1	04/07/21 13:00	04/07/21 20:09	99-09-2	
4-Nitroaniline	ND	ug/kg	998	379	1	04/07/21 13:00	04/07/21 20:09	100-01-6	
Nitrobenzene	ND	ug/kg	499	231	1	04/07/21 13:00	04/07/21 20:09	98-95-3	
2-Nitrophenol	ND	ug/kg	499	216	1	04/07/21 13:00	04/07/21 20:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2490	964	1	04/07/21 13:00	04/07/21 20:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	499	168	1	04/07/21 13:00	04/07/21 20:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	499	177	1	04/07/21 13:00	04/07/21 20:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	499	237	1	04/07/21 13:00	04/07/21 20:09	108-60-1	
Pentachlorophenol	ND	ug/kg	998	488	1	04/07/21 13:00	04/07/21 20:09	87-86-5	
Phenanthrene	**174J**	ug/kg	499	163	1	04/07/21 13:00	04/07/21 20:09	85-01-8	
Phenol	ND	ug/kg	499	222	1	04/07/21 13:00	04/07/21 20:09	108-95-2	
Pyrene	**229J**	ug/kg	499	203	1	04/07/21 13:00	04/07/21 20:09	129-00-0	
Pyridine	ND	ug/kg	499	157	1	04/07/21 13:00	04/07/21 20:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	499	228	1	04/07/21 13:00	04/07/21 20:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	499	206	1	04/07/21 13:00	04/07/21 20:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	04/07/21 13:00	04/07/21 20:09	4165-60-0	
2-Fluorobiphenyl (S)	55	%	19-130		1	04/07/21 13:00	04/07/21 20:09	321-60-8	
Terphenyl-d14 (S)	52	%	15-130		1	04/07/21 13:00	04/07/21 20:09	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	04/07/21 13:00	04/07/21 20:09	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/07/21 13:00	04/07/21 20:09	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	71	%	18-130		1	04/07/21 13:00	04/07/21 20:09	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	198	63.6	1	04/05/21 14:44	04/05/21 23:40	67-64-1	
Benzene	ND	ug/kg	9.9	3.9	1	04/05/21 14:44	04/05/21 23:40	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/05/21 23:40	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/05/21 14:44	04/05/21 23:40	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	75-25-2	
Bromomethane	ND	ug/kg	19.8	15.7	1	04/05/21 14:44	04/05/21 23:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	198	47.6	1	04/05/21 14:44	04/05/21 23:40	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/05/21 14:44	04/05/21 23:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/05/21 23:40	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/05/21 14:44	04/05/21 23:40	108-90-7	
Chloroethane	ND	ug/kg	19.8	7.6	1	04/05/21 14:44	04/05/21 23:40	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/05/21 14:44	04/05/21 23:40	67-66-3	
Chloromethane	ND	ug/kg	19.8	8.3	1	04/05/21 14:44	04/05/21 23:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/05/21 14:44	04/05/21 23:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/05/21 14:44	04/05/21 23:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/05/21 14:44	04/05/21 23:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/05/21 14:44	04/05/21 23:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.8	4.3	1	04/05/21 14:44	04/05/21 23:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/05/21 23:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/05/21 14:44	04/05/21 23:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/05/21 23:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/05/21 14:44	04/05/21 23:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/05/21 23:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/05/21 14:44	04/05/21 23:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/05/21 14:44	04/05/21 23:40	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.8	16.2	1	04/05/21 14:44	04/05/21 23:40	87-68-3	
2-Hexanone	ND	ug/kg	99.1	9.6	1	04/05/21 14:44	04/05/21 23:40	591-78-6	
Isopropylbenzene (Cumene)	**7.1J**	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.9	4.9	1	04/05/21 14:44	04/05/21 23:40	99-87-6	
Methylene Chloride	ND	ug/kg	39.6	27.1	1	04/05/21 14:44	04/05/21 23:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.1	9.6	1	04/05/21 14:44	04/05/21 23:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/05/21 23:40	1634-04-4	
Naphthalene	**250**	ug/kg	9.9	5.2	1	04/05/21 14:44	04/05/21 23:40	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/05/21 14:44	04/05/21 23:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/05/21 14:44	04/05/21 23:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/05/21 14:44	04/05/21 23:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/05/21 23:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/05/21 23:40	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.4	1	04/05/21 14:44	04/05/21 23:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/05/21 14:44	04/05/21 23:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/05/21 23:40	108-67-8	
Vinyl acetate	ND	ug/kg	99.1	7.2	1	04/05/21 14:44	04/05/21 23:40	108-05-4	
Vinyl chloride	ND	ug/kg	19.8	5.0	1	04/05/21 14:44	04/05/21 23:40	75-01-4	
Xylene (Total)	**6.9J**	ug/kg	19.8	5.6	1	04/05/21 14:44	04/05/21 23:40	1330-20-7	
m&p-Xylene	**6.9J**	ug/kg	19.8	6.8	1	04/05/21 14:44	04/05/21 23:40	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 23:40	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:40	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-130		1	04/05/21 14:44	04/05/21 23:40	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**33.0**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.5	17.7	1	04/07/21 12:56	04/07/21 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.5	18.7	1	04/07/21 12:56	04/07/21 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.5	17.0	1	04/07/21 12:56	04/07/21 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.5	12.1	1	04/07/21 12:56	04/07/21 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.5	11.6	1	04/07/21 12:56	04/07/21 19:27	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	38	%	10-160		1	04/07/21 12:56	04/07/21 19:27	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**8.5J**	ug/kg	14.3	1.5	1	04/07/21 12:58	04/08/21 10:34	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	70	%	31-130		1	04/07/21 12:58	04/08/21 10:34	321-60-8	
Nitrobenzene-d5 (S)	94	%	32-130		1	04/07/21 12:58	04/08/21 10:34	4165-60-0	
Terphenyl-d14 (S)	107	%	24-130		1	04/07/21 12:58	04/08/21 10:34	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	83-32-9	
Acenaphthylene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	208-96-8	
Aniline	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	62-53-3	
Anthracene	ND	ug/kg	473	155	1	04/07/21 13:00	04/07/21 20:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	473	158	1	04/07/21 13:00	04/07/21 20:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	473	158	1	04/07/21 13:00	04/07/21 20:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	473	184	1	04/07/21 13:00	04/07/21 20:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	207-08-9	
Benzoic Acid	ND	ug/kg	2370	1020	1	04/07/21 13:00	04/07/21 20:39	65-85-0	
Benzyl alcohol	ND	ug/kg	947	359	1	04/07/21 13:00	04/07/21 20:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	473	199	1	04/07/21 13:00	04/07/21 20:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	947	333	1	04/07/21 13:00	04/07/21 20:39	59-50-7	
4-Chloroaniline	ND	ug/kg	947	372	1	04/07/21 13:00	04/07/21 20:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	473	197	1	04/07/21 13:00	04/07/21 20:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	473	188	1	04/07/21 13:00	04/07/21 20:39	91-58-7	
2-Chlorophenol	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	473	176	1	04/07/21 13:00	04/07/21 20:39	7005-72-3	
Chrysene	ND	ug/kg	473	172	1	04/07/21 13:00	04/07/21 20:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	53-70-3	
Dibenzofuran	ND	ug/kg	473	171	1	04/07/21 13:00	04/07/21 20:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	947	320	1	04/07/21 13:00	04/07/21 20:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	473	174	1	04/07/21 13:00	04/07/21 20:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	473	197	1	04/07/21 13:00	04/07/21 20:39	105-67-9	
Dimethylphthalate	ND	ug/kg	473	172	1	04/07/21 13:00	04/07/21 20:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	473	159	1	04/07/21 13:00	04/07/21 20:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	947	442	1	04/07/21 13:00	04/07/21 20:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2370	1460	1	04/07/21 13:00	04/07/21 20:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	473	174	1	04/07/21 13:00	04/07/21 20:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	473	187	1	04/07/21 13:00	04/07/21 20:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	473	184	1	04/07/21 13:00	04/07/21 20:39	117-81-7	
Fluoranthene	ND	ug/kg	473	162	1	04/07/21 13:00	04/07/21 20:39	206-44-0	
Fluorene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	473	271	1	04/07/21 13:00	04/07/21 20:39	77-47-4	
Hexachloroethane	ND	ug/kg	473	181	1	04/07/21 13:00	04/07/21 20:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	473	187	1	04/07/21 13:00	04/07/21 20:39	193-39-5	
Isophorone	ND	ug/kg	473	211	1	04/07/21 13:00	04/07/21 20:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	473	189	1	04/07/21 13:00	04/07/21 20:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	473	194	1	04/07/21 13:00	04/07/21 20:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	473	191	1	04/07/21 13:00	04/07/21 20:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2370	387	1	04/07/21 13:00	04/07/21 20:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2370	372	1	04/07/21 13:00	04/07/21 20:39	99-09-2	
4-Nitroaniline	ND	ug/kg	947	360	1	04/07/21 13:00	04/07/21 20:39	100-01-6	
Nitrobenzene	ND	ug/kg	473	220	1	04/07/21 13:00	04/07/21 20:39	98-95-3	
2-Nitrophenol	ND	ug/kg	473	205	1	04/07/21 13:00	04/07/21 20:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2370	915	1	04/07/21 13:00	04/07/21 20:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	473	159	1	04/07/21 13:00	04/07/21 20:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	473	168	1	04/07/21 13:00	04/07/21 20:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	473	225	1	04/07/21 13:00	04/07/21 20:39	108-60-1	
Pentachlorophenol	ND	ug/kg	947	463	1	04/07/21 13:00	04/07/21 20:39	87-86-5	
Phenanthrene	ND	ug/kg	473	155	1	04/07/21 13:00	04/07/21 20:39	85-01-8	
Phenol	ND	ug/kg	473	211	1	04/07/21 13:00	04/07/21 20:39	108-95-2	
Pyrene	ND	ug/kg	473	192	1	04/07/21 13:00	04/07/21 20:39	129-00-0	
Pyridine	ND	ug/kg	473	149	1	04/07/21 13:00	04/07/21 20:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	473	217	1	04/07/21 13:00	04/07/21 20:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	473	195	1	04/07/21 13:00	04/07/21 20:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 13:00	04/07/21 20:39	4165-60-0	
2-Fluorobiphenyl (S)	45	%	19-130		1	04/07/21 13:00	04/07/21 20:39	321-60-8	
Terphenyl-d14 (S)	55	%	15-130		1	04/07/21 13:00	04/07/21 20:39	1718-51-0	
Phenol-d6 (S)	62	%	18-130		1	04/07/21 13:00	04/07/21 20:39	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 20:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/07/21 13:00	04/07/21 20:39	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	112	36.0	1	04/05/21 14:44	04/05/21 23:58	67-64-1	
Benzene	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	75-27-4	
Bromoform	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	75-25-2	
Bromomethane	ND	ug/kg	11.2	8.9	1	04/05/21 14:44	04/05/21 23:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	112	26.9	1	04/05/21 14:44	04/05/21 23:58	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.6	1	04/05/21 14:44	04/05/21 23:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.1	1	04/05/21 14:44	04/05/21 23:58	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1.1	1	04/05/21 14:44	04/05/21 23:58	108-90-7	
Chloroethane	ND	ug/kg	11.2	4.3	1	04/05/21 14:44	04/05/21 23:58	75-00-3	
Chloroform	ND	ug/kg	5.6	3.4	1	04/05/21 14:44	04/05/21 23:58	67-66-3	
Chloromethane	ND	ug/kg	11.2	4.7	1	04/05/21 14:44	04/05/21 23:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	0.99	1	04/05/21 14:44	04/05/21 23:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	3.1	1	04/05/21 14:44	04/05/21 23:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1.2	1	04/05/21 14:44	04/05/21 23:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	2.4	1	04/05/21 14:44	04/05/21 23:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	2.3	1	04/05/21 14:44	04/05/21 23:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	3.7	1	04/05/21 14:44	04/05/21 23:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	2.3	1	04/05/21 14:44	04/05/21 23:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	2.7	1	04/05/21 14:44	04/05/21 23:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.6	1	04/05/21 14:44	04/05/21 23:58	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	11.2	9.2	1	04/05/21 14:44	04/05/21 23:58	87-68-3	
2-Hexanone	ND	ug/kg	56.0	5.4	1	04/05/21 14:44	04/05/21 23:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	2.8	1	04/05/21 14:44	04/05/21 23:58	99-87-6	
Methylene Chloride	ND	ug/kg	22.4	15.4	1	04/05/21 14:44	04/05/21 23:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.0	5.4	1	04/05/21 14:44	04/05/21 23:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	2.1	1	04/05/21 14:44	04/05/21 23:58	1634-04-4	
Naphthalene	ND	ug/kg	5.6	2.9	1	04/05/21 14:44	04/05/21 23:58	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	103-65-1	
Styrene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	127-18-4	
Toluene	ND	ug/kg	5.6	1.6	1	04/05/21 14:44	04/05/21 23:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	4.5	1	04/05/21 14:44	04/05/21 23:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	4.7	1	04/05/21 14:44	04/05/21 23:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	2.9	1	04/05/21 14:44	04/05/21 23:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1.4	1	04/05/21 14:44	04/05/21 23:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	3.1	1	04/05/21 14:44	04/05/21 23:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	2.8	1	04/05/21 14:44	04/05/21 23:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	108-67-8	
Vinyl acetate	ND	ug/kg	56.0	4.1	1	04/05/21 14:44	04/05/21 23:58	108-05-4	
Vinyl chloride	ND	ug/kg	11.2	2.8	1	04/05/21 14:44	04/05/21 23:58	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	3.2	1	04/05/21 14:44	04/05/21 23:58	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	3.8	1	04/05/21 14:44	04/05/21 23:58	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 23:58	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:58	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/05/21 14:44	04/05/21 23:58	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**31.2**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.4	18.8	1	04/07/21 12:56	04/07/21 19:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.4	19.8	1	04/07/21 12:56	04/07/21 19:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.4	18.0	1	04/07/21 12:56	04/07/21 19:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 19:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.4	12.8	1	04/07/21 12:56	04/07/21 19:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 19:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.4	12.3	1	04/07/21 12:56	04/07/21 19:42	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	29	%	10-160		1	04/07/21 12:56	04/07/21 19:42	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**50.7**	ug/kg	15.7	1.6	1	04/07/21 12:58	04/08/21 10:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	74	%	31-130		1	04/07/21 12:58	04/08/21 10:55	321-60-8	
Nitrobenzene-d5 (S)	89	%	32-130		1	04/07/21 12:58	04/08/21 10:55	4165-60-0	
Terphenyl-d14 (S)	104	%	24-130		1	04/07/21 12:58	04/08/21 10:55	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	83-32-9	
Acenaphthylene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	208-96-8	
Aniline	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	62-53-3	
Anthracene	ND	ug/kg	514	168	1	04/07/21 13:00	04/07/21 21:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	514	171	1	04/07/21 13:00	04/07/21 21:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	514	171	1	04/07/21 13:00	04/07/21 21:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	514	199	1	04/07/21 13:00	04/07/21 21:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	207-08-9	
Benzoic Acid	ND	ug/kg	2570	1100	1	04/07/21 13:00	04/07/21 21:09	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	390	1	04/07/21 13:00	04/07/21 21:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	514	217	1	04/07/21 13:00	04/07/21 21:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	361	1	04/07/21 13:00	04/07/21 21:09	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	404	1	04/07/21 13:00	04/07/21 21:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	514	213	1	04/07/21 13:00	04/07/21 21:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	514	204	1	04/07/21 13:00	04/07/21 21:09	91-58-7	
2-Chlorophenol	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	514	192	1	04/07/21 13:00	04/07/21 21:09	7005-72-3	
Chrysene	ND	ug/kg	514	187	1	04/07/21 13:00	04/07/21 21:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	53-70-3	
Dibenzofuran	ND	ug/kg	514	185	1	04/07/21 13:00	04/07/21 21:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	347	1	04/07/21 13:00	04/07/21 21:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	514	189	1	04/07/21 13:00	04/07/21 21:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	514	213	1	04/07/21 13:00	04/07/21 21:09	105-67-9	
Dimethylphthalate	ND	ug/kg	514	187	1	04/07/21 13:00	04/07/21 21:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	514	173	1	04/07/21 13:00	04/07/21 21:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	480	1	04/07/21 13:00	04/07/21 21:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2570	1590	1	04/07/21 13:00	04/07/21 21:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	514	189	1	04/07/21 13:00	04/07/21 21:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	514	203	1	04/07/21 13:00	04/07/21 21:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	514	199	1	04/07/21 13:00	04/07/21 21:09	117-81-7	
Fluoranthene	ND	ug/kg	514	176	1	04/07/21 13:00	04/07/21 21:09	206-44-0	
Fluorene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	514	294	1	04/07/21 13:00	04/07/21 21:09	77-47-4	
Hexachloroethane	ND	ug/kg	514	196	1	04/07/21 13:00	04/07/21 21:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	514	203	1	04/07/21 13:00	04/07/21 21:09	193-39-5	
Isophorone	ND	ug/kg	514	229	1	04/07/21 13:00	04/07/21 21:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	514	206	1	04/07/21 13:00	04/07/21 21:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	514	210	1	04/07/21 13:00	04/07/21 21:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	514	207	1	04/07/21 13:00	04/07/21 21:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2570	421	1	04/07/21 13:00	04/07/21 21:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2570	404	1	04/07/21 13:00	04/07/21 21:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	391	1	04/07/21 13:00	04/07/21 21:09	100-01-6	
Nitrobenzene	ND	ug/kg	514	238	1	04/07/21 13:00	04/07/21 21:09	98-95-3	
2-Nitrophenol	ND	ug/kg	514	223	1	04/07/21 13:00	04/07/21 21:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2570	994	1	04/07/21 13:00	04/07/21 21:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	514	173	1	04/07/21 13:00	04/07/21 21:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	514	182	1	04/07/21 13:00	04/07/21 21:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	514	245	1	04/07/21 13:00	04/07/21 21:09	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	503	1	04/07/21 13:00	04/07/21 21:09	87-86-5	
Phenanthrene	ND	ug/kg	514	168	1	04/07/21 13:00	04/07/21 21:09	85-01-8	
Phenol	ND	ug/kg	514	229	1	04/07/21 13:00	04/07/21 21:09	108-95-2	
Pyrene	ND	ug/kg	514	209	1	04/07/21 13:00	04/07/21 21:09	129-00-0	
Pyridine	ND	ug/kg	514	162	1	04/07/21 13:00	04/07/21 21:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	514	235	1	04/07/21 13:00	04/07/21 21:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	514	212	1	04/07/21 13:00	04/07/21 21:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/07/21 13:00	04/07/21 21:09	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 13:00	04/07/21 21:09	321-60-8	
Terphenyl-d14 (S)	58	%	15-130		1	04/07/21 13:00	04/07/21 21:09	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/07/21 13:00	04/07/21 21:09	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/07/21 13:00	04/07/21 21:09	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 21:09	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	199	63.8	1	04/05/21 14:44	04/06/21 00:16	67-64-1	
Benzene	ND	ug/kg	9.9	4.0	1	04/05/21 14:44	04/06/21 00:16	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/06/21 00:16	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/05/21 14:44	04/06/21 00:16	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/06/21 00:16	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.7	1	04/05/21 14:44	04/06/21 00:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	199	47.7	1	04/05/21 14:44	04/06/21 00:16	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/05/21 14:44	04/06/21 00:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/06/21 00:16	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/05/21 14:44	04/06/21 00:16	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	04/05/21 14:44	04/06/21 00:16	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/05/21 14:44	04/06/21 00:16	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.3	1	04/05/21 14:44	04/06/21 00:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/05/21 14:44	04/06/21 00:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.9	1	04/05/21 14:44	04/06/21 00:16	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/05/21 14:44	04/06/21 00:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/05/21 14:44	04/06/21 00:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/05/21 14:44	04/06/21 00:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	04/05/21 14:44	04/06/21 00:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/06/21 00:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/05/21 14:44	04/06/21 00:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/06/21 00:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/05/21 14:44	04/06/21 00:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/06/21 00:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/05/21 14:44	04/06/21 00:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/05/21 14:44	04/06/21 00:16	100-41-4	

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	04/05/21 14:44	04/06/21 00:16	87-68-3	
2-Hexanone	ND	ug/kg	99.3	9.6	1	04/05/21 14:44	04/06/21 00:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.9	4.9	1	04/05/21 14:44	04/06/21 00:16	99-87-6	
Methylene Chloride	ND	ug/kg	39.7	27.2	1	04/05/21 14:44	04/06/21 00:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.3	9.6	1	04/05/21 14:44	04/06/21 00:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/06/21 00:16	1634-04-4	
Naphthalene	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/06/21 00:16	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/06/21 00:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/05/21 14:44	04/06/21 00:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/05/21 14:44	04/06/21 00:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/05/21 14:44	04/06/21 00:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/06/21 00:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/06/21 00:16	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.5	1	04/05/21 14:44	04/06/21 00:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/05/21 14:44	04/06/21 00:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/06/21 00:16	108-67-8	
Vinyl acetate	ND	ug/kg	99.3	7.2	1	04/05/21 14:44	04/06/21 00:16	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.0	1	04/05/21 14:44	04/06/21 00:16	75-01-4	
Xylene (Total)	ND	ug/kg	19.9	5.7	1	04/05/21 14:44	04/06/21 00:16	1330-20-7	
m&p-Xylene	ND	ug/kg	19.9	6.8	1	04/05/21 14:44	04/06/21 00:16	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/06/21 00:16	2037-26-5	
4-Bromofluorobenzene (S)	105	%	69-134		1	04/05/21 14:44	04/06/21 00:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/06/21 00:16	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**35.6**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	277	101	5	04/07/21 12:56	04/07/21 22:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	277	107	5	04/07/21 12:56	04/07/21 22:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	277	97.0	5	04/07/21 12:56	04/07/21 22:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	277	52.2	5	04/07/21 12:56	04/07/21 22:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	277	69.2	5	04/07/21 12:56	04/07/21 22:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	277	52.1	5	04/07/21 12:56	04/07/21 22:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	277	66.2	5	04/07/21 12:56	04/07/21 22:33	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	72	%	10-160		5	04/07/21 12:56	04/07/21 22:33	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**862**	ug/kg	16.7	1.7	1	04/07/21 12:58	04/08/21 11:15	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	69	%	31-130		1	04/07/21 12:58	04/08/21 11:15	321-60-8	
Nitrobenzene-d5 (S)	94	%	32-130		1	04/07/21 12:58	04/08/21 11:15	4165-60-0	
Terphenyl-d14 (S)	106	%	24-130		1	04/07/21 12:58	04/08/21 11:15	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	83-32-9	
Acenaphthylene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	208-96-8	
Aniline	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	62-53-3	
Anthracene	ND	ug/kg	550	180	1	04/07/21 13:00	04/07/21 21:39	120-12-7	
Benzo(a)anthracene	**546J**	ug/kg	550	183	1	04/07/21 13:00	04/07/21 21:39	56-55-3	
Benzo(b)fluoranthene	**633**	ug/kg	550	183	1	04/07/21 13:00	04/07/21 21:39	205-99-2	
Benzo(g,h,i)perylene	**301J**	ug/kg	550	213	1	04/07/21 13:00	04/07/21 21:39	191-24-2	
Benzo(k)fluoranthene	**287J**	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	207-08-9	
Benzoic Acid	ND	ug/kg	2750	1180	1	04/07/21 13:00	04/07/21 21:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1100	417	1	04/07/21 13:00	04/07/21 21:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	550	232	1	04/07/21 13:00	04/07/21 21:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1100	387	1	04/07/21 13:00	04/07/21 21:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1100	432	1	04/07/21 13:00	04/07/21 21:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	550	228	1	04/07/21 13:00	04/07/21 21:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	550	218	1	04/07/21 13:00	04/07/21 21:39	91-58-7	
2-Chlorophenol	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	550	205	1	04/07/21 13:00	04/07/21 21:39	7005-72-3	
Chrysene	**518J**	ug/kg	550	200	1	04/07/21 13:00	04/07/21 21:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	53-70-3	
Dibenzofuran	ND	ug/kg	550	198	1	04/07/21 13:00	04/07/21 21:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1100	372	1	04/07/21 13:00	04/07/21 21:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	550	202	1	04/07/21 13:00	04/07/21 21:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	550	228	1	04/07/21 13:00	04/07/21 21:39	105-67-9	
Dimethylphthalate	ND	ug/kg	550	200	1	04/07/21 13:00	04/07/21 21:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	550	185	1	04/07/21 13:00	04/07/21 21:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1100	514	1	04/07/21 13:00	04/07/21 21:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2750	1700	1	04/07/21 13:00	04/07/21 21:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	550	202	1	04/07/21 13:00	04/07/21 21:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	550	217	1	04/07/21 13:00	04/07/21 21:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	550	213	1	04/07/21 13:00	04/07/21 21:39	117-81-7	
Fluoranthene	**907**	ug/kg	550	188	1	04/07/21 13:00	04/07/21 21:39	206-44-0	
Fluorene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	550	315	1	04/07/21 13:00	04/07/21 21:39	77-47-4	
Hexachloroethane	ND	ug/kg	550	210	1	04/07/21 13:00	04/07/21 21:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**264J**	ug/kg	550	217	1	04/07/21 13:00	04/07/21 21:39	193-39-5	
Isophorone	ND	ug/kg	550	245	1	04/07/21 13:00	04/07/21 21:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	550	220	1	04/07/21 13:00	04/07/21 21:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	550	225	1	04/07/21 13:00	04/07/21 21:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	550	222	1	04/07/21 13:00	04/07/21 21:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2750	450	1	04/07/21 13:00	04/07/21 21:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2750	432	1	04/07/21 13:00	04/07/21 21:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1100	419	1	04/07/21 13:00	04/07/21 21:39	100-01-6	
Nitrobenzene	ND	ug/kg	550	255	1	04/07/21 13:00	04/07/21 21:39	98-95-3	
2-Nitrophenol	ND	ug/kg	550	239	1	04/07/21 13:00	04/07/21 21:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2750	1060	1	04/07/21 13:00	04/07/21 21:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	550	185	1	04/07/21 13:00	04/07/21 21:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	550	195	1	04/07/21 13:00	04/07/21 21:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	550	262	1	04/07/21 13:00	04/07/21 21:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1100	539	1	04/07/21 13:00	04/07/21 21:39	87-86-5	
Phenanthrene	**301J**	ug/kg	550	180	1	04/07/21 13:00	04/07/21 21:39	85-01-8	
Phenol	ND	ug/kg	550	245	1	04/07/21 13:00	04/07/21 21:39	108-95-2	
Pyrene	**808**	ug/kg	550	223	1	04/07/21 13:00	04/07/21 21:39	129-00-0	
Pyridine	ND	ug/kg	550	173	1	04/07/21 13:00	04/07/21 21:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	550	252	1	04/07/21 13:00	04/07/21 21:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	550	227	1	04/07/21 13:00	04/07/21 21:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	21-130		1	04/07/21 13:00	04/07/21 21:39	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 21:39	321-60-8	
Terphenyl-d14 (S)	52	%	15-130		1	04/07/21 13:00	04/07/21 21:39	1718-51-0	
Phenol-d6 (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 21:39	13127-88-3	
2-Fluorophenol (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 21:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	45	%	18-130		1	04/07/21 13:00	04/07/21 21:39	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**119J**	ug/kg	256	82.3	1	04/05/21 14:44	04/06/21 00:34	67-64-1	
Benzene	**7.2J**	ug/kg	12.8	5.1	1	04/05/21 14:44	04/06/21 00:34	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/05/21 14:44	04/06/21 00:34	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/05/21 14:44	04/06/21 00:34	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/05/21 14:44	04/06/21 00:34	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.3	1	04/05/21 14:44	04/06/21 00:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	256	61.5	1	04/05/21 14:44	04/06/21 00:34	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/05/21 14:44	04/06/21 00:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/05/21 14:44	04/06/21 00:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/05/21 14:44	04/06/21 00:34	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/05/21 14:44	04/06/21 00:34	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	04/05/21 14:44	04/06/21 00:34	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/05/21 14:44	04/06/21 00:34	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.8	1	04/05/21 14:44	04/06/21 00:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/05/21 14:44	04/06/21 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/05/21 14:44	04/06/21 00:34	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/05/21 14:44	04/06/21 00:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/05/21 14:44	04/06/21 00:34	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/05/21 14:44	04/06/21 00:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/05/21 14:44	04/06/21 00:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/05/21 14:44	04/06/21 00:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.6	1	04/05/21 14:44	04/06/21 00:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/05/21 14:44	04/06/21 00:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/05/21 14:44	04/06/21 00:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/05/21 14:44	04/06/21 00:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/05/21 14:44	04/06/21 00:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/05/21 14:44	04/06/21 00:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/05/21 14:44	04/06/21 00:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.2	1	04/05/21 14:44	04/06/21 00:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	108-20-3	
Ethylbenzene	**10.6J**	ug/kg	12.8	6.0	1	04/05/21 14:44	04/06/21 00:34	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	21.0	1	04/05/21 14:44	04/06/21 00:34	87-68-3	
2-Hexanone	ND	ug/kg	128	12.4	1	04/05/21 14:44	04/06/21 00:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	98-82-8	
p-Isopropyltoluene	**7.7J**	ug/kg	12.8	6.3	1	04/05/21 14:44	04/06/21 00:34	99-87-6	
Methylene Chloride	ND	ug/kg	51.3	35.1	1	04/05/21 14:44	04/06/21 00:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.4	1	04/05/21 14:44	04/06/21 00:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/05/21 14:44	04/06/21 00:34	1634-04-4	
Naphthalene	**140**	ug/kg	12.8	6.7	1	04/05/21 14:44	04/06/21 00:34	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/05/21 14:44	04/06/21 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/05/21 14:44	04/06/21 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/05/21 14:44	04/06/21 00:34	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.1	1	04/05/21 14:44	04/06/21 00:34	127-18-4	
Toluene	**28.3**	ug/kg	12.8	3.6	1	04/05/21 14:44	04/06/21 00:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.4	1	04/05/21 14:44	04/06/21 00:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.8	1	04/05/21 14:44	04/06/21 00:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.7	1	04/05/21 14:44	04/06/21 00:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.3	1	04/05/21 14:44	04/06/21 00:34	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/05/21 14:44	04/06/21 00:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/05/21 14:44	04/06/21 00:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/05/21 14:44	04/06/21 00:34	96-18-4	
1,2,4-Trimethylbenzene	**17.2**	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	95-63-6	
1,3,5-Trimethylbenzene	**5.7J**	ug/kg	12.8	4.3	1	04/05/21 14:44	04/06/21 00:34	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/05/21 14:44	04/06/21 00:34	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	04/05/21 14:44	04/06/21 00:34	75-01-4	
Xylene (Total)	**55.1**	ug/kg	25.6	7.3	1	04/05/21 14:44	04/06/21 00:34	1330-20-7	
m&p-Xylene	**36.3**	ug/kg	25.6	8.8	1	04/05/21 14:44	04/06/21 00:34	179601-23-1	
o-Xylene	**18.8**	ug/kg	12.8	5.7	1	04/05/21 14:44	04/06/21 00:34	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/06/21 00:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/06/21 00:34	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/05/21 14:44	04/06/21 00:34	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**40.4**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	259	95.0	5	04/07/21 12:56	04/07/21 22:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	259	100	5	04/07/21 12:56	04/07/21 22:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	259	90.9	5	04/07/21 12:56	04/07/21 22:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	259	48.9	5	04/07/21 12:56	04/07/21 22:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	259	64.8	5	04/07/21 12:56	04/07/21 22:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	259	48.8	5	04/07/21 12:56	04/07/21 22:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	259	62.0	5	04/07/21 12:56	04/07/21 22:48	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	80	%	10-160		5	04/07/21 12:56	04/07/21 22:48	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**777**	ug/kg	15.9	1.6	1	04/07/21 12:58	04/08/21 11:35	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	81	%	31-130		1	04/07/21 12:58	04/08/21 11:35	321-60-8	
Nitrobenzene-d5 (S)	95	%	32-130		1	04/07/21 12:58	04/08/21 11:35	4165-60-0	
Terphenyl-d14 (S)	115	%	24-130		1	04/07/21 12:58	04/08/21 11:35	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	83-32-9	
Acenaphthylene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	208-96-8	
Aniline	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	62-53-3	
Anthracene	**293J**	ug/kg	517	169	1	04/07/21 13:00	04/07/21 22:09	120-12-7	
Benzo(a)anthracene	**764**	ug/kg	517	172	1	04/07/21 13:00	04/07/21 22:09	56-55-3	
Benzo(b)fluoranthene	**803**	ug/kg	517	172	1	04/07/21 13:00	04/07/21 22:09	205-99-2	
Benzo(g,h,i)perylene	**353J**	ug/kg	517	201	1	04/07/21 13:00	04/07/21 22:09	191-24-2	
Benzo(k)fluoranthene	**294J**	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	207-08-9	
Benzoic Acid	ND	ug/kg	2590	1110	1	04/07/21 13:00	04/07/21 22:09	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	392	1	04/07/21 13:00	04/07/21 22:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	517	218	1	04/07/21 13:00	04/07/21 22:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	364	1	04/07/21 13:00	04/07/21 22:09	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	406	1	04/07/21 13:00	04/07/21 22:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	517	215	1	04/07/21 13:00	04/07/21 22:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	517	205	1	04/07/21 13:00	04/07/21 22:09	91-58-7	
2-Chlorophenol	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	517	193	1	04/07/21 13:00	04/07/21 22:09	7005-72-3	
Chrysene	**693**	ug/kg	517	188	1	04/07/21 13:00	04/07/21 22:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	53-70-3	
Dibenzofuran	ND	ug/kg	517	186	1	04/07/21 13:00	04/07/21 22:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	04/07/21 13:00	04/07/21 22:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	517	190	1	04/07/21 13:00	04/07/21 22:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	517	215	1	04/07/21 13:00	04/07/21 22:09	105-67-9	
Dimethylphthalate	ND	ug/kg	517	188	1	04/07/21 13:00	04/07/21 22:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	517	174	1	04/07/21 13:00	04/07/21 22:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	483	1	04/07/21 13:00	04/07/21 22:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2590	1600	1	04/07/21 13:00	04/07/21 22:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	517	190	1	04/07/21 13:00	04/07/21 22:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	517	204	1	04/07/21 13:00	04/07/21 22:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	517	201	1	04/07/21 13:00	04/07/21 22:09	117-81-7	
Fluoranthene	**1570**	ug/kg	517	177	1	04/07/21 13:00	04/07/21 22:09	206-44-0	
Fluorene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	517	296	1	04/07/21 13:00	04/07/21 22:09	77-47-4	
Hexachloroethane	ND	ug/kg	517	197	1	04/07/21 13:00	04/07/21 22:09	67-72-1	
Indeno(1,2,3-cd)pyrene	**337J**	ug/kg	517	204	1	04/07/21 13:00	04/07/21 22:09	193-39-5	
Isophorone	ND	ug/kg	517	230	1	04/07/21 13:00	04/07/21 22:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	517	207	1	04/07/21 13:00	04/07/21 22:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	517	212	1	04/07/21 13:00	04/07/21 22:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	517	208	1	04/07/21 13:00	04/07/21 22:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2590	423	1	04/07/21 13:00	04/07/21 22:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2590	406	1	04/07/21 13:00	04/07/21 22:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	04/07/21 13:00	04/07/21 22:09	100-01-6	
Nitrobenzene	ND	ug/kg	517	240	1	04/07/21 13:00	04/07/21 22:09	98-95-3	
2-Nitrophenol	ND	ug/kg	517	224	1	04/07/21 13:00	04/07/21 22:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2590	1000	1	04/07/21 13:00	04/07/21 22:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	517	174	1	04/07/21 13:00	04/07/21 22:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	517	183	1	04/07/21 13:00	04/07/21 22:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	517	246	1	04/07/21 13:00	04/07/21 22:09	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	506	1	04/07/21 13:00	04/07/21 22:09	87-86-5	
Phenanthrene	**557**	ug/kg	517	169	1	04/07/21 13:00	04/07/21 22:09	85-01-8	
Phenol	ND	ug/kg	517	230	1	04/07/21 13:00	04/07/21 22:09	108-95-2	
Pyrene	**1290**	ug/kg	517	210	1	04/07/21 13:00	04/07/21 22:09	129-00-0	
Pyridine	ND	ug/kg	517	163	1	04/07/21 13:00	04/07/21 22:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	517	237	1	04/07/21 13:00	04/07/21 22:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	517	213	1	04/07/21 13:00	04/07/21 22:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	04/07/21 13:00	04/07/21 22:09	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 13:00	04/07/21 22:09	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/07/21 13:00	04/07/21 22:09	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	04/07/21 13:00	04/07/21 22:09	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 22:09	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 22:09	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	144	46.2	1	04/05/21 14:44	04/06/21 01:11	67-64-1	
Benzene	ND	ug/kg	7.2	2.9	1	04/05/21 14:44	04/06/21 01:11	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	04/05/21 14:44	04/06/21 01:11	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	04/05/21 14:44	04/06/21 01:11	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	04/05/21 14:44	04/06/21 01:11	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	04/05/21 14:44	04/06/21 01:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	04/05/21 14:44	04/06/21 01:11	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	04/05/21 14:44	04/06/21 01:11	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	04/05/21 14:44	04/06/21 01:11	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	04/05/21 14:44	04/06/21 01:11	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.0	1	04/05/21 14:44	04/06/21 01:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	04/05/21 14:44	04/06/21 01:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	04/05/21 14:44	04/06/21 01:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	04/05/21 14:44	04/06/21 01:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	04/05/21 14:44	04/06/21 01:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	04/05/21 14:44	04/06/21 01:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	04/05/21 14:44	04/06/21 01:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	04/05/21 14:44	04/06/21 01:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	04/05/21 14:44	04/06/21 01:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	108-20-3	
Ethylbenzene	ND	ug/kg	7.2	3.4	1	04/05/21 14:44	04/06/21 01:11	100-41-4	IK

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	04/05/21 14:44	04/06/21 01:11	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	04/05/21 14:44	04/06/21 01:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.5	1	04/05/21 14:44	04/06/21 01:11	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	04/05/21 14:44	04/06/21 01:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	04/05/21 14:44	04/06/21 01:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	04/05/21 14:44	04/06/21 01:11	1634-04-4	
Naphthalene	**13.1**	ug/kg	7.2	3.8	1	04/05/21 14:44	04/06/21 01:11	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	127-18-4	
Toluene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	04/05/21 14:44	04/06/21 01:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.0	1	04/05/21 14:44	04/06/21 01:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	04/05/21 14:44	04/06/21 01:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	04/05/21 14:44	04/06/21 01:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	04/05/21 14:44	04/06/21 01:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	04/05/21 14:44	04/06/21 01:11	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	04/05/21 14:44	04/06/21 01:11	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	4.1	1	04/05/21 14:44	04/06/21 01:11	1330-20-7	
m&p-Xylene	ND	ug/kg	14.4	4.9	1	04/05/21 14:44	04/06/21 01:11	179601-23-1	
o-Xylene	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/06/21 01:11	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/06/21 01:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/06/21 01:11	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**36.2**	%	0.10	0.10	1		04/05/21 13:20		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: TRIP BLANK **Lab ID: 92531093015** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	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		04/05/21 12:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/21 12:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/21 12:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/21 12:47	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/21 12:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/21 12:47	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/21 12:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/21 12:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/21 12:47	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/05/21 12:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/21 12:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 12:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 12:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/21 12:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/21 12:47	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/21 12:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/21 12:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/21 12:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/21 12:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 12:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/21 12:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 12:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/21 12:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/21 12:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/21 12:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/21 12:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/21 12:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 12:47	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 12:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/21 12:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/21 12:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/21 12:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/21 12:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/21 12:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/21 12:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/21 12:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/21 12:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/21 12:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/21 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/21 12:47	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: TRIP BLANK **Lab ID: 92531093015** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	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		04/05/21 12:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/21 12:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/21 12:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/21 12:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/21 12:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 12:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 12:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/21 12:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/21 12:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/21 12:47	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/21 12:47	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/05/21 12:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/21 12:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/05/21 12:47	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/05/21 12:47	17060-07-0	
Toluene-d8 (S)	112	%	70-130		1		04/05/21 12:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	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	04/07/21 07:21	04/07/21 15:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/07/21 07:21	04/07/21 15:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 15:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/07/21 07:21	04/07/21 15:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 15:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 15:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/07/21 07:21	04/07/21 15:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/07/21 07:21	04/07/21 15:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 15:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/07/21 07:21	04/07/21 15:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/07/21 07:21	04/07/21 15:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/07/21 07:21	04/07/21 15:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 15:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 15:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 15:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/07/21 07:21	04/07/21 15:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/07/21 07:21	04/07/21 15:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/07/21 07:21	04/07/21 15:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/07/21 07:21	04/07/21 15:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/07/21 07:21	04/07/21 15:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/07/21 07:21	04/07/21 15:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	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	04/07/21 07:21	04/07/21 15:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 15:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/07/21 07:21	04/07/21 15:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	88-75-5	L1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/07/21 07:21	04/07/21 15:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/07/21 07:21	04/07/21 15:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 15:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 15:19	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	10-144		1	04/07/21 07:21	04/07/21 15:19	4165-60-0	
2-Fluorobiphenyl (S)	47	%	10-130		1	04/07/21 07:21	04/07/21 15:19	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/07/21 07:21	04/07/21 15:19	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	04/07/21 07:21	04/07/21 15:19	13127-88-3	
2-Fluorophenol (S)	40	%	10-130		1	04/07/21 07:21	04/07/21 15:19	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-144		1	04/07/21 07:21	04/07/21 15:19	118-79-6	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		04/05/21 13:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/21 13:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/21 13:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/21 13:04	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/21 13:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/21 13:04	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/21 13:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/21 13:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/21 13:04	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/05/21 13:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/21 13:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 13:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 13:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/21 13:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/21 13:04	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/21 13:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	95-50-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/21 13:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/21 13:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/21 13:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 13:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/21 13:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 13:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/21 13:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/21 13:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/21 13:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/21 13:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/21 13:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 13:04	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 13:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/21 13:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/21 13:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/21 13:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/21 13:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/21 13:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/21 13:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/21 13:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/21 13:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/21 13:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/21 13:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/21 13:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/21 13:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/21 13:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/21 13:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/21 13:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 13:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 13:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/21 13:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/21 13:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/21 13:04	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/21 13:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/05/21 13:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/21 13:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/05/21 13:04	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		04/05/21 13:04	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/05/21 13:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611379
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093015, 92531093016

METHOD BLANK: 3218751 Matrix: Water
Associated Lab Samples: 92531093015, 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/05/21 11:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/05/21 11:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/05/21 11:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/05/21 11:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/05/21 11:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/05/21 11:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/05/21 11:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/05/21 11:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/05/21 11:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/05/21 11:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/05/21 11:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/05/21 11:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/05/21 11:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/05/21 11:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/05/21 11:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/05/21 11:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/05/21 11:55	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/21 11:55	
2-Hexanone	ug/L	ND	5.0	0.48	04/05/21 11:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/21 11:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/05/21 11:55	
Acetone	ug/L	ND	25.0	5.1	04/05/21 11:55	
Benzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
Bromobenzene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Bromochloromethane	ug/L	ND	1.0	0.47	04/05/21 11:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/05/21 11:55	
Bromoform	ug/L	ND	1.0	0.34	04/05/21 11:55	IK
Bromomethane	ug/L	ND	2.0	1.7	04/05/21 11:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/05/21 11:55	
Chlorobenzene	ug/L	ND	1.0	0.28	04/05/21 11:55	
Chloroethane	ug/L	ND	1.0	0.65	04/05/21 11:55	
Chloroform	ug/L	ND	5.0	1.6	04/05/21 11:55	
Chloromethane	ug/L	ND	1.0	0.54	04/05/21 11:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/05/21 11:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/21 11:55	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/05/21 11:55	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/05/21 11:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/05/21 11:55	

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
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3218751 Matrix: Water
Associated Lab Samples: 92531093015, 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/05/21 11:55	
Ethylbenzene	ug/L	ND	1.0	0.30	04/05/21 11:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/05/21 11:55	
m&p-Xylene	ug/L	ND	2.0	0.71	04/05/21 11:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/05/21 11:55	
Methylene Chloride	ug/L	ND	5.0	2.0	04/05/21 11:55	
Naphthalene	ug/L	ND	1.0	0.64	04/05/21 11:55	
o-Xylene	ug/L	ND	1.0	0.34	04/05/21 11:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/05/21 11:55	
Styrene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Toluene	ug/L	ND	1.0	0.48	04/05/21 11:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/05/21 11:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/21 11:55	
Trichloroethene	ug/L	ND	1.0	0.38	04/05/21 11:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/05/21 11:55	
Vinyl acetate	ug/L	ND	2.0	1.3	04/05/21 11:55	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/05/21 11:55	
Xylene (Total)	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,2-Dichloroethane-d4 (S)	%	90	70-130		04/05/21 11:55	
4-Bromofluorobenzene (S)	%	102	70-130		04/05/21 11:55	
Toluene-d8 (S)	%	109	70-130		04/05/21 11:55	

LABORATORY CONTROL SAMPLE: 3218752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	43.9	88	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	70-130	
1,1,2-Trichloroethane	ug/L	50	43.9	88	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	43.5	87	70-130	
1,1-Dichloropropene	ug/L	50	45.5	91	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.3	111	70-130	
1,2,3-Trichloropropane	ug/L	50	49.0	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.6	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	47.8	96	70-130	
1,2-Dichloropropane	ug/L	50	55.8	112	70-130	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	
1,3-Dichloropropane	ug/L	50	45.8	92	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
2,2-Dichloropropane	ug/L	50	55.2	110	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3218752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	IK
2-Chlorotoluene	ug/L	50	53.7	107	70-130	
2-Hexanone	ug/L	100	101	101	70-130	
4-Chlorotoluene	ug/L	50	51.3	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.5	94	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	55.5	111	70-130	
Bromobenzene	ug/L	50	53.4	107	70-130	
Bromochloromethane	ug/L	50	53.9	108	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	45.4	91	70-130	IK
Bromomethane	ug/L	50	47.1	94	70-130	
Carbon tetrachloride	ug/L	50	50.7	101	70-130	
Chlorobenzene	ug/L	50	51.2	102	70-130	
Chloroethane	ug/L	50	47.0	94	70-130	
Chloroform	ug/L	50	52.9	106	70-130	
Chloromethane	ug/L	50	45.7	91	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	IK
Dibromochloromethane	ug/L	50	47.4	95	70-130	IK
Dibromomethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	43.1	86	70-130	
Diisopropyl ether	ug/L	50	52.6	105	70-130	
Ethylbenzene	ug/L	50	50.1	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.6	109	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	47.0	94	70-130	
Methylene Chloride	ug/L	50	40.7	81	70-130	
Naphthalene	ug/L	50	53.7	107	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
p-Isopropyltoluene	ug/L	50	54.9	110	70-130	
Styrene	ug/L	50	52.0	104	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	48.9	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Trichloroethene	ug/L	50	57.9	116	70-130	
Trichlorofluoromethane	ug/L	50	41.2	82	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	IK
Vinyl chloride	ug/L	50	45.2	90	70-130	
Xylene (Total)	ug/L	150	151	101	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			92	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3218753 3218754

Parameter	Units	92531049002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	137	170	68	85	73-134	22	30	M1
1,1,1-Trichloroethane	ug/L	ND	200	200	195	239	98	120	82-143	20	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	154	205	77	103	70-136	28	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	169	198	85	99	70-135	15	30	
1,1-Dichloroethane	ug/L	ND	200	200	199	236	100	118	70-139	17	30	
1,1-Dichloroethene	ug/L	ND	200	200	174	222	87	111	70-154	24	30	
1,1-Dichloropropene	ug/L	ND	200	200	176	219	88	109	70-149	22	30	
1,2,3-Trichlorobenzene	ug/L	ND	200	200	191	241	96	121	70-135	23	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	160	212	80	106	71-137	28	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	198	233	99	116	73-140	16	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	188	213	94	107	65-134	13	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	183	213	92	107	70-133	15	30	
1,2-Dichloroethane	ug/L	ND	200	200	178	209	89	105	70-137	16	30	
1,2-Dichloropropane	ug/L	ND	200	200	188	231	94	116	70-140	21	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	184	207	92	104	70-135	12	30	
1,3-Dichloropropane	ug/L	ND	200	200	147	183	74	91	70-143	22	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	180	209	90	105	70-133	15	30	
2,2-Dichloropropane	ug/L	ND	200	200	185	240	93	120	61-148	26	30	
2-Butanone (MEK)	ug/L	ND	400	400	350	443	87	111	60-139	24	30	IK
2-Chlorotoluene	ug/L	ND	200	200	185	214	93	107	70-144	15	30	
2-Hexanone	ug/L	ND	400	400	320	401	80	100	65-138	22	30	
4-Chlorotoluene	ug/L	ND	200	200	171	209	86	104	70-137	20	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	314	368	78	92	65-135	16	30	
Acetone	ug/L	ND	400	400	363	433	91	108	60-148	18	30	
Benzene	ug/L	1780	200	200	1870	1950	46	84	70-151	4	30	M1
Bromobenzene	ug/L	ND	200	200	187	220	94	110	70-136	16	30	
Bromochloromethane	ug/L	ND	200	200	204	249	102	125	70-141	20	30	
Bromodichloromethane	ug/L	ND	200	200	189	224	95	112	70-138	17	30	
Bromoform	ug/L	ND	200	200	135	174	67	87	63-130	25	30	IK
Bromomethane	ug/L	ND	200	200	175	191	87	96	15-152	9	30	
Carbon tetrachloride	ug/L	ND	200	200	200	238	100	119	70-143	17	30	
Chlorobenzene	ug/L	ND	200	200	182	217	91	109	70-138	18	30	
Chloroethane	ug/L	ND	200	200	192	230	96	115	52-163	18	30	
Chloroform	ug/L	ND	200	200	200	235	97	114	70-139	16	30	
Chloromethane	ug/L	ND	200	200	161	189	81	94	41-139	16	30	
cis-1,2-Dichloroethene	ug/L	ND	200	200	188	229	94	115	70-141	20	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	167	204	83	102	70-137	20	30	IK
Dibromochloromethane	ug/L	ND	200	200	146	185	73	92	70-134	24	30	IK
Dibromomethane	ug/L	ND	200	200	179	217	89	109	70-138	19	30	
Dichlorodifluoromethane	ug/L	ND	200	200	151	180	75	90	47-155	17	30	
Diisopropyl ether	ug/L	7.3J	200	200	168	203	80	98	63-144	19	30	
Ethylbenzene	ug/L	99.3	200	200	265	310	83	105	66-153	16	30	
Hexachloro-1,3-butadiene	ug/L	ND	200	200	188	233	94	116	65-149	21	30	
m&p-Xylene	ug/L	20.1	400	400	366	447	86	107	69-152	20	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3218753 3218754

Parameter	Units	92531049002 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	244	200	200	438	492	97	124	54-156	12	30	
Methylene Chloride	ug/L	ND	200	200	155	189	77	94	42-159	20	30	
Naphthalene	ug/L	334	200	200	462	514	64	90	61-148	11	30	
o-Xylene	ug/L	3.8J	200	200	183	219	90	108	70-148	18	30	
p-Isopropyltoluene	ug/L	ND	200	200	187	226	94	113	70-146	19	30	
Styrene	ug/L	ND	200	200	179	222	90	111	70-135	21	30	
Tetrachloroethene	ug/L	ND	200	200	180	223	90	111	59-143	21	30	
Toluene	ug/L	6.7J	200	200	191	226	92	110	59-148	17	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	182	218	91	109	70-146	18	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	167	196	84	98	70-135	16	30	
Trichloroethene	ug/L	ND	200	200	206	256	103	128	70-147	21	30	
Trichlorofluoromethane	ug/L	ND	200	200	168	203	84	102	70-148	19	30	
Vinyl acetate	ug/L	101	400	400	391	449	73	87	49-151	14	30	IK
Vinyl chloride	ug/L	ND	200	200	185	220	92	110	70-156	18	30	
Xylene (Total)	ug/L	24.0	600	600	549	666	88	107	63-158	19	30	
1,2-Dichloroethane-d4 (S)	%						108	101	70-130			
4-Bromofluorobenzene (S)	%						96	97	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611477
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3219022
Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/05/21 16:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/05/21 16:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/05/21 16:27	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/05/21 16:27	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/05/21 16:27	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/05/21 16:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/05/21 16:27	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/05/21 16:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/05/21 16:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/05/21 16:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/05/21 16:27	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/05/21 16:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/05/21 16:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/05/21 16:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/05/21 16:27	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/05/21 16:27	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
2-Hexanone	ug/kg	ND	50.0	4.8	04/05/21 16:27	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/05/21 16:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/05/21 16:27	
Acetone	ug/kg	ND	100	32.1	04/05/21 16:27	
Benzene	ug/kg	ND	5.0	2.0	04/05/21 16:27	
Bromobenzene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/05/21 16:27	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Bromoform	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Bromomethane	ug/kg	ND	10.0	7.9	04/05/21 16:27	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/05/21 16:27	
Chloroethane	ug/kg	ND	10.0	3.9	04/05/21 16:27	
Chloroform	ug/kg	ND	5.0	3.0	04/05/21 16:27	
Chloromethane	ug/kg	ND	10.0	4.2	04/05/21 16:27	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/05/21 16:27	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3219022 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/05/21 16:27	
Dibromomethane	ug/kg	ND	5.0	1.1	04/05/21 16:27	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/05/21 16:27	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/05/21 16:27	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/05/21 16:27	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/05/21 16:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/05/21 16:27	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/05/21 16:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/05/21 16:27	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/05/21 16:27	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Naphthalene	ug/kg	ND	5.0	2.6	04/05/21 16:27	
o-Xylene	ug/kg	ND	5.0	2.2	04/05/21 16:27	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/05/21 16:27	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/05/21 16:27	
Styrene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
Toluene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/05/21 16:27	
Trichloroethene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/05/21 16:27	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/05/21 16:27	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/05/21 16:27	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/05/21 16:27	
1,2-Dichloroethane-d4 (S)	%	107	70-130		04/05/21 16:27	
4-Bromofluorobenzene (S)	%	106	69-134		04/05/21 16:27	
Toluene-d8 (S)	%	100	70-130		04/05/21 16:27	

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1190	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1250	100	70-130	
1,1-Dichloroethene	ug/kg	1250	1290	103	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1160	93	65-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1210	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1160	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1250	100	63-130	
1,2-Dichloropropane	ug/kg	1250	1270	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1170	94	66-130	
2-Butanone (MEK)	ug/kg	2500	2790	112	70-130	
2-Chlorotoluene	ug/kg	1250	1250	100	70-130	
2-Hexanone	ug/kg	2500	2740	110	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2700	108	70-130	
Acetone	ug/kg	2500	2680	107	69-130	
Benzene	ug/kg	1250	1240	100	70-130	
Bromobenzene	ug/kg	1250	1170	93	70-130	
Bromochloromethane	ug/kg	1250	1230	99	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1040	83	52-130	
Carbon tetrachloride	ug/kg	1250	1180	94	70-130	
Chlorobenzene	ug/kg	1250	1170	93	70-130	
Chloroethane	ug/kg	1250	1150	92	65-130	
Chloroform	ug/kg	1250	1120	89	70-130	
Chloromethane	ug/kg	1250	1180	94	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1270	101	70-130	
Dibromomethane	ug/kg	1250	1180	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1300	104	45-156	
Diisopropyl ether	ug/kg	1250	1270	102	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	94	70-130	
m&p-Xylene	ug/kg	2500	2410	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1220	97	70-130	
Methylene Chloride	ug/kg	1250	1310	105	65-130	
n-Butylbenzene	ug/kg	1250	1170	94	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1190	95	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1250	100	70-130	
tert-Butylbenzene	ug/kg	1250	1130	91	67-130	
Tetrachloroethene	ug/kg	1250	1110	88	70-130	
Toluene	ug/kg	1250	1190	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	99	68-130	
Trichloroethene	ug/kg	1250	1160	93	70-130	
Trichlorofluoromethane	ug/kg	1250	1100	88	70-130	
Vinyl acetate	ug/kg	2500	2980	119	70-130	
Vinyl chloride	ug/kg	1250	1120	90	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			107	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3219025

Parameter	Units	92531093014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	719	775	108	70-131	
1,1,1-Trichloroethane	ug/kg	ND	719	830	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	719	742	103	66-130	
1,1,2-Trichloroethane	ug/kg	ND	719	789	110	66-133	
1,1-Dichloroethane	ug/kg	ND	719	814	113	65-130	
1,1-Dichloroethene	ug/kg	ND	719	838	116	10-158	
1,1-Dichloropropene	ug/kg	ND	719	876	122	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	719	821	114	27-138	
1,2,3-Trichloropropane	ug/kg	ND	719	755	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	719	828	115	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	719	803	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	719	741	103	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	719	799	111	70-130	
1,2-Dichlorobenzene	ug/kg	ND	719	845	117	69-130	
1,2-Dichloroethane	ug/kg	ND	719	740	103	59-130	
1,2-Dichloropropane	ug/kg	ND	719	761	106	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	719	831	115	65-137	
1,3-Dichlorobenzene	ug/kg	ND	719	841	117	70-130	
1,3-Dichloropropane	ug/kg	ND	719	771	107	70-130	
1,4-Dichlorobenzene	ug/kg	ND	719	813	113	68-130	
2,2-Dichloropropane	ug/kg	ND	719	735	102	32-130	
2-Butanone (MEK)	ug/kg	ND	1440	1330	92	10-136	
2-Chlorotoluene	ug/kg	ND	719	831	115	69-141	
2-Hexanone	ug/kg	ND	1440	1350	94	10-144	
4-Chlorotoluene	ug/kg	ND	719	829	115	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1440	1360	94	25-143	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE SAMPLE: 3219025

Parameter	Units	92531093014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	ND	1440	1070	74	10-130	
Benzene	ug/kg	ND	719	771	107	67-130	
Bromobenzene	ug/kg	ND	719	759	105	70-130	
Bromochloromethane	ug/kg	ND	719	796	111	69-134	
Bromodichloromethane	ug/kg	ND	719	697	97	64-130	
Bromoform	ug/kg	ND	719	729	101	62-130	
Bromomethane	ug/kg	ND	719	491	68	20-176	IK
Carbon tetrachloride	ug/kg	ND	719	828	115	65-140	
Chlorobenzene	ug/kg	ND	719	815	113	70-130	
Chloroethane	ug/kg	ND	719	236	33	10-130	
Chloroform	ug/kg	ND	719	778	108	63-130	
Chloromethane	ug/kg	ND	719	795	110	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	719	769	107	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	719	759	105	67-130	
Dibromochloromethane	ug/kg	ND	719	774	107	67-130	
Dibromomethane	ug/kg	ND	719	743	103	63-131	
Dichlorodifluoromethane	ug/kg	ND	719	937	130	44-180	
Diisopropyl ether	ug/kg	ND	719	742	103	63-130	
Ethylbenzene	ug/kg	ND	719	778	108	66-130	IK
Hexachloro-1,3-butadiene	ug/kg	ND	719	865	120	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	719	894	124	69-135	
m&p-Xylene	ug/kg	ND	1440	1660	115	60-133	
Methyl-tert-butyl ether	ug/kg	ND	719	777	108	65-130	
Methylene Chloride	ug/kg	ND	719	793	110	61-130	
n-Butylbenzene	ug/kg	ND	719	820	114	65-140	
n-Propylbenzene	ug/kg	ND	719	847	118	67-140	
Naphthalene	ug/kg	13.1	719	835	114	15-145	
o-Xylene	ug/kg	ND	719	775	108	66-133	
p-Isopropyltoluene	ug/kg	ND	719	878	122	56-147	
sec-Butylbenzene	ug/kg	ND	719	844	117	65-139	
Styrene	ug/kg	ND	719	859	119	70-132	
tert-Butylbenzene	ug/kg	ND	719	613	85	62-135	
Tetrachloroethene	ug/kg	ND	719	817	114	70-135	
Toluene	ug/kg	ND	719	819	114	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	719	838	116	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	719	736	102	62-130	
Trichloroethene	ug/kg	ND	719	822	114	70-135	
Trichlorofluoromethane	ug/kg	ND	719	348	48	10-130	
Vinyl acetate	ug/kg	ND	1440	1540	107	53-130	
Vinyl chloride	ug/kg	ND	719	794	110	61-148	
Xylene (Total)	ug/kg	ND	2160	2440	113	63-132	
1,2-Dichloroethane-d4 (S)	%				120	70-130	
4-Bromofluorobenzene (S)	%				102	69-134	
Toluene-d8 (S)	%				98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

SAMPLE DUPLICATE: 3219024

Parameter	Units	92531093013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	17.2	16.7	3	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	5.7J	6.4J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	119J	94.3J		30	
Benzene	ug/kg	7.2J	6.7J		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	10.6J	10.6J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

SAMPLE DUPLICATE: 3219024

Parameter	Units	92531093013 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	36.3	35.9	1	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	140	136	3	30	
o-Xylene	ug/kg	18.8	20.0	6	30	
p-Isopropyltoluene	ug/kg	7.7J	6.7J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	28.3	29.1	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	55.1	55.9	1	30	
1,2-Dichloroethane-d4 (S)	%	110	110			
4-Bromofluorobenzene (S)	%	107	107			
Toluene-d8 (S)	%	102	102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611971 | Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 | Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221183 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/07/21 21:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/07/21 21:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/07/21 21:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/07/21 21:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/07/21 21:36	
Decachlorobiphenyl (S)	%	69	10-160		04/07/21 21:36	

LABORATORY CONTROL SAMPLE: 3221184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	134	79	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	132	78	47-139	
Decachlorobiphenyl (S)	%			68	10-160	

MATRIX SPIKE SAMPLE: 3221185

Parameter	Units	92531093001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	277	221	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	277	195	70	10-142	
Decachlorobiphenyl (S)	%				66	10-160	

SAMPLE DUPLICATE: 3221186

Parameter	Units	92531093002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	68	70			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611696
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093016

METHOD BLANK: 3219928 Matrix: Water
Associated Lab Samples: 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/07/21 08:32	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/07/21 08:32	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/07/21 08:32	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/07/21 08:32	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/07/21 08:32	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/07/21 08:32	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/07/21 08:32	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/07/21 08:32	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/07/21 08:32	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/07/21 08:32	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/07/21 08:32	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/07/21 08:32	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/07/21 08:32	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/07/21 08:32	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/07/21 08:32	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/07/21 08:32	
Acenaphthene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Acenaphthylene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Aniline	ug/L	ND	10.0	1.6	04/07/21 08:32	
Anthracene	ug/L	ND	10.0	2.3	04/07/21 08:32	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/07/21 08:32	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/07/21 08:32	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzoic Acid	ug/L	ND	50.0	3.4	04/07/21 08:32	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/07/21 08:32	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/07/21 08:32	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/07/21 08:32	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/07/21 08:32	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/07/21 08:32	
Chrysene	ug/L	ND	10.0	2.8	04/07/21 08:32	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3219928 Matrix: Water
Associated Lab Samples: 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/07/21 08:32	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/07/21 08:32	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/07/21 08:32	
Dibenzofuran	ug/L	ND	10.0	2.1	04/07/21 08:32	
Diethylphthalate	ug/L	ND	10.0	2.0	04/07/21 08:32	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/07/21 08:32	
Fluoranthene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Fluorene	ug/L	ND	10.0	2.1	04/07/21 08:32	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/07/21 08:32	
Hexachloroethane	ug/L	ND	10.0	1.4	04/07/21 08:32	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/07/21 08:32	
Isophorone	ug/L	ND	10.0	1.7	04/07/21 08:32	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/07/21 08:32	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/07/21 08:32	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/07/21 08:32	
Nitrobenzene	ug/L	ND	10.0	1.9	04/07/21 08:32	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/07/21 08:32	
Phenanthrene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Phenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
Pyrene	ug/L	ND	10.0	2.2	04/07/21 08:32	
2,4,6-Tribromophenol (S)	%	85	10-144		04/07/21 08:32	
2-Fluorobiphenyl (S)	%	58	10-130		04/07/21 08:32	
2-Fluorophenol (S)	%	51	10-130		04/07/21 08:32	
Nitrobenzene-d5 (S)	%	69	10-144		04/07/21 08:32	
Phenol-d6 (S)	%	39	10-130		04/07/21 08:32	
Terphenyl-d14 (S)	%	141	34-163		04/07/21 08:32	

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	53.8	108	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	53.5	107	28-130	
2,4,5-Trichlorophenol	ug/L	50	59.3	119	35-130	
2,4,6-Trichlorophenol	ug/L	50	59.5	119	31-130	
2,4-Dichlorophenol	ug/L	50	56.1	112	35-130	
2,4-Dimethylphenol	ug/L	50	57.9	116	34-130	
2,4-Dinitrophenol	ug/L	250	260	104	10-153	
2,4-Dinitrotoluene	ug/L	50	56.7	113	37-136	
2,6-Dinitrotoluene	ug/L	50	61.1	122	33-136	
2-Chloronaphthalene	ug/L	50	54.6	109	26-130	
2-Chlorophenol	ug/L	50	51.5	103	37-130	
2-Methylnaphthalene	ug/L	50	53.5	107	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	49.6	99	35-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	111	111	37-130	
2-Nitrophenol	ug/L	50	66.0	132	32-130	L1
3&4-Methylphenol(m&p Cresol)	ug/L	50	46.6	93	34-130	
3,3'-Dichlorobenzidine	ug/L	100	121	121	34-136	
3-Nitroaniline	ug/L	100	105	105	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	21-157	
4-Bromophenylphenyl ether	ug/L	50	60.8	122	38-130	
4-Chloro-3-methylphenol	ug/L	100	110	110	37-130	
4-Chloroaniline	ug/L	100	95.9	96	38-130	
4-Chlorophenylphenyl ether	ug/L	50	54.2	108	33-130	
4-Nitroaniline	ug/L	100	115	115	42-137	
4-Nitrophenol	ug/L	250	163	65	10-130	
Acenaphthene	ug/L	50	56.2	112	33-130	
Acenaphthylene	ug/L	50	57.4	115	35-130	
Aniline	ug/L	50	39.2	78	22-130	
Anthracene	ug/L	50	60.6	121	48-130	
Benzo(a)anthracene	ug/L	50	62.7	125	48-137	
Benzo(b)fluoranthene	ug/L	50	59.5	119	52-138	
Benzo(g,h,i)perylene	ug/L	50	56.2	112	48-140	
Benzo(k)fluoranthene	ug/L	50	59.4	119	48-139	
Benzoic Acid	ug/L	250	164	65	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	54.4	109	34-130	
bis(2-Chloroethyl) ether	ug/L	50	63.0	126	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.0	132	32-165	
Butylbenzylphthalate	ug/L	50	56.8	114	34-161	
Chrysene	ug/L	50	59.3	119	47-131	
Di-n-butylphthalate	ug/L	50	67.1	134	39-144	
Di-n-octylphthalate	ug/L	50	58.9	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.0	116	49-138	
Dibenzofuran	ug/L	50	56.5	113	33-130	
Diethylphthalate	ug/L	50	56.3	113	38-131	
Dimethylphthalate	ug/L	50	54.2	108	37-130	
Fluoranthene	ug/L	50	60.3	121	46-137	
Fluorene	ug/L	50	56.7	113	37-130	
Hexachlorobenzene	ug/L	50	57.1	114	38-130	
Hexachlorocyclopentadiene	ug/L	50	41.4	83	10-130	
Hexachloroethane	ug/L	50	45.2	90	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.7	117	41-130	
Isophorone	ug/L	50	54.8	110	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	55.8	112	36-130	
N-Nitrosodimethylamine	ug/L	50	47.0	94	34-130	
N-Nitrosodiphenylamine	ug/L	50	57.5	115	37-130	
Nitrobenzene	ug/L	50	59.9	120	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	59.0	118	44-130	
Phenol	ug/L	50	33.5	67	18-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	60.4	121	47-134	
2,4,6-Tribromophenol (S)	%			139	10-144	
2-Fluorobiphenyl (S)	%			106	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			116	10-144	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			139	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219930 3219931

Parameter	Units	92528912007 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	47.9	39.7	96	79	10-130	19	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	46.6	40.6	93	81	12-142	14	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	61.9	52.8	124	106	10-143	16	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	56.9	50.4	114	101	10-147	12	30	
2,4-Dichlorophenol	ug/L	ND	50	50	52.5	46.6	105	93	10-138	12	30	
2,4-Dimethylphenol	ug/L	ND	50	50	53.7	47.1	107	94	25-130	13	30	
2,4-Dinitrophenol	ug/L	ND	250	250	90.8	154	36	62	10-165	52	30	R1
2,4-Dinitrotoluene	ug/L	ND	50	50	58.3	49.9	117	100	29-148	15	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	63.5	54.0	127	108	26-146	16	30	
2-Chloronaphthalene	ug/L	ND	50	50	51.4	44.3	103	89	11-130	15	30	
2-Chlorophenol	ug/L	ND	50	50	48.7	41.0	97	82	10-133	17	30	
2-Methylnaphthalene	ug/L	ND	50	50	46.4	38.7	93	77	13-130	18	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	48.6	40.0	97	80	20-130	19	30	
2-Nitroaniline	ug/L	ND	100	100	117	98.5	117	98	24-136	17	30	
2-Nitrophenol	ug/L	ND	50	50	61.1	53.2	122	106	10-153	14	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	51.9	42.0	104	84	16-130	21	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	147	121	147	121	10-153	19	30	
3-Nitroaniline	ug/L	ND	100	100	114	97.1	114	97	22-151	16	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	96.5	100	96	100	10-180	4	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	62.4	52.1	125	104	25-130	18	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	113	97.0	113	97	25-133	15	30	
4-Chloroaniline	ug/L	ND	100	100	79.7	78.8	80	79	14-132	1	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	56.2	47.5	112	95	19-130	17	30	
4-Nitroaniline	ug/L	ND	100	100	128	105	128	105	29-150	20	30	
4-Nitrophenol	ug/L	ND	250	250	137	145	55	58	10-130	5	30	
Acenaphthene	ug/L	ND	50	50	55.6	48.2	111	96	16-130	14	30	
Acenaphthylene	ug/L	ND	50	50	57.2	49.2	114	98	15-137	15	30	
Aniline	ug/L	ND	50	50	32.2	28.8	64	58	10-130	11	30	
Anthracene	ug/L	ND	50	50	62.4	52.0	125	104	37-136	18	30	
Benzo(a)anthracene	ug/L	ND	50	50	68.0	58.0	136	116	40-145	16	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	71.3	57.6	143	115	39-151	21	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	66.3	52.4	133	105	40-147	23	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219930 3219931

Parameter	Units	92528912007 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	68.1	53.4	136	107	40-146	24	30	
Benzoic Acid	ug/L	ND	250	250	23.9J	32.0J	10	13	10-130		30	
Benzyl alcohol	ug/L	ND	100	100	102	88.2	102	88	25-130	14	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.8	45.0	102	90	23-130	12	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.6	53.2	117	106	25-130	10	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	63.9	54.1	123	104	28-166	17	30	
Butylbenzylphthalate	ug/L	ND	50	50	66.9	56.3	134	113	33-165	17	30	
Chrysene	ug/L	ND	50	50	63.8	54.0	128	108	38-141	17	30	
Di-n-butylphthalate	ug/L	ND	50	50	65.7	53.3	131	107	32-153	21	30	
Di-n-octylphthalate	ug/L	ND	50	50	64.3	53.5	129	107	30-175	18	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.5	53.3	135	107	39-148	24	30	
Dibenzofuran	ug/L	ND	50	50	57.0	49.1	114	98	20-130	15	30	
Diethylphthalate	ug/L	ND	50	50	58.8	49.5	118	99	28-142	17	30	
Dimethylphthalate	ug/L	ND	50	50	55.8	47.9	112	96	26-136	15	30	
Fluoranthene	ug/L	ND	50	50	62.6	51.7	125	103	39-143	19	30	
Fluorene	ug/L	ND	50	50	58.5	49.8	117	100	24-132	16	30	
Hexachlorobenzene	ug/L	ND	50	50	58.1	49.6	116	99	29-130	16	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	37.0	28.0	74	56	10-130	28	30	
Hexachloroethane	ug/L	ND	50	50	23.7	18.4	47	37	10-130	25	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	69.0	54.4	138	109	39-148	24	30	
Isophorone	ug/L	ND	50	50	50.5	45.2	101	90	23-130	11	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	56.0	47.6	112	95	25-130	16	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	46.7	38.7	93	77	22-130	19	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	59.2	49.4	118	99	26-134	18	30	
Nitrobenzene	ug/L	ND	50	50	53.7	48.5	107	97	25-130	10	30	
Pentachlorophenol	ug/L	ND	100	100	101	89.8	101	90	10-175	12	30	
Phenanthrene	ug/L	ND	50	50	60.1	49.5	120	99	36-133	19	30	
Phenol	ug/L	ND	50	50	35.1	28.7	70	57	10-130	20	30	
Pyrene	ug/L	ND	50	50	63.8	53.5	128	107	40-143	18	30	
2,4,6-Tribromophenol (S)	%						139	113	10-144			
2-Fluorobiphenyl (S)	%						89	76	10-130			
2-Fluorophenol (S)	%						74	62	10-130			
Nitrobenzene-d5 (S)	%						103	92	10-144			
Phenol-d6 (S)	%						66	52	10-130			
Terphenyl-d14 (S)	%						144	121	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611973
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221187 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/08/21 06:31	
2-Fluorobiphenyl (S)	%	91	31-130		04/08/21 06:31	
Nitrobenzene-d5 (S)	%	102	32-130		04/08/21 06:31	
Terphenyl-d14 (S)	%	117	24-130		04/08/21 06:31	

LABORATORY CONTROL SAMPLE: 3221188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	23.9	71	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			123	32-130	
Terphenyl-d14 (S)	%			133	24-130	S0

MATRIX SPIKE SAMPLE: 3221189

Parameter	Units	92531524001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	5.9J	59.5	55.8	84	10-130	
2-Fluorobiphenyl (S)	%				74	31-130	
Nitrobenzene-d5 (S)	%				87	32-130	
Terphenyl-d14 (S)	%				101	24-130	

SAMPLE DUPLICATE: 3221190

Parameter	Units	92531524002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	15.2	11.6J		30	
2-Fluorobiphenyl (S)	%	40	44			
Nitrobenzene-d5 (S)	%	75	78			
Terphenyl-d14 (S)	%	63	73			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611949
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221114
Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/07/21 14:36	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/07/21 14:36	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/07/21 14:36	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/07/21 14:36	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/07/21 14:36	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/07/21 14:36	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/07/21 14:36	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/07/21 14:36	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/07/21 14:36	
2-Chloronaphthalene	ug/kg	ND	326	129	04/07/21 14:36	
2-Chlorophenol	ug/kg	ND	326	122	04/07/21 14:36	
2-Methylnaphthalene	ug/kg	ND	326	130	04/07/21 14:36	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/07/21 14:36	
2-Nitroaniline	ug/kg	ND	1630	266	04/07/21 14:36	
2-Nitrophenol	ug/kg	ND	326	141	04/07/21 14:36	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/07/21 14:36	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/07/21 14:36	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/07/21 14:36	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/07/21 14:36	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/07/21 14:36	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/07/21 14:36	
4-Chloroaniline	ug/kg	ND	651	256	04/07/21 14:36	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/07/21 14:36	
4-Nitroaniline	ug/kg	ND	651	248	04/07/21 14:36	
4-Nitrophenol	ug/kg	ND	1630	630	04/07/21 14:36	
Acenaphthene	ug/kg	ND	326	114	04/07/21 14:36	
Acenaphthylene	ug/kg	ND	326	114	04/07/21 14:36	
Aniline	ug/kg	ND	326	127	04/07/21 14:36	
Anthracene	ug/kg	ND	326	107	04/07/21 14:36	
Benzo(a)anthracene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/07/21 14:36	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/07/21 14:36	
Benzoic Acid	ug/kg	ND	1630	700	04/07/21 14:36	
Benzyl alcohol	ug/kg	ND	651	247	04/07/21 14:36	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/07/21 14:36	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/07/21 14:36	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/07/21 14:36	
Butylbenzylphthalate	ug/kg	ND	326	137	04/07/21 14:36	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3221114 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/07/21 14:36	
Di-n-butylphthalate	ug/kg	ND	326	110	04/07/21 14:36	
Di-n-octylphthalate	ug/kg	ND	326	128	04/07/21 14:36	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/07/21 14:36	
Dibenzofuran	ug/kg	ND	326	117	04/07/21 14:36	
Diethylphthalate	ug/kg	ND	326	119	04/07/21 14:36	
Dimethylphthalate	ug/kg	ND	326	118	04/07/21 14:36	
Fluoranthene	ug/kg	ND	326	112	04/07/21 14:36	
Fluorene	ug/kg	ND	326	114	04/07/21 14:36	
Hexachlorobenzene	ug/kg	ND	326	127	04/07/21 14:36	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/07/21 14:36	
Hexachloroethane	ug/kg	ND	326	124	04/07/21 14:36	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/07/21 14:36	
Isophorone	ug/kg	ND	326	145	04/07/21 14:36	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/07/21 14:36	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/07/21 14:36	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/07/21 14:36	
Nitrobenzene	ug/kg	ND	326	151	04/07/21 14:36	
Pentachlorophenol	ug/kg	ND	651	319	04/07/21 14:36	
Phenanthrene	ug/kg	ND	326	107	04/07/21 14:36	
Phenol	ug/kg	ND	326	145	04/07/21 14:36	
Pyrene	ug/kg	ND	326	132	04/07/21 14:36	
Pyridine	ug/kg	ND	326	103	04/07/21 14:36	
2,4,6-Tribromophenol (S)	%	89	18-130		04/07/21 14:36	
2-Fluorobiphenyl (S)	%	77	19-130		04/07/21 14:36	
2-Fluorophenol (S)	%	73	18-130		04/07/21 14:36	
Nitrobenzene-d5 (S)	%	79	21-130		04/07/21 14:36	
Phenol-d6 (S)	%	79	18-130		04/07/21 14:36	
Terphenyl-d14 (S)	%	104	15-130		04/07/21 14:36	

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1650	1360	82	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1650	1280	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1650	1360	82	49-130	
2,4,6-Trichlorophenol	ug/kg	1650	1400	85	50-130	
2,4-Dichlorophenol	ug/kg	1650	1380	84	51-130	
2,4-Dimethylphenol	ug/kg	1650	1490	90	53-130	
2,4-Dinitrophenol	ug/kg	8250	6160	75	39-130	
2,4-Dinitrotoluene	ug/kg	1650	1420	86	53-130	
2,6-Dinitrotoluene	ug/kg	1650	1450	88	55-130	
2-Chloronaphthalene	ug/kg	1650	1370	83	48-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1650	1360	82	54-130	
2-Methylnaphthalene	ug/kg	1650	1330	80	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1650	1450	88	50-130	
2-Nitroaniline	ug/kg	3300	2580	78	49-130	
2-Nitrophenol	ug/kg	1650	1440	87	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1420	86	50-130	
3,3'-Dichlorobenzidine	ug/kg	3300	2360	72	47-130	IL
3-Nitroaniline	ug/kg	3300	2300	70	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3300	2780	84	50-142	
4-Bromophenylphenyl ether	ug/kg	1650	1440	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3300	2810	85	52-130	
4-Chloroaniline	ug/kg	3300	2530	77	49-130	
4-Chlorophenylphenyl ether	ug/kg	1650	1490	90	53-130	
4-Nitroaniline	ug/kg	3300	2540	77	51-130	
4-Nitrophenol	ug/kg	8250	7240	88	40-130	
Acenaphthene	ug/kg	1650	1390	84	56-130	
Acenaphthylene	ug/kg	1650	1380	84	58-130	
Aniline	ug/kg	1650	1250	76	44-130	
Anthracene	ug/kg	1650	1440	87	60-130	
Benzo(a)anthracene	ug/kg	1650	1500	91	59-130	
Benzo(b)fluoranthene	ug/kg	1650	1540	93	54-130	
Benzo(g,h,i)perylene	ug/kg	1650	1460	89	59-130	
Benzo(k)fluoranthene	ug/kg	1650	1550	94	54-130	
Benzoic Acid	ug/kg	8250	5530	67	19-130	
Benzyl alcohol	ug/kg	3300	2850	86	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1650	1370	83	55-130	
bis(2-Chloroethyl) ether	ug/kg	1650	1440	87	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1370	83	58-130	
Butylbenzylphthalate	ug/kg	1650	1360	82	46-138	
Chrysene	ug/kg	1650	1500	91	57-130	
Di-n-butylphthalate	ug/kg	1650	1400	85	57-130	
Di-n-octylphthalate	ug/kg	1650	1370	83	57-130	
Dibenz(a,h)anthracene	ug/kg	1650	1480	90	60-130	
Dibenzofuran	ug/kg	1650	1450	88	54-130	
Diethylphthalate	ug/kg	1650	1430	87	55-130	
Dimethylphthalate	ug/kg	1650	1400	85	57-130	
Fluoranthene	ug/kg	1650	1500	91	57-130	
Fluorene	ug/kg	1650	1430	87	56-130	
Hexachlorobenzene	ug/kg	1650	1460	88	53-130	
Hexachlorocyclopentadiene	ug/kg	1650	1140	69	23-130	
Hexachloroethane	ug/kg	1650	1440	87	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1500	91	61-130	
Isophorone	ug/kg	1650	1280	77	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1650	1480	89	52-130	
N-Nitrosodimethylamine	ug/kg	1650	1350	82	45-130	
N-Nitrosodiphenylamine	ug/kg	1650	1410	85	56-130	
Nitrobenzene	ug/kg	1650	1430	87	50-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3300	2730	83	33-130	
Phenanthrene	ug/kg	1650	1470	89	60-130	
Phenol	ug/kg	1650	1530	93	54-130	
Pyrene	ug/kg	1650	1480	90	61-130	
Pyridine	ug/kg	1650	1000	61	35-130	
2,4,6-Tribromophenol (S)	%			94	18-130	
2-Fluorobiphenyl (S)	%			79	19-130	
2-Fluorophenol (S)	%			84	18-130	
Nitrobenzene-d5 (S)	%			83	21-130	
Phenol-d6 (S)	%			84	18-130	
Terphenyl-d14 (S)	%			103	15-130	

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	57	61			
2-Fluorobiphenyl (S)	%	39	43			
2-Fluorophenol (S)	%	53	58			
Nitrobenzene-d5 (S)	%	57	64			
Phenol-d6 (S)	%	55	60			
Terphenyl-d14 (S)	%	43	60			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611442
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005

SAMPLE DUPLICATE: 3218934

Parameter	Units	92531017001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.7	19.1	8	25	N2

SAMPLE DUPLICATE: 3218935

Parameter	Units	92531079010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.1	22.1	0	25	N2

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611446
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

SAMPLE DUPLICATE: 3218936

Parameter	Units	92531056001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	15.9	11	25	N2

SAMPLE DUPLICATE: 3218937

Parameter	Units	92531099004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	10.9	5	25	N2

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531093001	**DA4-SB-1 (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093002	**DA4-SB-1 (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093003	**DA4-SB-1A (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093004	**DA4-SB-1A (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093005	**DA4-SB-1B (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093006	**DA4-SB-1B (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093007	**DA4-SB-2 (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093008	**DA4-SB-2 (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093009	**DA4-SB-3 (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093010	**DA4-SB-3 (4-5)**	EPA 3546	611971	EPA 8082A	612281
92531093011	**DA4-SB-3A (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093012	**DA4-SB-3A (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093013	**DA4-SB-3B (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093014	**DA4-SB-3B (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093016	**EB-2**	EPA 3510C	611696	EPA 8270E	612101
92531093001	**DA4-SB-1 (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093002	**DA4-SB-1 (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093003	**DA4-SB-1A (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093004	**DA4-SB-1A (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093005	**DA4-SB-1B (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093006	**DA4-SB-1B (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093007	**DA4-SB-2 (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093008	**DA4-SB-2 (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093009	**DA4-SB-3 (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093010	**DA4-SB-3 (4-5)**	EPA 3546	611973	EPA 8270E	612273
92531093011	**DA4-SB-3A (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093012	**DA4-SB-3A (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093013	**DA4-SB-3B (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093014	**DA4-SB-3B (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093001	**DA4-SB-1 (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093002	**DA4-SB-1 (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093003	**DA4-SB-1A (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093004	**DA4-SB-1A (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093005	**DA4-SB-1B (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093006	**DA4-SB-1B (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093007	**DA4-SB-2 (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093008	**DA4-SB-2 (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093009	**DA4-SB-3 (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093010	**DA4-SB-3 (4-5)**	EPA 3546	611949	EPA 8270E	612277
92531093011	**DA4-SB-3A (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093012	**DA4-SB-3A (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093013	**DA4-SB-3B (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093014	**DA4-SB-3B (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093015	**TRIP BLANK**	EPA 8260D	611379		
92531093016	**EB-2**	EPA 8260D	611379		
92531093001	**DA4-SB-1 (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531093002	**DA4-SB-1 (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093003	**DA4-SB-1A (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093004	**DA4-SB-1A (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093005	**DA4-SB-1B (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093006	**DA4-SB-1B (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093007	**DA4-SB-2 (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093008	**DA4-SB-2 (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093009	**DA4-SB-3 (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093010	**DA4-SB-3 (4-5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093011	**DA4-SB-3A (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093012	**DA4-SB-3A (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093013	**DA4-SB-3B (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093014	**DA4-SB-3B (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093001	**DA4-SB-1 (0-0.6)**	SW-846	611442		
92531093002	**DA4-SB-1 (2-2.5)**	SW-846	611442		
92531093003	**DA4-SB-1A (0-0.6)**	SW-846	611442		
92531093004	**DA4-SB-1A (2-2.5)**	SW-846	611442		
92531093005	**DA4-SB-1B (0-0.6)**	SW-846	611442		
92531093006	**DA4-SB-1B (2-2.5)**	SW-846	611446		
92531093007	**DA4-SB-2 (0-0.6)**	SW-846	611446		
92531093008	**DA4-SB-2 (2-2.5)**	SW-846	611446		
92531093009	**DA4-SB-3 (0-0.6)**	SW-846	611446		
92531093010	**DA4-SB-3 (4-5)**	SW-846	611446		
92531093011	**DA4-SB-3A (0-0.6)**	SW-846	611446		
92531093012	**DA4-SB-3A (2-2.5)**	SW-846	611446		
92531093013	**DA4-SB-3B (0-0.6)**	SW-846	611446		
92531093014	**DA4-SB-3B (2-2.5)**	SW-846	611446		

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

Sample Condition Upon Receipt

Client Name: Syntera

Project #:

WO# : 92531093

92531093

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

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

Date/Initials Person Examining Contents: 4-5-21 LL

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

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

Thermometer: ☐ IR Gun ID: 92064 ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 0.9, 2.4 **Correction Factor:** Add/Subtract (°C) 0.0°C

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

Cooler Temp Corrected (°C): 0.9, 2.4

USDA Regulated Soil (☒ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☒ Yes ☐ No 4-5-21

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

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

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

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

Project # **WO#: 92531093**

PM: KLH1 Due Date: 04/09/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project #

WO#: 92531093

PM: KLH1 Due Date: 04/09/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	
Company: Synterra	Report To: Tom King	Attention:	
Address: 148 River Street	Copy To: Heather Smith	Company Name:	Regulatory Agency
Suite 220, Greenville, SC 29601		Address:	
Email To: tking@synterracorp.com	Purchase Order #:	Pace Quote:	
Phone: Fax	Project Name: Former Bramlette MGP	Pace Project Manager: Kevin Herring	State / Location
Requested Due Date: Standard TAT	Project Number: 00.2731.00.04	Pace Profile #: 7754	SC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270 & 8270 LV	8082	Trip Blank	Residual Chlorine (Y/N)
1	DA4-SB-1_SE_0-0.6_20210401	SL	C	4/1/2021	0900	--	--		5							X			X	X	X		
2	DA4-SB-1_SE_2-2.5_20210401	SL	C	4/1/2021	0920	--	--		5							X			X	X	X		
3	DA4-SB-1A_SE_0-0.6_20210401	SL	C	4/1/2021	1030	--	--		5							X			X	X	X		
4	DA4-SB-1A_SE_2-2.5_20210401	SL	C	4/1/2021	1045	--	--		5							X			X	X	X		
5	DA4-SB-1B_SE_0-0.6_20210401	SL	C	4/1/2021	0940	--	--		5							X			X	X	X		
6	DA4-SB-1B_SE_2-2.5_20210401	SL	C	4/1/2021	1000	--	--		5							X			X	X	X		
7	DA4-SB-2_SE_0-0.6_20210401	SL	C	4/1/2021	1115	--	--		5							X			X	X	X		
8	DA4-SB-2_SE_2-2.5_20210401	SL	C	4/1/2021	1130	--	--		5							X			X	X	X		
9	DA4-SB-3_SE_0-0.6_20210401	SL	C	4/1/2021	1315	--	--		5							X			X	X	X		
10	DA4-SB-3_SE_4-5_20210401	SL	C	4/1/2021	1330	--	--		5							X			X	X	X		
11	DA4-SB-3A_SE_0-0.6_20210401	SL	C	4/1/2021	1420	--	--		5							X			X	X	X		
12	DA4-SB-3A_SE_2-2.5_20210401	SL	C	4/1/2021	1440	--	--		5							X			X	X	X		

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
*Ca, Mg, Fe, Mn + Hardness	[signature]	4-2-21	940	[signature] / PACE	4-2-21	0940	0.9	Y	N	Y
	[signature] / PACE	4-2-21	1205	A. Rucker / PACE / AVL	4-2-21	1205	2.4	Y	N	Y
	A. Rucker / PACE / AVL	4-2-21	1830	[signature] PACE HVL	4-5-21	8:00				

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	
SIGNATURE of SAMPLER:	DATE Signed:

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River Street	Copy To:	Heather Smith	Company Name:	
Suite 220, Greenville, SC 29601				Address:	Regulatory Agency
Email To:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	Fax:	Project Name:	Former Bramlette MGP	Pace Project Manager:	Kevin Herring
Requested Due Date:	STANDARD TAT	Project Number:	00.2731.00.04	Pace Profile #:	7754

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8082	TIRP BLANK	Residual Chlorine (Y/N)
1	DA4-SB-3B_SE_0-0.6_20210401	SL	C	4/1/2021	1345	--	--		5							X			X	X	X		
2	DA4-SB-3B_SE_2-2.5_20210401	SL	C	4/1/2021	1405	--	--		5							X			X	X	X		
3	TRIP BLANK	WT	G	--	--	--	--		2													X	
4	EB-2_WQ_20210401	WT	G	4/1/2021	1430	--	--		5							X			X	X			
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	4-2-21	940	[signature] / PACE	4.2.21	0940	0.9	Y	N	Y
	[signature] / PACE	4.2.21	1205	B. Rucker / PACE / AVL	4-2-21	1205	2.4	X	N	Y
	B. Rucker / PACE / AVL	4-2-21	1830	[signature] PACE AVL	1-5-21	8:00				

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

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

April 16, 2021

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

RE: Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Dear Program Manager:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

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

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531952001	**DA4-SB-13A (0-0.6)**	Solid	04/06/21 08:30	04/08/21 08:00
92531952002	**DA4-SB-13A (5-6)**	Solid	04/06/21 09:00	04/08/21 08:00
92531952003	**DA4-SB-13B (0-0.6)**	Solid	04/06/21 09:15	04/08/21 08:00
92531952004	**DA4-SB-13B (2-2.5)**	Solid	04/06/21 09:45	04/08/21 08:00
92531952005	**RI-SB-37 (0-0.6)**	Solid	04/06/21 10:45	04/08/21 08:00
92531952006	**RI-SB-37 (2-2.5)**	Solid	04/06/21 11:15	04/08/21 08:00
92531952007	**RI-SB-38 (0-0.6)**	Solid	04/06/21 10:50	04/08/21 08:00
92531952008	**RI-SB-38 (2-2.5)**	Solid	04/06/21 13:50	04/08/21 08:00
92531952009	**RI-SB-39 (0-0.6)**	Solid	04/06/21 11:00	04/08/21 08:00
92531952010	**RI-SB-39 (2-2.5)**	Solid	04/06/21 14:50	04/08/21 08:00
92531952011	**FD-3**	Solid	04/06/21 09:30	04/08/21 08:00
92531952012	**DA4-SB-13 (0-0.6)**	Solid	04/05/21 16:00	04/08/21 08:00
92531952013	**DA4-SB-13 (6.5-7.5)**	Solid	04/05/21 16:20	04/08/21 08:00
92531952014	**EB-3**	Water	04/05/21 15:15	04/08/21 08:00
92531952015	**TRIP BLANK**	Water	04/08/21 00:00	04/08/21 08:00

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531952001	**DA4-SB-13A (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952002	**DA4-SB-13A (5-6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952003	**DA4-SB-13B (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952004	**DA4-SB-13B (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952005	**RI-SB-37 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952006	**RI-SB-37 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952007	**RI-SB-38 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952008	**RI-SB-38 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	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: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952009	**RI-SB-39 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952010	**RI-SB-39 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952011	**FD-3**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952012	**DA4-SB-13 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952014	**EB-3**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531952015	**TRIP BLANK**	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952001	**DA4-SB-13A (0-0.6)**					
EPA 8082A	PCB-1260 (Aroclor 1260)	1410	ug/kg	522	04/13/21 10:00	
EPA 8270E	Benzo(a)pyrene	44100	ug/kg	792	04/14/21 14:15	
EPA 8270E	Acenaphthylene	1830J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Anthracene	4530J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(a)anthracene	9220	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(b)fluoranthene	8450	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(g,h,i)perylene	5010J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(k)fluoranthene	4350J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Chrysene	6700	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Fluoranthene	20200	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Fluorene	2360J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4490J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Phenanthrene	15800	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Pyrene	19600	ug/kg	5100	04/14/21 09:31	
EPA 8260D	Acetone	746J	ug/kg	796	04/09/21 06:40	
EPA 8260D	Benzene	95.7	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	2-Butanone (MEK)	365J	ug/kg	796	04/09/21 06:40	
EPA 8260D	Ethylbenzene	63.5	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Isopropylbenzene (Cumene)	35.0J	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Naphthalene	1980	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Toluene	100	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	1,2,4-Trimethylbenzene	76.1	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	1,3,5-Trimethylbenzene	37.6J	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Xylene (Total)	216	ug/kg	79.6	04/09/21 06:40	
EPA 8260D	m&p-Xylene	158	ug/kg	79.6	04/09/21 06:40	
EPA 8260D	o-Xylene	58.6	ug/kg	39.8	04/09/21 06:40	
SW-846	Percent Moisture	68.0	%	0.10	04/08/21 14:32	N2
92531952002	**DA4-SB-13A (5-6)**					
EPA 8270E	Benzo(a)pyrene	8740	ug/kg	162	04/14/21 14:37	
EPA 8270E	Acenaphthylene	520	ug/kg	518	04/13/21 20:12	
EPA 8270E	Anthracene	728	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(a)anthracene	1960	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(b)fluoranthene	1950	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(g,h,i)perylene	734	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(k)fluoranthene	722	ug/kg	518	04/13/21 20:12	
EPA 8270E	Chrysene	1360	ug/kg	518	04/13/21 20:12	
EPA 8270E	Fluoranthene	3840	ug/kg	518	04/13/21 20:12	
EPA 8270E	Fluorene	264J	ug/kg	518	04/13/21 20:12	
EPA 8270E	Indeno(1,2,3-cd)pyrene	704	ug/kg	518	04/13/21 20:12	
EPA 8270E	Phenanthrene	1490	ug/kg	518	04/13/21 20:12	
EPA 8270E	Pyrene	2790	ug/kg	518	04/13/21 20:12	
EPA 8260D	Naphthalene	23.7	ug/kg	11.2	04/09/21 07:17	
SW-846	Percent Moisture	37.3	%	0.10	04/08/21 14:32	N2
92531952003	**DA4-SB-13B (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	3290	ug/kg	85.8	04/14/21 14:59	
EPA 8270E	Acenaphthylene	4120	ug/kg	2800	04/14/21 01:13	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952003	**DA4-SB-13B (0-0.6)**					
EPA 8270E	Anthracene	5930	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(a)anthracene	13700	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(b)fluoranthene	12800	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(g,h,i)perylene	4860	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(k)fluoranthene	5300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Chrysene	10300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Dibenz(a,h)anthracene	1370J	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Fluoranthene	26300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Fluorene	1960J	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4840	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Phenanthrene	16800	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Pyrene	18800	ug/kg	2800	04/14/21 01:13	
EPA 8260D	Acetone	189J	ug/kg	273	04/09/21 07:35	
EPA 8260D	Naphthalene	60.1	ug/kg	13.7	04/09/21 07:35	
EPA 8260D	Toluene	9.6J	ug/kg	13.7	04/09/21 07:35	
EPA 8260D	Xylene (Total)	11.8J	ug/kg	27.3	04/09/21 07:35	
EPA 8260D	m&p-Xylene	11.8J	ug/kg	27.3	04/09/21 07:35	
SW-846	Percent Moisture	41.9	%	0.10	04/08/21 14:32	N2
92531952004	**DA4-SB-13B (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	182	ug/kg	15.1	04/13/21 12:24	
SW-846	Percent Moisture	34.3	%	0.10	04/08/21 14:32	N2
92531952005	**RI-SB-37 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	16.0J	ug/kg	17.9	04/13/21 12:46	
EPA 8260D	Acetone	127J	ug/kg	256	04/09/21 08:11	
EPA 8260D	Ethylbenzene	6.4J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Naphthalene	30.0	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Toluene	10.1J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	1,2,4-Trimethylbenzene	8.6J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Xylene (Total)	24.5J	ug/kg	25.6	04/09/21 08:11	
EPA 8260D	m&p-Xylene	16.6J	ug/kg	25.6	04/09/21 08:11	
EPA 8260D	o-Xylene	7.9J	ug/kg	12.8	04/09/21 08:11	
SW-846	Percent Moisture	45.0	%	0.10	04/08/21 14:32	N2
92531952006	**RI-SB-37 (2-2.5)**					
EPA 8082A	PCB-1248 (Aroclor 1248)	123	ug/kg	53.1	04/13/21 10:28	
SW-846	Percent Moisture	38.8	%	0.10	04/08/21 14:32	N2
92531952007	**RI-SB-38 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	16.9J	ug/kg	32.7	04/14/21 16:05	
EPA 8260D	Acetone	880	ug/kg	688	04/09/21 08:47	
EPA 8260D	2-Butanone (MEK)	365J	ug/kg	688	04/09/21 08:47	
EPA 8260D	Ethylbenzene	27.2J	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	p-Isopropyltoluene	17.3J	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Naphthalene	86.7	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Toluene	50.5	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	1,2,4-Trimethylbenzene	46.3	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Xylene (Total)	144	ug/kg	68.8	04/09/21 08:47	

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952007	**RI-SB-38 (0-0.6)**					
EPA 8260D	m&p-Xylene	91.4	ug/kg	68.8	04/09/21 08:47	
EPA 8260D	o-Xylene	52.2	ug/kg	34.4	04/09/21 08:47	
SW-846	Percent Moisture	69.2	%	0.10	04/08/21 14:33	N2
92531952008	**RI-SB-38 (2-2.5)**					
EPA 8260D	Acetone	61.2J	ug/kg	182	04/09/21 09:05	
SW-846	Percent Moisture	32.8	%	0.10	04/08/21 14:33	N2
92531952009	**RI-SB-39 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	15.9J	ug/kg	18.6	04/13/21 14:14	
EPA 8260D	Acetone	225J	ug/kg	267	04/09/21 09:24	
EPA 8260D	2-Butanone (MEK)	93.0J	ug/kg	267	04/09/21 09:24	
EPA 8260D	Ethylbenzene	11.5J	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	p-Isopropyltoluene	15.3	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Naphthalene	93.2	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Toluene	23.3	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	1,2,4-Trimethylbenzene	25.2	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	1,3,5-Trimethylbenzene	12.5J	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Xylene (Total)	70.1	ug/kg	26.7	04/09/21 09:24	
EPA 8260D	m&p-Xylene	46.8	ug/kg	26.7	04/09/21 09:24	
EPA 8260D	o-Xylene	23.2	ug/kg	13.4	04/09/21 09:24	
SW-846	Percent Moisture	46.3	%	0.10	04/08/21 14:33	N2
92531952010	**RI-SB-39 (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	1.6J	ug/kg	13.7	04/13/21 14:36	
SW-846	Percent Moisture	26.9	%	0.10	04/08/21 14:33	N2
92531952011	**FD-3**					
EPA 8270E	Benzo(a)pyrene	4270	ug/kg	134	04/14/21 15:21	
EPA 8270E	Acenaphthylene	1980	ug/kg	918	04/14/21 01:43	
EPA 8270E	Anthracene	1990	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(a)anthracene	7950	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(b)fluoranthene	7430	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(g,h,i)perylene	3090	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(k)fluoranthene	2940	ug/kg	918	04/14/21 01:43	
EPA 8270E	Chrysene	6050	ug/kg	918	04/14/21 01:43	
EPA 8270E	Dibenz(a,h)anthracene	802J	ug/kg	918	04/14/21 01:43	
EPA 8270E	Fluoranthene	15300	ug/kg	4590	04/14/21 09:58	
EPA 8270E	Fluorene	337J	ug/kg	918	04/14/21 01:43	
EPA 8270E	Indeno(1,2,3-cd)pyrene	3020	ug/kg	918	04/14/21 01:43	
EPA 8270E	Phenanthrene	3250	ug/kg	918	04/14/21 01:43	
EPA 8270E	Pyrene	14200	ug/kg	4590	04/14/21 09:58	
EPA 8260D	Acetone	249J	ug/kg	509	04/09/21 10:00	
EPA 8260D	Naphthalene	122	ug/kg	25.5	04/09/21 10:00	
EPA 8260D	Toluene	16.3J	ug/kg	25.5	04/09/21 10:00	
EPA 8260D	Xylene (Total)	21.7J	ug/kg	50.9	04/09/21 10:00	
EPA 8260D	m&p-Xylene	21.7J	ug/kg	50.9	04/09/21 10:00	
SW-846	Percent Moisture	63.4	%	0.10	04/08/21 14:33	N2

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952012	**DA4-SB-13 (0-0.6)**					
EPA 8082A	PCB-1260 (Aroclor 1260)	1840	ug/kg	534	04/13/21 10:50	
EPA 8270E	Benzo(a)pyrene	3410	ug/kg	65.0	04/14/21 15:43	
EPA 8270E	Acenaphthylene	1590J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Anthracene	1540J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(a)anthracene	4430	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(b)fluoranthene	4840	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(g,h,i)perylene	2000J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(k)fluoranthene	2210J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Chrysene	3440	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Fluoranthene	9720	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Indeno(1,2,3-cd)pyrene	1850J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Phenanthrene	3000	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Pyrene	7170	ug/kg	2690	04/14/21 02:13	
EPA 8260D	Acetone	333	ug/kg	258	04/09/21 22:09	
EPA 8260D	Benzene	75.3	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	2-Butanone (MEK)	119J	ug/kg	258	04/09/21 22:09	
EPA 8260D	1,4-Dichlorobenzene	48.3	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Ethylbenzene	35.0	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Isopropylbenzene (Cumene)	6.8J	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Naphthalene	1300	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Toluene	54.6	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,2,4-Trichlorobenzene	23.1	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,2,4-Trimethylbenzene	26.5	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,3,5-Trimethylbenzene	11.8J	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Xylene (Total)	97.4	ug/kg	25.8	04/09/21 22:09	
EPA 8260D	m&p-Xylene	72.9	ug/kg	25.8	04/09/21 22:09	
EPA 8260D	o-Xylene	24.5	ug/kg	12.9	04/09/21 22:09	
SW-846	Percent Moisture	39.0	%	0.10	04/08/21 14:33	N2
92531952013	**DA4-SB-13 (6.5-7.5)**					
EPA 8270E	Benzo(a)pyrene	3850	ug/kg	69.4	04/15/21 08:04	
EPA 8270E	Acenaphthene	246J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Anthracene	215J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Benzo(a)anthracene	298J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Benzo(b)fluoranthene	290J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Chrysene	228J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Fluoranthene	710	ug/kg	446	04/14/21 00:13	
EPA 8270E	1-Methylnaphthalene	214J	ug/kg	446	04/14/21 00:13	
EPA 8270E	2-Methylnaphthalene	380J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Phenanthrene	553	ug/kg	446	04/14/21 00:13	
EPA 8270E	Pyrene	510	ug/kg	446	04/14/21 00:13	
EPA 8260D	Benzene	170	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Ethylbenzene	278	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Isopropylbenzene (Cumene)	26.8J	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	p-Isopropyltoluene	36.7	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Naphthalene	18800	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Styrene	25.2J	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Toluene	144	ug/kg	30.5	04/09/21 11:09	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952013	**DA4-SB-13 (6.5-7.5)**					
EPA 8260D	1,2,4-Trimethylbenzene	331	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	1,3,5-Trimethylbenzene	129	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Xylene (Total)	538	ug/kg	60.9	04/09/21 11:09	
EPA 8260D	m&p-Xylene	310	ug/kg	60.9	04/09/21 11:09	
EPA 8260D	o-Xylene	228	ug/kg	30.5	04/09/21 11:09	
SW-846	Percent Moisture	27.0	%	0.10	04/08/21 14:33	N2
92531952014	**EB-3**					
EPA 8260D	Acetone	12.7J	ug/L	25.0	04/12/21 15:49	C0

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 16, 2021

General Information:
13 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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

QC Batch: 612942

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Decachlorobiphenyl (S)
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - Decachlorobiphenyl (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Decachlorobiphenyl (S)
- FD-3 (Lab ID: 92531952011)
  - Decachlorobiphenyl (S)

QC Batch: 613371

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3228311)
  - Decachlorobiphenyl (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

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 16, 2021

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

Additional Comments:

Analyte Comments:

QC Batch: 612942

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Decachlorobiphenyl (S)
- DA4-SB-13A (0-0.6) (Lab ID: 92531952001)
  - Decachlorobiphenyl (S)
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - Decachlorobiphenyl (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Decachlorobiphenyl (S)
- FD-3 (Lab ID: 92531952011)
  - Decachlorobiphenyl (S)
- MS (Lab ID: 3226322)
  - Decachlorobiphenyl (S)
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
  - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 16, 2021

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

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

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

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

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

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

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

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: 612978

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912009

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

- MS (Lab ID: 3226424)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Nitroaniline
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol
- MSD (Lab ID: 3226425)
  - 2,4,6-Trichlorophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612978

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912009

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

- 2,4-Dinitrophenol
- 4,6-Dinitro-2-methylphenol
- 4-Nitroaniline
- 4-Nitrophenol
- Benzoic Acid
- Pentachlorophenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3226425)
  - 2,4,5-Trichlorophenol

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 16, 2021

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 16, 2021

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

QC Batch: 612821

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.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13 (6.5-7.5) (Lab ID: 92531952013)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13B (2-2.5) (Lab ID: 92531952004)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DUP (Lab ID: 3225855)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- FD-3 (Lab ID: 92531952011)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- MS (Lab ID: 3225854)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-37 (0-0.6) (Lab ID: 92531952005)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612821

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-Dinitrotoluene
- 4-Nitroaniline
- RI-SB-37 (2-2.5) (Lab ID: 92531952006)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-38 (2-2.5) (Lab ID: 92531952008)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-39 (0-0.6) (Lab ID: 92531952009)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-39 (2-2.5) (Lab ID: 92531952010)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline

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.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Hexachlorocyclopentadiene
- DA4-SB-13 (6.5-7.5) (Lab ID: 92531952013)
  - Hexachlorocyclopentadiene
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - Hexachlorocyclopentadiene
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Hexachlorocyclopentadiene
- DA4-SB-13B (2-2.5) (Lab ID: 92531952004)
  - Hexachlorocyclopentadiene
- DUP (Lab ID: 3225855)
  - Hexachlorocyclopentadiene
- FD-3 (Lab ID: 92531952011)
  - Hexachlorocyclopentadiene
- RI-SB-37 (0-0.6) (Lab ID: 92531952005)
  - Hexachlorocyclopentadiene
- RI-SB-37 (2-2.5) (Lab ID: 92531952006)
  - Hexachlorocyclopentadiene
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
  - Hexachlorocyclopentadiene
- RI-SB-38 (2-2.5) (Lab ID: 92531952008)
  - Hexachlorocyclopentadiene
- RI-SB-39 (0-0.6) (Lab ID: 92531952009)
  - Hexachlorocyclopentadiene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612821

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.

- RI-SB-39 (2-2.5) (Lab ID: 92531952010)
  - Hexachlorocyclopentadiene

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: 3225854)
  - Hexachlorocyclopentadiene

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

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

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 612821

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Nitrobenzene-d5 (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 16, 2021

General Information:
1 sample was 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: 612981

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3226437)
  - 2-Fluorobiphenyl (S)

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

General Information:
2 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: 612349

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: 3223149)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3223150)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3223151)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MSD (Lab ID: 3223152)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531952015)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

QC Batch: 613057

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: 3226783)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- DUP (Lab ID: 3226785)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- EB-3 (Lab ID: 92531952014)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3226784)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3226786)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene

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

QC Batch: 613057

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: 3226783)
  - Methylene Chloride
- DUP (Lab ID: 3226785)
  - Methylene Chloride
- EB-3 (Lab ID: 92531952014)
  - Methylene Chloride

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

QC Batch: 613057

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: 3226784)
  - Methylene Chloride
- MS (Lab ID: 3226786)
  - Methylene Chloride

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: 612349

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531836001

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

- MS (Lab ID: 3223151)
  - Acetone
- MSD (Lab ID: 3223152)
  - 2-Butanone (MEK)
  - Acetone

R1: RPD value was outside control limits.

- MSD (Lab ID: 3223152)
  - 2-Butanone (MEK)
  - Acetone
  - Hexachloro-1,3-butadiene

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

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

Analyte Comments:

QC Batch: 613057

C0: Result confirmed by second analysis.

- EB-3 (Lab ID: 92531952014)
  - Acetone

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 16, 2021

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

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

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.

QC Batch: 612471

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531952002

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

- MS (Lab ID: 3224079)
  - Chloromethane

QC Batch: 612777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532317002

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

- MS (Lab ID: 3225525)
  - 1,2-Dichloropropane
  - Chloromethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532317002

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

- Vinyl acetate
- m&p-Xylene

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

Additional Comments:

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

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	522	191	5	04/10/21 21:37	04/13/21 10:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	522	202	5	04/10/21 21:37	04/13/21 10:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	522	183	5	04/10/21 21:37	04/13/21 10:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	522	98.5	5	04/10/21 21:37	04/13/21 10:00	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	522	130	5	04/10/21 21:37	04/13/21 10:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	522	98.3	5	04/10/21 21:37	04/13/21 10:00	11097-69-1	
PCB-1260 (Aroclor 1260)	**1410**	ug/kg	522	125	5	04/10/21 21:37	04/13/21 10:00	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	44	%	10-160		5	04/10/21 21:37	04/13/21 10:00	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**44100**	ug/kg	792	81.5	25	04/12/21 11:41	04/14/21 14:15	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	34	%	31-130		5	04/12/21 11:41	04/13/21 11:18	321-60-8	
Nitrobenzene-d5 (S)	49	%	32-130		5	04/12/21 11:41	04/13/21 11:18	4165-60-0	
Terphenyl-d14 (S)	42	%	24-130		5	04/12/21 11:41	04/13/21 11:18	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	83-32-9	
Acenaphthylene	**1830J**	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	208-96-8	
Aniline	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	62-53-3	
Anthracene	**4530J**	ug/kg	5100	1670	5	04/10/21 00:07	04/14/21 09:31	120-12-7	
Benzo(a)anthracene	**9220**	ug/kg	5100	1700	5	04/10/21 00:07	04/14/21 09:31	56-55-3	
Benzo(b)fluoranthene	**8450**	ug/kg	5100	1700	5	04/10/21 00:07	04/14/21 09:31	205-99-2	
Benzo(g,h,i)perylene	**5010J**	ug/kg	5100	1980	5	04/10/21 00:07	04/14/21 09:31	191-24-2	
Benzo(k)fluoranthene	**4350J**	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	207-08-9	
Benzoic Acid	ND	ug/kg	25500	11000	5	04/10/21 00:07	04/14/21 09:31	65-85-0	
Benzyl alcohol	ND	ug/kg	10200	3870	5	04/10/21 00:07	04/14/21 09:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	5100	2150	5	04/10/21 00:07	04/14/21 09:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	10200	3590	5	04/10/21 00:07	04/14/21 09:31	59-50-7	
4-Chloroaniline	ND	ug/kg	10200	4010	5	04/10/21 00:07	04/14/21 09:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	5100	2120	5	04/10/21 00:07	04/14/21 09:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	111-44-4	
2-Chloronaphthalene	ND	ug/kg	5100	2030	5	04/10/21 00:07	04/14/21 09:31	91-58-7	
2-Chlorophenol	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	5100	1900	5	04/10/21 00:07	04/14/21 09:31	7005-72-3	
Chrysene	**6700**	ug/kg	5100	1860	5	04/10/21 00:07	04/14/21 09:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	53-70-3	
Dibenzofuran	ND	ug/kg	5100	1840	5	04/10/21 00:07	04/14/21 09:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	10200	3450	5	04/10/21 00:07	04/14/21 09:31	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	5100	1870	5	04/10/21 00:07	04/14/21 09:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	5100	2120	5	04/10/21 00:07	04/14/21 09:31	105-67-9	
Dimethylphthalate	ND	ug/kg	5100	1860	5	04/10/21 00:07	04/14/21 09:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	5100	1720	5	04/10/21 00:07	04/14/21 09:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	10200	4760	5	04/10/21 00:07	04/14/21 09:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	25500	15800	5	04/10/21 00:07	04/14/21 09:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	5100	1870	5	04/10/21 00:07	04/14/21 09:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	5100	2010	5	04/10/21 00:07	04/14/21 09:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	5100	1980	5	04/10/21 00:07	04/14/21 09:31	117-81-7	
Fluoranthene	**20200**	ug/kg	5100	1750	5	04/10/21 00:07	04/14/21 09:31	206-44-0	
Fluorene	**2360J**	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	86-73-7	
Hexachlorobenzene	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	5100	2920	5	04/10/21 00:07	04/14/21 09:31	77-47-4	
Hexachloroethane	ND	ug/kg	5100	1950	5	04/10/21 00:07	04/14/21 09:31	67-72-1	
Indeno(1,2,3-cd)pyrene	**4490J**	ug/kg	5100	2010	5	04/10/21 00:07	04/14/21 09:31	193-39-5	
Isophorone	ND	ug/kg	5100	2270	5	04/10/21 00:07	04/14/21 09:31	78-59-1	
1-Methylnaphthalene	ND	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	90-12-0	
2-Methylnaphthalene	ND	ug/kg	5100	2040	5	04/10/21 00:07	04/14/21 09:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	5100	2090	5	04/10/21 00:07	04/14/21 09:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	5100	2060	5	04/10/21 00:07	04/14/21 09:31	15831-10-4	
2-Nitroaniline	ND	ug/kg	25500	4180	5	04/10/21 00:07	04/14/21 09:31	88-74-4	
3-Nitroaniline	ND	ug/kg	25500	4010	5	04/10/21 00:07	04/14/21 09:31	99-09-2	
4-Nitroaniline	ND	ug/kg	10200	3880	5	04/10/21 00:07	04/14/21 09:31	100-01-6	
Nitrobenzene	ND	ug/kg	5100	2370	5	04/10/21 00:07	04/14/21 09:31	98-95-3	
2-Nitrophenol	ND	ug/kg	5100	2210	5	04/10/21 00:07	04/14/21 09:31	88-75-5	
4-Nitrophenol	ND	ug/kg	25500	9870	5	04/10/21 00:07	04/14/21 09:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	5100	1720	5	04/10/21 00:07	04/14/21 09:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	5100	1810	5	04/10/21 00:07	04/14/21 09:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	5100	2430	5	04/10/21 00:07	04/14/21 09:31	108-60-1	
Pentachlorophenol	ND	ug/kg	10200	5000	5	04/10/21 00:07	04/14/21 09:31	87-86-5	
Phenanthrene	**15800**	ug/kg	5100	1670	5	04/10/21 00:07	04/14/21 09:31	85-01-8	
Phenol	ND	ug/kg	5100	2270	5	04/10/21 00:07	04/14/21 09:31	108-95-2	
Pyrene	**19600**	ug/kg	5100	2070	5	04/10/21 00:07	04/14/21 09:31	129-00-0	
Pyridine	ND	ug/kg	5100	1610	5	04/10/21 00:07	04/14/21 09:31	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	5100	2340	5	04/10/21 00:07	04/14/21 09:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	5100	2100	5	04/10/21 00:07	04/14/21 09:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	21-130		5	04/10/21 00:07	04/14/21 09:31	4165-60-0	
2-Fluorobiphenyl (S)	32	%	19-130		5	04/10/21 00:07	04/14/21 09:31	321-60-8	
Terphenyl-d14 (S)	20	%	15-130		5	04/10/21 00:07	04/14/21 09:31	1718-51-0	
Phenol-d6 (S)	40	%	18-130		5	04/10/21 00:07	04/14/21 09:31	13127-88-3	
2-Fluorophenol (S)	38	%	18-130		5	04/10/21 00:07	04/14/21 09:31	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	34	%	18-130		5	04/10/21 00:07	04/14/21 09:31	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**746J**	ug/kg	796	256	1	04/08/21 15:45	04/09/21 06:40	67-64-1	
Benzene	**95.7**	ug/kg	39.8	15.8	1	04/08/21 15:45	04/09/21 06:40	71-43-2	
Bromobenzene	ND	ug/kg	39.8	13.0	1	04/08/21 15:45	04/09/21 06:40	108-86-1	
Bromochloromethane	ND	ug/kg	39.8	11.8	1	04/08/21 15:45	04/09/21 06:40	74-97-5	
Bromodichloromethane	ND	ug/kg	39.8	15.4	1	04/08/21 15:45	04/09/21 06:40	75-27-4	
Bromoform	ND	ug/kg	39.8	14.0	1	04/08/21 15:45	04/09/21 06:40	75-25-2	
Bromomethane	ND	ug/kg	79.6	62.9	1	04/08/21 15:45	04/09/21 06:40	74-83-9	
2-Butanone (MEK)	**365J**	ug/kg	796	191	1	04/08/21 15:45	04/09/21 06:40	78-93-3	
n-Butylbenzene	ND	ug/kg	39.8	18.8	1	04/08/21 15:45	04/09/21 06:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	39.8	17.5	1	04/08/21 15:45	04/09/21 06:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	39.8	14.2	1	04/08/21 15:45	04/09/21 06:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	39.8	14.9	1	04/08/21 15:45	04/09/21 06:40	56-23-5	
Chlorobenzene	ND	ug/kg	39.8	7.6	1	04/08/21 15:45	04/09/21 06:40	108-90-7	
Chloroethane	ND	ug/kg	79.6	30.7	1	04/08/21 15:45	04/09/21 06:40	75-00-3	
Chloroform	ND	ug/kg	39.8	24.2	1	04/08/21 15:45	04/09/21 06:40	67-66-3	
Chloromethane	ND	ug/kg	79.6	33.4	1	04/08/21 15:45	04/09/21 06:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	39.8	14.1	1	04/08/21 15:45	04/09/21 06:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	39.8	7.0	1	04/08/21 15:45	04/09/21 06:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	39.8	15.4	1	04/08/21 15:45	04/09/21 06:40	96-12-8	
Dibromochloromethane	ND	ug/kg	39.8	22.4	1	04/08/21 15:45	04/09/21 06:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	39.8	17.5	1	04/08/21 15:45	04/09/21 06:40	106-93-4	
Dibromomethane	ND	ug/kg	39.8	8.5	1	04/08/21 15:45	04/09/21 06:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	39.8	14.3	1	04/08/21 15:45	04/09/21 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	39.8	12.3	1	04/08/21 15:45	04/09/21 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	39.8	10.4	1	04/08/21 15:45	04/09/21 06:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	79.6	17.3	1	04/08/21 15:45	04/09/21 06:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	39.8	16.4	1	04/08/21 15:45	04/09/21 06:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	39.8	26.4	1	04/08/21 15:45	04/09/21 06:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	39.8	16.4	1	04/08/21 15:45	04/09/21 06:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	39.8	13.6	1	04/08/21 15:45	04/09/21 06:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	39.8	13.9	1	04/08/21 15:45	04/09/21 06:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	39.8	11.9	1	04/08/21 15:45	04/09/21 06:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	39.8	12.4	1	04/08/21 15:45	04/09/21 06:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	39.8	13.0	1	04/08/21 15:45	04/09/21 06:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	39.8	19.1	1	04/08/21 15:45	04/09/21 06:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	39.8	10.8	1	04/08/21 15:45	04/09/21 06:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	39.8	13.7	1	04/08/21 15:45	04/09/21 06:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	39.8	10.8	1	04/08/21 15:45	04/09/21 06:40	108-20-3	
Ethylbenzene	**63.5**	ug/kg	39.8	18.6	1	04/08/21 15:45	04/09/21 06:40	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	79.6	65.1	1	04/08/21 15:45	04/09/21 06:40	87-68-3	
2-Hexanone	ND	ug/kg	398	38.4	1	04/08/21 15:45	04/09/21 06:40	591-78-6	
Isopropylbenzene (Cumene)	**35.0J**	ug/kg	39.8	13.5	1	04/08/21 15:45	04/09/21 06:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	39.8	19.6	1	04/08/21 15:45	04/09/21 06:40	99-87-6	
Methylene Chloride	ND	ug/kg	159	109	1	04/08/21 15:45	04/09/21 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	398	38.4	1	04/08/21 15:45	04/09/21 06:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	39.8	14.9	1	04/08/21 15:45	04/09/21 06:40	1634-04-4	
Naphthalene	**1980**	ug/kg	39.8	20.9	1	04/08/21 15:45	04/09/21 06:40	91-20-3	
n-Propylbenzene	ND	ug/kg	39.8	14.2	1	04/08/21 15:45	04/09/21 06:40	103-65-1	
Styrene	ND	ug/kg	39.8	10.5	1	04/08/21 15:45	04/09/21 06:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	39.8	15.3	1	04/08/21 15:45	04/09/21 06:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	39.8	10.5	1	04/08/21 15:45	04/09/21 06:40	79-34-5	
Tetrachloroethene	ND	ug/kg	39.8	12.6	1	04/08/21 15:45	04/09/21 06:40	127-18-4	
Toluene	**100**	ug/kg	39.8	11.3	1	04/08/21 15:45	04/09/21 06:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	39.8	32.2	1	04/08/21 15:45	04/09/21 06:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	39.8	33.4	1	04/08/21 15:45	04/09/21 06:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	39.8	20.7	1	04/08/21 15:45	04/09/21 06:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	39.8	13.2	1	04/08/21 15:45	04/09/21 06:40	79-00-5	
Trichloroethene	ND	ug/kg	39.8	10.3	1	04/08/21 15:45	04/09/21 06:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	39.8	21.9	1	04/08/21 15:45	04/09/21 06:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	39.8	20.1	1	04/08/21 15:45	04/09/21 06:40	96-18-4	
1,2,4-Trimethylbenzene	**76.1**	ug/kg	39.8	10.9	1	04/08/21 15:45	04/09/21 06:40	95-63-6	
1,3,5-Trimethylbenzene	**37.6J**	ug/kg	39.8	13.4	1	04/08/21 15:45	04/09/21 06:40	108-67-8	
Vinyl acetate	ND	ug/kg	398	29.0	1	04/08/21 15:45	04/09/21 06:40	108-05-4	
Vinyl chloride	ND	ug/kg	79.6	20.2	1	04/08/21 15:45	04/09/21 06:40	75-01-4	
Xylene (Total)	**216**	ug/kg	79.6	22.7	1	04/08/21 15:45	04/09/21 06:40	1330-20-7	
m&p-Xylene	**158**	ug/kg	79.6	27.2	1	04/08/21 15:45	04/09/21 06:40	179601-23-1	
o-Xylene	**58.6**	ug/kg	39.8	17.6	1	04/08/21 15:45	04/09/21 06:40	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 06:40	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 06:40	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 06:40	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**68.0**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	534	195	10	04/10/21 21:37	04/13/21 10:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	534	206	10	04/10/21 21:37	04/13/21 10:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	534	187	10	04/10/21 21:37	04/13/21 10:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	534	133	10	04/10/21 21:37	04/13/21 10:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	534	100	10	04/10/21 21:37	04/13/21 10:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	534	128	10	04/10/21 21:37	04/13/21 10:07	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:07	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**8740**	ug/kg	162	16.7	10	04/12/21 11:41	04/14/21 14:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	73	%	31-130		5	04/12/21 11:41	04/13/21 11:40	321-60-8	
Nitrobenzene-d5 (S)	59	%	32-130		5	04/12/21 11:41	04/13/21 11:40	4165-60-0	
Terphenyl-d14 (S)	81	%	24-130		5	04/12/21 11:41	04/13/21 11:40	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	83-32-9	
Acenaphthylene	**520**	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	208-96-8	
Aniline	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	62-53-3	
Anthracene	**728**	ug/kg	518	170	1	04/10/21 00:07	04/13/21 20:12	120-12-7	
Benzo(a)anthracene	**1960**	ug/kg	518	173	1	04/10/21 00:07	04/13/21 20:12	56-55-3	
Benzo(b)fluoranthene	**1950**	ug/kg	518	173	1	04/10/21 00:07	04/13/21 20:12	205-99-2	
Benzo(g,h,i)perylene	**734**	ug/kg	518	201	1	04/10/21 00:07	04/13/21 20:12	191-24-2	
Benzo(k)fluoranthene	**722**	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	207-08-9	
Benzoic Acid	ND	ug/kg	2590	1110	1	04/10/21 00:07	04/13/21 20:12	65-85-0	
Benzyl alcohol	ND	ug/kg	1040	392	1	04/10/21 00:07	04/13/21 20:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	101-55-3	
Butylbenzylphthalate	ND	ug/kg	518	218	1	04/10/21 00:07	04/13/21 20:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1040	364	1	04/10/21 00:07	04/13/21 20:12	59-50-7	
4-Chloroaniline	ND	ug/kg	1040	406	1	04/10/21 00:07	04/13/21 20:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	518	215	1	04/10/21 00:07	04/13/21 20:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	111-44-4	
2-Chloronaphthalene	ND	ug/kg	518	206	1	04/10/21 00:07	04/13/21 20:12	91-58-7	
2-Chlorophenol	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	518	193	1	04/10/21 00:07	04/13/21 20:12	7005-72-3	
Chrysene	**1360**	ug/kg	518	188	1	04/10/21 00:07	04/13/21 20:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	53-70-3	
Dibenzofuran	ND	ug/kg	518	187	1	04/10/21 00:07	04/13/21 20:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1040	350	1	04/10/21 00:07	04/13/21 20:12	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	518	190	1	04/10/21 00:07	04/13/21 20:12	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	518	215	1	04/10/21 00:07	04/13/21 20:12	105-67-9	
Dimethylphthalate	ND	ug/kg	518	188	1	04/10/21 00:07	04/13/21 20:12	131-11-3	
Di-n-butylphthalate	ND	ug/kg	518	174	1	04/10/21 00:07	04/13/21 20:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1040	483	1	04/10/21 00:07	04/13/21 20:12	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2590	1600	1	04/10/21 00:07	04/13/21 20:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	518	190	1	04/10/21 00:07	04/13/21 20:12	606-20-2	
Di-n-octylphthalate	ND	ug/kg	518	204	1	04/10/21 00:07	04/13/21 20:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	518	201	1	04/10/21 00:07	04/13/21 20:12	117-81-7	
Fluoranthene	**3840**	ug/kg	518	177	1	04/10/21 00:07	04/13/21 20:12	206-44-0	
Fluorene	**264J**	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	86-73-7	
Hexachlorobenzene	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	518	297	1	04/10/21 00:07	04/13/21 20:12	77-47-4	v2
Hexachloroethane	ND	ug/kg	518	198	1	04/10/21 00:07	04/13/21 20:12	67-72-1	
Indeno(1,2,3-cd)pyrene	**704**	ug/kg	518	204	1	04/10/21 00:07	04/13/21 20:12	193-39-5	
Isophorone	ND	ug/kg	518	231	1	04/10/21 00:07	04/13/21 20:12	78-59-1	
1-Methylnaphthalene	ND	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	90-12-0	
2-Methylnaphthalene	ND	ug/kg	518	207	1	04/10/21 00:07	04/13/21 20:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	518	212	1	04/10/21 00:07	04/13/21 20:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	518	209	1	04/10/21 00:07	04/13/21 20:12	15831-10-4	
2-Nitroaniline	ND	ug/kg	2590	424	1	04/10/21 00:07	04/13/21 20:12	88-74-4	
3-Nitroaniline	ND	ug/kg	2590	406	1	04/10/21 00:07	04/13/21 20:12	99-09-2	
4-Nitroaniline	ND	ug/kg	1040	394	1	04/10/21 00:07	04/13/21 20:12	100-01-6	v1
Nitrobenzene	ND	ug/kg	518	240	1	04/10/21 00:07	04/13/21 20:12	98-95-3	
2-Nitrophenol	ND	ug/kg	518	224	1	04/10/21 00:07	04/13/21 20:12	88-75-5	
4-Nitrophenol	ND	ug/kg	2590	1000	1	04/10/21 00:07	04/13/21 20:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	518	174	1	04/10/21 00:07	04/13/21 20:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	518	184	1	04/10/21 00:07	04/13/21 20:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	518	246	1	04/10/21 00:07	04/13/21 20:12	108-60-1	
Pentachlorophenol	ND	ug/kg	1040	507	1	04/10/21 00:07	04/13/21 20:12	87-86-5	
Phenanthrene	**1490**	ug/kg	518	170	1	04/10/21 00:07	04/13/21 20:12	85-01-8	
Phenol	ND	ug/kg	518	231	1	04/10/21 00:07	04/13/21 20:12	108-95-2	
Pyrene	**2790**	ug/kg	518	210	1	04/10/21 00:07	04/13/21 20:12	129-00-0	
Pyridine	ND	ug/kg	518	163	1	04/10/21 00:07	04/13/21 20:12	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	518	237	1	04/10/21 00:07	04/13/21 20:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	518	213	1	04/10/21 00:07	04/13/21 20:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/10/21 00:07	04/13/21 20:12	4165-60-0	
2-Fluorobiphenyl (S)	69	%	19-130		1	04/10/21 00:07	04/13/21 20:12	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/10/21 00:07	04/13/21 20:12	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/10/21 00:07	04/13/21 20:12	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/10/21 00:07	04/13/21 20:12	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	82	%	18-130		1	04/10/21 00:07	04/13/21 20:12	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	224	71.9	1	04/08/21 15:45	04/09/21 07:17	67-64-1	
Benzene	ND	ug/kg	11.2	4.5	1	04/08/21 15:45	04/09/21 07:17	71-43-2	
Bromobenzene	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	108-86-1	
Bromochloromethane	ND	ug/kg	11.2	3.3	1	04/08/21 15:45	04/09/21 07:17	74-97-5	
Bromodichloromethane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	75-27-4	
Bromoform	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	75-25-2	
Bromomethane	ND	ug/kg	22.4	17.7	1	04/08/21 15:45	04/09/21 07:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	224	53.8	1	04/08/21 15:45	04/09/21 07:17	78-93-3	
n-Butylbenzene	ND	ug/kg	11.2	5.3	1	04/08/21 15:45	04/09/21 07:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.2	4.9	1	04/08/21 15:45	04/09/21 07:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.2	4.2	1	04/08/21 15:45	04/09/21 07:17	56-23-5	
Chlorobenzene	ND	ug/kg	11.2	2.2	1	04/08/21 15:45	04/09/21 07:17	108-90-7	
Chloroethane	ND	ug/kg	22.4	8.6	1	04/08/21 15:45	04/09/21 07:17	75-00-3	
Chloroform	ND	ug/kg	11.2	6.8	1	04/08/21 15:45	04/09/21 07:17	67-66-3	
Chloromethane	ND	ug/kg	22.4	9.4	1	04/08/21 15:45	04/09/21 07:17	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.2	2.0	1	04/08/21 15:45	04/09/21 07:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	96-12-8	
Dibromochloromethane	ND	ug/kg	11.2	6.3	1	04/08/21 15:45	04/09/21 07:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.2	4.9	1	04/08/21 15:45	04/09/21 07:17	106-93-4	
Dibromomethane	ND	ug/kg	11.2	2.4	1	04/08/21 15:45	04/09/21 07:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.2	2.9	1	04/08/21 15:45	04/09/21 07:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.4	4.9	1	04/08/21 15:45	04/09/21 07:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.2	4.6	1	04/08/21 15:45	04/09/21 07:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.2	7.4	1	04/08/21 15:45	04/09/21 07:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.2	4.6	1	04/08/21 15:45	04/09/21 07:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.2	3.4	1	04/08/21 15:45	04/09/21 07:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.2	5.4	1	04/08/21 15:45	04/09/21 07:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	108-20-3	
Ethylbenzene	ND	ug/kg	11.2	5.2	1	04/08/21 15:45	04/09/21 07:17	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	22.4	18.3	1	04/08/21 15:45	04/09/21 07:17	87-68-3	
2-Hexanone	ND	ug/kg	112	10.8	1	04/08/21 15:45	04/09/21 07:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.2	5.5	1	04/08/21 15:45	04/09/21 07:17	99-87-6	
Methylene Chloride	ND	ug/kg	44.8	30.7	1	04/08/21 15:45	04/09/21 07:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	112	10.8	1	04/08/21 15:45	04/09/21 07:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.2	4.2	1	04/08/21 15:45	04/09/21 07:17	1634-04-4	
Naphthalene	**23.7**	ug/kg	11.2	5.9	1	04/08/21 15:45	04/09/21 07:17	91-20-3	
n-Propylbenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	103-65-1	
Styrene	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	79-34-5	
Tetrachloroethene	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	127-18-4	
Toluene	ND	ug/kg	11.2	3.2	1	04/08/21 15:45	04/09/21 07:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.2	9.1	1	04/08/21 15:45	04/09/21 07:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.2	9.4	1	04/08/21 15:45	04/09/21 07:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.2	5.8	1	04/08/21 15:45	04/09/21 07:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	79-00-5	
Trichloroethene	ND	ug/kg	11.2	2.9	1	04/08/21 15:45	04/09/21 07:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.2	6.2	1	04/08/21 15:45	04/09/21 07:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.2	5.7	1	04/08/21 15:45	04/09/21 07:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.2	3.1	1	04/08/21 15:45	04/09/21 07:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	108-67-8	
Vinyl acetate	ND	ug/kg	112	8.2	1	04/08/21 15:45	04/09/21 07:17	108-05-4	
Vinyl chloride	ND	ug/kg	22.4	5.7	1	04/08/21 15:45	04/09/21 07:17	75-01-4	
Xylene (Total)	ND	ug/kg	22.4	6.4	1	04/08/21 15:45	04/09/21 07:17	1330-20-7	
m&p-Xylene	ND	ug/kg	22.4	7.7	1	04/08/21 15:45	04/09/21 07:17	179601-23-1	
o-Xylene	ND	ug/kg	11.2	5.0	1	04/08/21 15:45	04/09/21 07:17	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 07:17	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 07:17	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 07:17	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**37.3**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	570	209	10	04/10/21 21:37	04/13/21 10:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	570	220	10	04/10/21 21:37	04/13/21 10:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	570	200	10	04/10/21 21:37	04/13/21 10:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	570	108	10	04/10/21 21:37	04/13/21 10:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	570	142	10	04/10/21 21:37	04/13/21 10:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	570	107	10	04/10/21 21:37	04/13/21 10:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	570	136	10	04/10/21 21:37	04/13/21 10:14	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:14	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**3290**	ug/kg	85.8	8.8	5	04/12/21 11:41	04/14/21 14:59	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/12/21 11:41	04/13/21 12:02	321-60-8	
Nitrobenzene-d5 (S)	87	%	32-130		1	04/12/21 11:41	04/13/21 12:02	4165-60-0	
Terphenyl-d14 (S)	71	%	24-130		1	04/12/21 11:41	04/13/21 12:02	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	83-32-9	
Acenaphthylene	**4120**	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	208-96-8	
Aniline	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	62-53-3	
Anthracene	**5930**	ug/kg	2800	918	5	04/10/21 00:07	04/14/21 01:13	120-12-7	
Benzo(a)anthracene	**13700**	ug/kg	2800	935	5	04/10/21 00:07	04/14/21 01:13	56-55-3	
Benzo(b)fluoranthene	**12800**	ug/kg	2800	935	5	04/10/21 00:07	04/14/21 01:13	205-99-2	
Benzo(g,h,i)perylene	**4860**	ug/kg	2800	1090	5	04/10/21 00:07	04/14/21 01:13	191-24-2	
Benzo(k)fluoranthene	**5300**	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	207-08-9	
Benzoic Acid	ND	ug/kg	14000	6030	5	04/10/21 00:07	04/14/21 01:13	65-85-0	
Benzyl alcohol	ND	ug/kg	5610	2120	5	04/10/21 00:07	04/14/21 01:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2800	1180	5	04/10/21 00:07	04/14/21 01:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	5610	1970	5	04/10/21 00:07	04/14/21 01:13	59-50-7	
4-Chloroaniline	ND	ug/kg	5610	2200	5	04/10/21 00:07	04/14/21 01:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2800	1110	5	04/10/21 00:07	04/14/21 01:13	91-58-7	
2-Chlorophenol	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	7005-72-3	
Chrysene	**10300**	ug/kg	2800	1020	5	04/10/21 00:07	04/14/21 01:13	218-01-9	
Dibenz(a,h)anthracene	**1370J**	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	53-70-3	
Dibenzofuran	ND	ug/kg	2800	1010	5	04/10/21 00:07	04/14/21 01:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5610	1900	5	04/10/21 00:07	04/14/21 01:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	2800	1030	5	04/10/21 00:07	04/14/21 01:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	105-67-9	
Dimethylphthalate	ND	ug/kg	2800	1020	5	04/10/21 00:07	04/14/21 01:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2800	943	5	04/10/21 00:07	04/14/21 01:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5610	2620	5	04/10/21 00:07	04/14/21 01:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	14000	8670	5	04/10/21 00:07	04/14/21 01:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	2800	1030	5	04/10/21 00:07	04/14/21 01:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2800	1090	5	04/10/21 00:07	04/14/21 01:13	117-81-7	
Fluoranthene	**26300**	ug/kg	2800	960	5	04/10/21 00:07	04/14/21 01:13	206-44-0	
Fluorene	**1960J**	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2800	1610	5	04/10/21 00:07	04/14/21 01:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	2800	1070	5	04/10/21 00:07	04/14/21 01:13	67-72-1	
Indeno(1,2,3-cd)pyrene	**4840**	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	193-39-5	
Isophorone	ND	ug/kg	2800	1250	5	04/10/21 00:07	04/14/21 01:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2800	1120	5	04/10/21 00:07	04/14/21 01:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2800	1150	5	04/10/21 00:07	04/14/21 01:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2800	1130	5	04/10/21 00:07	04/14/21 01:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	14000	2290	5	04/10/21 00:07	04/14/21 01:13	88-74-4	
3-Nitroaniline	ND	ug/kg	14000	2200	5	04/10/21 00:07	04/14/21 01:13	99-09-2	
4-Nitroaniline	ND	ug/kg	5610	2130	5	04/10/21 00:07	04/14/21 01:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	2800	1300	5	04/10/21 00:07	04/14/21 01:13	98-95-3	
2-Nitrophenol	ND	ug/kg	2800	1220	5	04/10/21 00:07	04/14/21 01:13	88-75-5	
4-Nitrophenol	ND	ug/kg	14000	5420	5	04/10/21 00:07	04/14/21 01:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2800	943	5	04/10/21 00:07	04/14/21 01:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2800	994	5	04/10/21 00:07	04/14/21 01:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2800	1330	5	04/10/21 00:07	04/14/21 01:13	108-60-1	
Pentachlorophenol	ND	ug/kg	5610	2750	5	04/10/21 00:07	04/14/21 01:13	87-86-5	
Phenanthrene	**16800**	ug/kg	2800	918	5	04/10/21 00:07	04/14/21 01:13	85-01-8	
Phenol	ND	ug/kg	2800	1250	5	04/10/21 00:07	04/14/21 01:13	108-95-2	
Pyrene	**18800**	ug/kg	2800	1140	5	04/10/21 00:07	04/14/21 01:13	129-00-0	
Pyridine	ND	ug/kg	2800	884	5	04/10/21 00:07	04/14/21 01:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2800	1280	5	04/10/21 00:07	04/14/21 01:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		5	04/10/21 00:07	04/14/21 01:13	4165-60-0	D3
2-Fluorobiphenyl (S)	62	%	19-130		5	04/10/21 00:07	04/14/21 01:13	321-60-8	
Terphenyl-d14 (S)	48	%	15-130		5	04/10/21 00:07	04/14/21 01:13	1718-51-0	
Phenol-d6 (S)	75	%	18-130		5	04/10/21 00:07	04/14/21 01:13	13127-88-3	
2-Fluorophenol (S)	66	%	18-130		5	04/10/21 00:07	04/14/21 01:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	81	%	18-130		5	04/10/21 00:07	04/14/21 01:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**189J**	ug/kg	273	87.7	1	04/08/21 15:45	04/09/21 07:35	67-64-1	
Benzene	ND	ug/kg	13.7	5.4	1	04/08/21 15:45	04/09/21 07:35	71-43-2	
Bromobenzene	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	108-86-1	
Bromochloromethane	ND	ug/kg	13.7	4.0	1	04/08/21 15:45	04/09/21 07:35	74-97-5	
Bromodichloromethane	ND	ug/kg	13.7	5.3	1	04/08/21 15:45	04/09/21 07:35	75-27-4	
Bromoform	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	75-25-2	
Bromomethane	ND	ug/kg	27.3	21.6	1	04/08/21 15:45	04/09/21 07:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	273	65.6	1	04/08/21 15:45	04/09/21 07:35	78-93-3	
n-Butylbenzene	ND	ug/kg	13.7	6.4	1	04/08/21 15:45	04/09/21 07:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.7	5.1	1	04/08/21 15:45	04/09/21 07:35	56-23-5	
Chlorobenzene	ND	ug/kg	13.7	2.6	1	04/08/21 15:45	04/09/21 07:35	108-90-7	
Chloroethane	ND	ug/kg	27.3	10.5	1	04/08/21 15:45	04/09/21 07:35	75-00-3	
Chloroform	ND	ug/kg	13.7	8.3	1	04/08/21 15:45	04/09/21 07:35	67-66-3	
Chloromethane	ND	ug/kg	27.3	11.5	1	04/08/21 15:45	04/09/21 07:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.7	2.4	1	04/08/21 15:45	04/09/21 07:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.7	5.3	1	04/08/21 15:45	04/09/21 07:35	96-12-8	
Dibromochloromethane	ND	ug/kg	13.7	7.7	1	04/08/21 15:45	04/09/21 07:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	106-93-4	
Dibromomethane	ND	ug/kg	13.7	2.9	1	04/08/21 15:45	04/09/21 07:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.7	4.2	1	04/08/21 15:45	04/09/21 07:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	27.3	5.9	1	04/08/21 15:45	04/09/21 07:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.7	5.6	1	04/08/21 15:45	04/09/21 07:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.7	9.0	1	04/08/21 15:45	04/09/21 07:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.7	5.6	1	04/08/21 15:45	04/09/21 07:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.7	4.7	1	04/08/21 15:45	04/09/21 07:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.7	4.1	1	04/08/21 15:45	04/09/21 07:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.7	4.3	1	04/08/21 15:45	04/09/21 07:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.7	6.6	1	04/08/21 15:45	04/09/21 07:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.7	4.7	1	04/08/21 15:45	04/09/21 07:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	108-20-3	
Ethylbenzene	ND	ug/kg	13.7	6.4	1	04/08/21 15:45	04/09/21 07:35	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	27.3	22.4	1	04/08/21 15:45	04/09/21 07:35	87-68-3	
2-Hexanone	ND	ug/kg	137	13.2	1	04/08/21 15:45	04/09/21 07:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.7	4.6	1	04/08/21 15:45	04/09/21 07:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.7	6.7	1	04/08/21 15:45	04/09/21 07:35	99-87-6	
Methylene Chloride	ND	ug/kg	54.7	37.4	1	04/08/21 15:45	04/09/21 07:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	137	13.2	1	04/08/21 15:45	04/09/21 07:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.7	5.1	1	04/08/21 15:45	04/09/21 07:35	1634-04-4	
Naphthalene	**60.1**	ug/kg	13.7	7.2	1	04/08/21 15:45	04/09/21 07:35	91-20-3	
n-Propylbenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	103-65-1	
Styrene	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.7	5.2	1	04/08/21 15:45	04/09/21 07:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	79-34-5	
Tetrachloroethene	ND	ug/kg	13.7	4.3	1	04/08/21 15:45	04/09/21 07:35	127-18-4	
Toluene	**9.6J**	ug/kg	13.7	3.9	1	04/08/21 15:45	04/09/21 07:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.7	11.0	1	04/08/21 15:45	04/09/21 07:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.7	11.5	1	04/08/21 15:45	04/09/21 07:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.7	7.1	1	04/08/21 15:45	04/09/21 07:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	79-00-5	
Trichloroethene	ND	ug/kg	13.7	3.5	1	04/08/21 15:45	04/09/21 07:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.7	7.5	1	04/08/21 15:45	04/09/21 07:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.7	6.9	1	04/08/21 15:45	04/09/21 07:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.7	4.6	1	04/08/21 15:45	04/09/21 07:35	108-67-8	
Vinyl acetate	ND	ug/kg	137	9.9	1	04/08/21 15:45	04/09/21 07:35	108-05-4	
Vinyl chloride	ND	ug/kg	27.3	6.9	1	04/08/21 15:45	04/09/21 07:35	75-01-4	
Xylene (Total)	**11.8J**	ug/kg	27.3	7.8	1	04/08/21 15:45	04/09/21 07:35	1330-20-7	
m&p-Xylene	**11.8J**	ug/kg	27.3	9.3	1	04/08/21 15:45	04/09/21 07:35	179601-23-1	
o-Xylene	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 07:35	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 07:35	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130		1	04/08/21 15:45	04/09/21 07:35	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**41.9**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	50.7	18.6	1	04/10/21 21:37	04/12/21 12:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	50.7	19.6	1	04/10/21 21:37	04/12/21 12:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	50.7	17.8	1	04/10/21 21:37	04/12/21 12:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	50.7	9.6	1	04/10/21 21:37	04/12/21 12:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	50.7	12.7	1	04/10/21 21:37	04/12/21 12:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	50.7	9.5	1	04/10/21 21:37	04/12/21 12:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	50.7	12.1	1	04/10/21 21:37	04/12/21 12:46	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	69	%	10-160		1	04/10/21 21:37	04/12/21 12:46	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**182**	ug/kg	15.1	1.6	1	04/12/21 11:41	04/13/21 12:24	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	91	%	31-130		1	04/12/21 11:41	04/13/21 12:24	321-60-8	
Nitrobenzene-d5 (S)	71	%	32-130		1	04/12/21 11:41	04/13/21 12:24	4165-60-0	
Terphenyl-d14 (S)	78	%	24-130		1	04/12/21 11:41	04/13/21 12:24	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	83-32-9	
Acenaphthylene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	208-96-8	
Aniline	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	62-53-3	
Anthracene	ND	ug/kg	502	164	1	04/10/21 00:07	04/13/21 20:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	502	167	1	04/10/21 00:07	04/13/21 20:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	502	167	1	04/10/21 00:07	04/13/21 20:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	502	195	1	04/10/21 00:07	04/13/21 20:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	207-08-9	
Benzoic Acid	ND	ug/kg	2510	1080	1	04/10/21 00:07	04/13/21 20:42	65-85-0	
Benzyl alcohol	ND	ug/kg	1000	380	1	04/10/21 00:07	04/13/21 20:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	502	211	1	04/10/21 00:07	04/13/21 20:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1000	353	1	04/10/21 00:07	04/13/21 20:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1000	394	1	04/10/21 00:07	04/13/21 20:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	502	208	1	04/10/21 00:07	04/13/21 20:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	502	199	1	04/10/21 00:07	04/13/21 20:42	91-58-7	
2-Chlorophenol	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	502	187	1	04/10/21 00:07	04/13/21 20:42	7005-72-3	
Chrysene	ND	ug/kg	502	183	1	04/10/21 00:07	04/13/21 20:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	53-70-3	
Dibenzofuran	ND	ug/kg	502	181	1	04/10/21 00:07	04/13/21 20:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1000	339	1	04/10/21 00:07	04/13/21 20:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	502	184	1	04/10/21 00:07	04/13/21 20:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	502	208	1	04/10/21 00:07	04/13/21 20:42	105-67-9	
Dimethylphthalate	ND	ug/kg	502	183	1	04/10/21 00:07	04/13/21 20:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	502	169	1	04/10/21 00:07	04/13/21 20:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1000	469	1	04/10/21 00:07	04/13/21 20:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2510	1550	1	04/10/21 00:07	04/13/21 20:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	502	184	1	04/10/21 00:07	04/13/21 20:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	502	198	1	04/10/21 00:07	04/13/21 20:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	502	195	1	04/10/21 00:07	04/13/21 20:42	117-81-7	
Fluoranthene	ND	ug/kg	502	172	1	04/10/21 00:07	04/13/21 20:42	206-44-0	
Fluorene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	502	288	1	04/10/21 00:07	04/13/21 20:42	77-47-4	v2
Hexachloroethane	ND	ug/kg	502	192	1	04/10/21 00:07	04/13/21 20:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	502	198	1	04/10/21 00:07	04/13/21 20:42	193-39-5	
Isophorone	ND	ug/kg	502	224	1	04/10/21 00:07	04/13/21 20:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	502	201	1	04/10/21 00:07	04/13/21 20:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	502	205	1	04/10/21 00:07	04/13/21 20:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	502	202	1	04/10/21 00:07	04/13/21 20:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	2510	411	1	04/10/21 00:07	04/13/21 20:42	88-74-4	
3-Nitroaniline	ND	ug/kg	2510	394	1	04/10/21 00:07	04/13/21 20:42	99-09-2	
4-Nitroaniline	ND	ug/kg	1000	382	1	04/10/21 00:07	04/13/21 20:42	100-01-6	v1
Nitrobenzene	ND	ug/kg	502	233	1	04/10/21 00:07	04/13/21 20:42	98-95-3	
2-Nitrophenol	ND	ug/kg	502	218	1	04/10/21 00:07	04/13/21 20:42	88-75-5	
4-Nitrophenol	ND	ug/kg	2510	971	1	04/10/21 00:07	04/13/21 20:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	502	169	1	04/10/21 00:07	04/13/21 20:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	502	178	1	04/10/21 00:07	04/13/21 20:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	502	239	1	04/10/21 00:07	04/13/21 20:42	108-60-1	
Pentachlorophenol	ND	ug/kg	1000	491	1	04/10/21 00:07	04/13/21 20:42	87-86-5	
Phenanthrene	ND	ug/kg	502	164	1	04/10/21 00:07	04/13/21 20:42	85-01-8	
Phenol	ND	ug/kg	502	224	1	04/10/21 00:07	04/13/21 20:42	108-95-2	
Pyrene	ND	ug/kg	502	204	1	04/10/21 00:07	04/13/21 20:42	129-00-0	
Pyridine	ND	ug/kg	502	158	1	04/10/21 00:07	04/13/21 20:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	502	230	1	04/10/21 00:07	04/13/21 20:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	502	207	1	04/10/21 00:07	04/13/21 20:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/10/21 00:07	04/13/21 20:42	4165-60-0	
2-Fluorobiphenyl (S)	73	%	19-130		1	04/10/21 00:07	04/13/21 20:42	321-60-8	
Terphenyl-d14 (S)	60	%	15-130		1	04/10/21 00:07	04/13/21 20:42	1718-51-0	
Phenol-d6 (S)	83	%	18-130		1	04/10/21 00:07	04/13/21 20:42	13127-88-3	
2-Fluorophenol (S)	77	%	18-130		1	04/10/21 00:07	04/13/21 20:42	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	85	%	18-130		1	04/10/21 00:07	04/13/21 20:42	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	187	60.2	1	04/08/21 15:45	04/09/21 07:53	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/08/21 15:45	04/09/21 07:53	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/08/21 15:45	04/09/21 07:53	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/08/21 15:45	04/09/21 07:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	45.0	1	04/08/21 15:45	04/09/21 07:53	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/08/21 15:45	04/09/21 07:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/08/21 15:45	04/09/21 07:53	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/08/21 15:45	04/09/21 07:53	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/08/21 15:45	04/09/21 07:53	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/08/21 15:45	04/09/21 07:53	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/08/21 15:45	04/09/21 07:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/08/21 15:45	04/09/21 07:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/08/21 15:45	04/09/21 07:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/08/21 15:45	04/09/21 07:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/08/21 15:45	04/09/21 07:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/08/21 15:45	04/09/21 07:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/08/21 15:45	04/09/21 07:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/08/21 15:45	04/09/21 07:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/08/21 15:45	04/09/21 07:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/08/21 15:45	04/09/21 07:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/08/21 15:45	04/09/21 07:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/08/21 15:45	04/09/21 07:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/08/21 15:45	04/09/21 07:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/08/21 15:45	04/09/21 07:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/08/21 15:45	04/09/21 07:53	100-41-4	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/08/21 15:45	04/09/21 07:53	87-68-3	
2-Hexanone	ND	ug/kg	93.7	9.0	1	04/08/21 15:45	04/09/21 07:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/08/21 15:45	04/09/21 07:53	99-87-6	
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/08/21 15:45	04/09/21 07:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.7	9.0	1	04/08/21 15:45	04/09/21 07:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/08/21 15:45	04/09/21 07:53	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/08/21 15:45	04/09/21 07:53	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/08/21 15:45	04/09/21 07:53	127-18-4	
Toluene	ND	ug/kg	9.4	2.7	1	04/08/21 15:45	04/09/21 07:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/08/21 15:45	04/09/21 07:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/08/21 15:45	04/09/21 07:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/08/21 15:45	04/09/21 07:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/08/21 15:45	04/09/21 07:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/08/21 15:45	04/09/21 07:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/08/21 15:45	04/09/21 07:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/08/21 15:45	04/09/21 07:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	108-67-8	
Vinyl acetate	ND	ug/kg	93.7	6.8	1	04/08/21 15:45	04/09/21 07:53	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/08/21 15:45	04/09/21 07:53	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/08/21 15:45	04/09/21 07:53	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/08/21 15:45	04/09/21 07:53	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 07:53	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 07:53	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 07:53	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**34.3**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	60.6	22.2	1	04/10/21 21:37	04/13/21 10:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	60.6	23.4	1	04/10/21 21:37	04/13/21 10:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	60.6	21.2	1	04/10/21 21:37	04/13/21 10:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	60.6	11.4	1	04/10/21 21:37	04/13/21 10:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	60.6	15.1	1	04/10/21 21:37	04/13/21 10:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	60.6	11.4	1	04/10/21 21:37	04/13/21 10:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	60.6	14.5	1	04/10/21 21:37	04/13/21 10:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	60	%	10-160		1	04/10/21 21:37	04/13/21 10:21	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**16.0J**	ug/kg	17.9	1.8	1	04/12/21 11:41	04/13/21 12:46	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/12/21 11:41	04/13/21 12:46	321-60-8	
Nitrobenzene-d5 (S)	66	%	32-130		1	04/12/21 11:41	04/13/21 12:46	4165-60-0	
Terphenyl-d14 (S)	58	%	24-130		1	04/12/21 11:41	04/13/21 12:46	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	83-32-9	
Acenaphthylene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	208-96-8	
Aniline	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	62-53-3	
Anthracene	ND	ug/kg	596	195	1	04/10/21 00:07	04/13/21 21:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	596	199	1	04/10/21 00:07	04/13/21 21:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	596	199	1	04/10/21 00:07	04/13/21 21:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	596	231	1	04/10/21 00:07	04/13/21 21:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	207-08-9	
Benzoic Acid	ND	ug/kg	2980	1280	1	04/10/21 00:07	04/13/21 21:13	65-85-0	
Benzyl alcohol	ND	ug/kg	1190	452	1	04/10/21 00:07	04/13/21 21:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	596	251	1	04/10/21 00:07	04/13/21 21:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1190	419	1	04/10/21 00:07	04/13/21 21:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1190	468	1	04/10/21 00:07	04/13/21 21:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	596	247	1	04/10/21 00:07	04/13/21 21:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	596	237	1	04/10/21 00:07	04/13/21 21:13	91-58-7	
2-Chlorophenol	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	596	222	1	04/10/21 00:07	04/13/21 21:13	7005-72-3	
Chrysene	ND	ug/kg	596	217	1	04/10/21 00:07	04/13/21 21:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	53-70-3	
Dibenzofuran	ND	ug/kg	596	215	1	04/10/21 00:07	04/13/21 21:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1190	403	1	04/10/21 00:07	04/13/21 21:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	596	219	1	04/10/21 00:07	04/13/21 21:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	596	247	1	04/10/21 00:07	04/13/21 21:13	105-67-9	
Dimethylphthalate	ND	ug/kg	596	217	1	04/10/21 00:07	04/13/21 21:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	596	200	1	04/10/21 00:07	04/13/21 21:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1190	556	1	04/10/21 00:07	04/13/21 21:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2980	1840	1	04/10/21 00:07	04/13/21 21:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	596	219	1	04/10/21 00:07	04/13/21 21:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	596	235	1	04/10/21 00:07	04/13/21 21:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	596	231	1	04/10/21 00:07	04/13/21 21:13	117-81-7	
Fluoranthene	ND	ug/kg	596	204	1	04/10/21 00:07	04/13/21 21:13	206-44-0	
Fluorene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	596	341	1	04/10/21 00:07	04/13/21 21:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	596	228	1	04/10/21 00:07	04/13/21 21:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	596	235	1	04/10/21 00:07	04/13/21 21:13	193-39-5	
Isophorone	ND	ug/kg	596	266	1	04/10/21 00:07	04/13/21 21:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	596	238	1	04/10/21 00:07	04/13/21 21:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	596	244	1	04/10/21 00:07	04/13/21 21:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	596	240	1	04/10/21 00:07	04/13/21 21:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2980	488	1	04/10/21 00:07	04/13/21 21:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2980	468	1	04/10/21 00:07	04/13/21 21:13	99-09-2	
4-Nitroaniline	ND	ug/kg	1190	453	1	04/10/21 00:07	04/13/21 21:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	596	276	1	04/10/21 00:07	04/13/21 21:13	98-95-3	
2-Nitrophenol	ND	ug/kg	596	258	1	04/10/21 00:07	04/13/21 21:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2980	1150	1	04/10/21 00:07	04/13/21 21:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	596	200	1	04/10/21 00:07	04/13/21 21:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	596	211	1	04/10/21 00:07	04/13/21 21:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	596	284	1	04/10/21 00:07	04/13/21 21:13	108-60-1	
Pentachlorophenol	ND	ug/kg	1190	583	1	04/10/21 00:07	04/13/21 21:13	87-86-5	
Phenanthrene	ND	ug/kg	596	195	1	04/10/21 00:07	04/13/21 21:13	85-01-8	
Phenol	ND	ug/kg	596	266	1	04/10/21 00:07	04/13/21 21:13	108-95-2	
Pyrene	ND	ug/kg	596	242	1	04/10/21 00:07	04/13/21 21:13	129-00-0	
Pyridine	ND	ug/kg	596	188	1	04/10/21 00:07	04/13/21 21:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	596	273	1	04/10/21 00:07	04/13/21 21:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	596	246	1	04/10/21 00:07	04/13/21 21:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	21-130		1	04/10/21 00:07	04/13/21 21:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	04/10/21 00:07	04/13/21 21:13	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	04/10/21 00:07	04/13/21 21:13	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/10/21 00:07	04/13/21 21:13	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		1	04/10/21 00:07	04/13/21 21:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/10/21 00:07	04/13/21 21:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**127J**	ug/kg	256	82.1	1	04/08/21 15:45	04/09/21 08:11	67-64-1	
Benzene	ND	ug/kg	12.8	5.1	1	04/08/21 15:45	04/09/21 08:11	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/08/21 15:45	04/09/21 08:11	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/08/21 15:45	04/09/21 08:11	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.2	1	04/08/21 15:45	04/09/21 08:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	256	61.4	1	04/08/21 15:45	04/09/21 08:11	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/08/21 15:45	04/09/21 08:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/08/21 15:45	04/09/21 08:11	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/08/21 15:45	04/09/21 08:11	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	04/08/21 15:45	04/09/21 08:11	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/08/21 15:45	04/09/21 08:11	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.7	1	04/08/21 15:45	04/09/21 08:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/08/21 15:45	04/09/21 08:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/08/21 15:45	04/09/21 08:11	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/08/21 15:45	04/09/21 08:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/08/21 15:45	04/09/21 08:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/08/21 15:45	04/09/21 08:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.5	1	04/08/21 15:45	04/09/21 08:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/08/21 15:45	04/09/21 08:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/08/21 15:45	04/09/21 08:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/08/21 15:45	04/09/21 08:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/08/21 15:45	04/09/21 08:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/08/21 15:45	04/09/21 08:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.1	1	04/08/21 15:45	04/09/21 08:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/08/21 15:45	04/09/21 08:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	108-20-3	
Ethylbenzene	**6.4J**	ug/kg	12.8	6.0	1	04/08/21 15:45	04/09/21 08:11	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	20.9	1	04/08/21 15:45	04/09/21 08:11	87-68-3	
2-Hexanone	ND	ug/kg	128	12.3	1	04/08/21 15:45	04/09/21 08:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.3	1	04/08/21 15:45	04/09/21 08:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.8	6.3	1	04/08/21 15:45	04/09/21 08:11	99-87-6	
Methylene Chloride	ND	ug/kg	51.1	35.0	1	04/08/21 15:45	04/09/21 08:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.3	1	04/08/21 15:45	04/09/21 08:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/08/21 15:45	04/09/21 08:11	1634-04-4	
Naphthalene	**30.0**	ug/kg	12.8	6.7	1	04/08/21 15:45	04/09/21 08:11	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/08/21 15:45	04/09/21 08:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/08/21 15:45	04/09/21 08:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/08/21 15:45	04/09/21 08:11	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	127-18-4	
Toluene	**10.1J**	ug/kg	12.8	3.6	1	04/08/21 15:45	04/09/21 08:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.3	1	04/08/21 15:45	04/09/21 08:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.7	1	04/08/21 15:45	04/09/21 08:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.6	1	04/08/21 15:45	04/09/21 08:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/08/21 15:45	04/09/21 08:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/08/21 15:45	04/09/21 08:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/08/21 15:45	04/09/21 08:11	96-18-4	
1,2,4-Trimethylbenzene	**8.6J**	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	12.8	4.3	1	04/08/21 15:45	04/09/21 08:11	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/08/21 15:45	04/09/21 08:11	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	04/08/21 15:45	04/09/21 08:11	75-01-4	
Xylene (Total)	**24.5J**	ug/kg	25.6	7.3	1	04/08/21 15:45	04/09/21 08:11	1330-20-7	
m&p-Xylene	**16.6J**	ug/kg	25.6	8.7	1	04/08/21 15:45	04/09/21 08:11	179601-23-1	
o-Xylene	**7.9J**	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 08:11	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/08/21 15:45	04/09/21 08:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 08:11	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**45.0**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.1	19.4	1	04/10/21 21:37	04/13/21 10:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.1	20.5	1	04/10/21 21:37	04/13/21 10:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.1	18.6	1	04/10/21 21:37	04/13/21 10:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.1	10.0	1	04/10/21 21:37	04/13/21 10:28	53469-21-9	
PCB-1248 (Aroclor 1248)	**123**	ug/kg	53.1	13.2	1	04/10/21 21:37	04/13/21 10:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.1	10	1	04/10/21 21:37	04/13/21 10:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.1	12.7	1	04/10/21 21:37	04/13/21 10:28	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	98	%	10-160		1	04/10/21 21:37	04/13/21 10:28	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/kg	16.2	1.7	1	04/12/21 11:41	04/13/21 13:08	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-130		1	04/12/21 11:41	04/13/21 13:08	321-60-8	
Nitrobenzene-d5 (S)	38	%	32-130		1	04/12/21 11:41	04/13/21 13:08	4165-60-0	
Terphenyl-d14 (S)	64	%	24-130		1	04/12/21 11:41	04/13/21 13:08	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	83-32-9	
Acenaphthylene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	208-96-8	
Aniline	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	62-53-3	
Anthracene	ND	ug/kg	545	178	1	04/10/21 00:07	04/13/21 21:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	545	182	1	04/10/21 00:07	04/13/21 21:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	545	182	1	04/10/21 00:07	04/13/21 21:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	545	211	1	04/10/21 00:07	04/13/21 21:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	207-08-9	
Benzoic Acid	ND	ug/kg	2720	1170	1	04/10/21 00:07	04/13/21 21:42	65-85-0	
Benzyl alcohol	ND	ug/kg	1090	413	1	04/10/21 00:07	04/13/21 21:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	545	230	1	04/10/21 00:07	04/13/21 21:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1090	383	1	04/10/21 00:07	04/13/21 21:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1090	428	1	04/10/21 00:07	04/13/21 21:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	545	226	1	04/10/21 00:07	04/13/21 21:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	545	216	1	04/10/21 00:07	04/13/21 21:42	91-58-7	
2-Chlorophenol	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	545	203	1	04/10/21 00:07	04/13/21 21:42	7005-72-3	
Chrysene	ND	ug/kg	545	198	1	04/10/21 00:07	04/13/21 21:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	53-70-3	
Dibenzofuran	ND	ug/kg	545	197	1	04/10/21 00:07	04/13/21 21:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1090	368	1	04/10/21 00:07	04/13/21 21:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	545	200	1	04/10/21 00:07	04/13/21 21:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	545	226	1	04/10/21 00:07	04/13/21 21:42	105-67-9	
Dimethylphthalate	ND	ug/kg	545	198	1	04/10/21 00:07	04/13/21 21:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	545	183	1	04/10/21 00:07	04/13/21 21:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1090	509	1	04/10/21 00:07	04/13/21 21:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2720	1680	1	04/10/21 00:07	04/13/21 21:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	545	200	1	04/10/21 00:07	04/13/21 21:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	545	215	1	04/10/21 00:07	04/13/21 21:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	545	211	1	04/10/21 00:07	04/13/21 21:42	117-81-7	
Fluoranthene	ND	ug/kg	545	187	1	04/10/21 00:07	04/13/21 21:42	206-44-0	
Fluorene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	545	312	1	04/10/21 00:07	04/13/21 21:42	77-47-4	v2
Hexachloroethane	ND	ug/kg	545	208	1	04/10/21 00:07	04/13/21 21:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	545	215	1	04/10/21 00:07	04/13/21 21:42	193-39-5	
Isophorone	ND	ug/kg	545	243	1	04/10/21 00:07	04/13/21 21:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	545	218	1	04/10/21 00:07	04/13/21 21:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	545	223	1	04/10/21 00:07	04/13/21 21:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	545	220	1	04/10/21 00:07	04/13/21 21:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	2720	446	1	04/10/21 00:07	04/13/21 21:42	88-74-4	
3-Nitroaniline	ND	ug/kg	2720	428	1	04/10/21 00:07	04/13/21 21:42	99-09-2	
4-Nitroaniline	ND	ug/kg	1090	414	1	04/10/21 00:07	04/13/21 21:42	100-01-6	v1
Nitrobenzene	ND	ug/kg	545	253	1	04/10/21 00:07	04/13/21 21:42	98-95-3	
2-Nitrophenol	ND	ug/kg	545	236	1	04/10/21 00:07	04/13/21 21:42	88-75-5	
4-Nitrophenol	ND	ug/kg	2720	1050	1	04/10/21 00:07	04/13/21 21:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	545	183	1	04/10/21 00:07	04/13/21 21:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	545	193	1	04/10/21 00:07	04/13/21 21:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	545	259	1	04/10/21 00:07	04/13/21 21:42	108-60-1	
Pentachlorophenol	ND	ug/kg	1090	533	1	04/10/21 00:07	04/13/21 21:42	87-86-5	
Phenanthrene	ND	ug/kg	545	178	1	04/10/21 00:07	04/13/21 21:42	85-01-8	
Phenol	ND	ug/kg	545	243	1	04/10/21 00:07	04/13/21 21:42	108-95-2	
Pyrene	ND	ug/kg	545	221	1	04/10/21 00:07	04/13/21 21:42	129-00-0	
Pyridine	ND	ug/kg	545	172	1	04/10/21 00:07	04/13/21 21:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	545	249	1	04/10/21 00:07	04/13/21 21:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	545	225	1	04/10/21 00:07	04/13/21 21:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	35	%	21-130		1	04/10/21 00:07	04/13/21 21:42	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/10/21 00:07	04/13/21 21:42	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/10/21 00:07	04/13/21 21:42	1718-51-0	
Phenol-d6 (S)	36	%	18-130		1	04/10/21 00:07	04/13/21 21:42	13127-88-3	
2-Fluorophenol (S)	33	%	18-130		1	04/10/21 00:07	04/13/21 21:42	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	54	%	18-130		1	04/10/21 00:07	04/13/21 21:42	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	208	66.8	1	04/08/21 15:45	04/09/21 08:29	67-64-1	
Benzene	ND	ug/kg	10.4	4.1	1	04/08/21 15:45	04/09/21 08:29	71-43-2	
Bromobenzene	ND	ug/kg	10.4	3.4	1	04/08/21 15:45	04/09/21 08:29	108-86-1	
Bromochloromethane	ND	ug/kg	10.4	3.1	1	04/08/21 15:45	04/09/21 08:29	74-97-5	
Bromodichloromethane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	75-27-4	
Bromoform	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	75-25-2	
Bromomethane	ND	ug/kg	20.8	16.4	1	04/08/21 15:45	04/09/21 08:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	208	50.0	1	04/08/21 15:45	04/09/21 08:29	78-93-3	
n-Butylbenzene	ND	ug/kg	10.4	4.9	1	04/08/21 15:45	04/09/21 08:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	10.4	3.9	1	04/08/21 15:45	04/09/21 08:29	56-23-5	
Chlorobenzene	ND	ug/kg	10.4	2.0	1	04/08/21 15:45	04/09/21 08:29	108-90-7	
Chloroethane	ND	ug/kg	20.8	8.0	1	04/08/21 15:45	04/09/21 08:29	75-00-3	
Chloroform	ND	ug/kg	10.4	6.3	1	04/08/21 15:45	04/09/21 08:29	67-66-3	
Chloromethane	ND	ug/kg	20.8	8.7	1	04/08/21 15:45	04/09/21 08:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.4	1.8	1	04/08/21 15:45	04/09/21 08:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	96-12-8	
Dibromochloromethane	ND	ug/kg	10.4	5.8	1	04/08/21 15:45	04/09/21 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	106-93-4	
Dibromomethane	ND	ug/kg	10.4	2.2	1	04/08/21 15:45	04/09/21 08:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.4	3.2	1	04/08/21 15:45	04/09/21 08:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.8	4.5	1	04/08/21 15:45	04/09/21 08:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.4	4.3	1	04/08/21 15:45	04/09/21 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.4	6.9	1	04/08/21 15:45	04/09/21 08:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.4	4.3	1	04/08/21 15:45	04/09/21 08:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.4	3.1	1	04/08/21 15:45	04/09/21 08:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.4	3.2	1	04/08/21 15:45	04/09/21 08:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.4	3.4	1	04/08/21 15:45	04/09/21 08:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.4	5.0	1	04/08/21 15:45	04/09/21 08:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.4	2.8	1	04/08/21 15:45	04/09/21 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	10.4	2.8	1	04/08/21 15:45	04/09/21 08:29	108-20-3	
Ethylbenzene	ND	ug/kg	10.4	4.8	1	04/08/21 15:45	04/09/21 08:29	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	20.8	17.0	1	04/08/21 15:45	04/09/21 08:29	87-68-3	
2-Hexanone	ND	ug/kg	104	10.0	1	04/08/21 15:45	04/09/21 08:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10.4	5.1	1	04/08/21 15:45	04/09/21 08:29	99-87-6	
Methylene Chloride	ND	ug/kg	41.6	28.5	1	04/08/21 15:45	04/09/21 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	104	10.0	1	04/08/21 15:45	04/09/21 08:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.4	3.9	1	04/08/21 15:45	04/09/21 08:29	1634-04-4	
Naphthalene	ND	ug/kg	10.4	5.5	1	04/08/21 15:45	04/09/21 08:29	91-20-3	
n-Propylbenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	103-65-1	
Styrene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	79-34-5	
Tetrachloroethene	ND	ug/kg	10.4	3.3	1	04/08/21 15:45	04/09/21 08:29	127-18-4	
Toluene	ND	ug/kg	10.4	3.0	1	04/08/21 15:45	04/09/21 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.4	8.4	1	04/08/21 15:45	04/09/21 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.4	8.7	1	04/08/21 15:45	04/09/21 08:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.4	5.4	1	04/08/21 15:45	04/09/21 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	79-00-5	
Trichloroethene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.4	5.7	1	04/08/21 15:45	04/09/21 08:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.4	5.3	1	04/08/21 15:45	04/09/21 08:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10.4	2.9	1	04/08/21 15:45	04/09/21 08:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	108-67-8	
Vinyl acetate	ND	ug/kg	104	7.6	1	04/08/21 15:45	04/09/21 08:29	108-05-4	
Vinyl chloride	ND	ug/kg	20.8	5.3	1	04/08/21 15:45	04/09/21 08:29	75-01-4	
Xylene (Total)	ND	ug/kg	20.8	5.9	1	04/08/21 15:45	04/09/21 08:29	1330-20-7	
m&p-Xylene	ND	ug/kg	20.8	7.1	1	04/08/21 15:45	04/09/21 08:29	179601-23-1	
o-Xylene	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 08:29	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 08:29	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 08:29	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**38.8**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	217	79.5	2	04/10/21 21:37	04/13/21 10:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	217	83.8	2	04/10/21 21:37	04/13/21 10:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	217	76.1	2	04/10/21 21:37	04/13/21 10:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	217	41.0	2	04/10/21 21:37	04/13/21 10:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	217	54.3	2	04/10/21 21:37	04/13/21 10:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	217	40.9	2	04/10/21 21:37	04/13/21 10:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	217	52.0	2	04/10/21 21:37	04/13/21 10:36	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	74	%	10-160		2	04/10/21 21:37	04/13/21 10:36	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**16.9J**	ug/kg	32.7	3.4	1	04/14/21 13:03	04/14/21 16:05	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	32	%	31-130		1	04/14/21 13:03	04/14/21 16:05	321-60-8	
Nitrobenzene-d5 (S)	34	%	32-130		1	04/14/21 13:03	04/14/21 16:05	4165-60-0	
Terphenyl-d14 (S)	37	%	24-130		1	04/14/21 13:03	04/14/21 16:05	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	83-32-9	
Acenaphthylene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	208-96-8	
Aniline	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	62-53-3	
Anthracene	ND	ug/kg	1060	347	1	04/10/21 00:07	04/13/21 22:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	1060	354	1	04/10/21 00:07	04/13/21 22:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	1060	354	1	04/10/21 00:07	04/13/21 22:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	1060	412	1	04/10/21 00:07	04/13/21 22:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	207-08-9	
Benzoic Acid	ND	ug/kg	5310	2280	1	04/10/21 00:07	04/13/21 22:13	65-85-0	
Benzyl alcohol	ND	ug/kg	2120	804	1	04/10/21 00:07	04/13/21 22:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1060	447	1	04/10/21 00:07	04/13/21 22:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	2120	746	1	04/10/21 00:07	04/13/21 22:13	59-50-7	
4-Chloroaniline	ND	ug/kg	2120	833	1	04/10/21 00:07	04/13/21 22:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1060	441	1	04/10/21 00:07	04/13/21 22:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	1060	421	1	04/10/21 00:07	04/13/21 22:13	91-58-7	
2-Chlorophenol	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1060	396	1	04/10/21 00:07	04/13/21 22:13	7005-72-3	
Chrysene	ND	ug/kg	1060	386	1	04/10/21 00:07	04/13/21 22:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	53-70-3	
Dibenzofuran	ND	ug/kg	1060	383	1	04/10/21 00:07	04/13/21 22:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	2120	717	1	04/10/21 00:07	04/13/21 22:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	1060	389	1	04/10/21 00:07	04/13/21 22:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1060	441	1	04/10/21 00:07	04/13/21 22:13	105-67-9	
Dimethylphthalate	ND	ug/kg	1060	386	1	04/10/21 00:07	04/13/21 22:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1060	357	1	04/10/21 00:07	04/13/21 22:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2120	991	1	04/10/21 00:07	04/13/21 22:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	5310	3280	1	04/10/21 00:07	04/13/21 22:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	1060	389	1	04/10/21 00:07	04/13/21 22:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1060	418	1	04/10/21 00:07	04/13/21 22:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1060	412	1	04/10/21 00:07	04/13/21 22:13	117-81-7	
Fluoranthene	ND	ug/kg	1060	363	1	04/10/21 00:07	04/13/21 22:13	206-44-0	
Fluorene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1060	608	1	04/10/21 00:07	04/13/21 22:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	1060	405	1	04/10/21 00:07	04/13/21 22:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1060	418	1	04/10/21 00:07	04/13/21 22:13	193-39-5	
Isophorone	ND	ug/kg	1060	473	1	04/10/21 00:07	04/13/21 22:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	1060	425	1	04/10/21 00:07	04/13/21 22:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1060	434	1	04/10/21 00:07	04/13/21 22:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1060	428	1	04/10/21 00:07	04/13/21 22:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	5310	868	1	04/10/21 00:07	04/13/21 22:13	88-74-4	
3-Nitroaniline	ND	ug/kg	5310	833	1	04/10/21 00:07	04/13/21 22:13	99-09-2	
4-Nitroaniline	ND	ug/kg	2120	807	1	04/10/21 00:07	04/13/21 22:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	1060	492	1	04/10/21 00:07	04/13/21 22:13	98-95-3	
2-Nitrophenol	ND	ug/kg	1060	460	1	04/10/21 00:07	04/13/21 22:13	88-75-5	
4-Nitrophenol	ND	ug/kg	5310	2050	1	04/10/21 00:07	04/13/21 22:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	1060	357	1	04/10/21 00:07	04/13/21 22:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1060	376	1	04/10/21 00:07	04/13/21 22:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	1060	505	1	04/10/21 00:07	04/13/21 22:13	108-60-1	
Pentachlorophenol	ND	ug/kg	2120	1040	1	04/10/21 00:07	04/13/21 22:13	87-86-5	
Phenanthrene	ND	ug/kg	1060	347	1	04/10/21 00:07	04/13/21 22:13	85-01-8	
Phenol	ND	ug/kg	1060	473	1	04/10/21 00:07	04/13/21 22:13	108-95-2	
Pyrene	ND	ug/kg	1060	431	1	04/10/21 00:07	04/13/21 22:13	129-00-0	
Pyridine	ND	ug/kg	1060	335	1	04/10/21 00:07	04/13/21 22:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	1060	486	1	04/10/21 00:07	04/13/21 22:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1060	437	1	04/10/21 00:07	04/13/21 22:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	21-130		1	04/10/21 00:07	04/13/21 22:13	4165-60-0	
2-Fluorobiphenyl (S)	24	%	19-130		1	04/10/21 00:07	04/13/21 22:13	321-60-8	
Terphenyl-d14 (S)	16	%	15-130		1	04/10/21 00:07	04/13/21 22:13	1718-51-0	
Phenol-d6 (S)	64	%	18-130		1	04/10/21 00:07	04/13/21 22:13	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/10/21 00:07	04/13/21 22:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/10/21 00:07	04/13/21 22:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**880**	ug/kg	688	221	1	04/08/21 15:45	04/09/21 08:47	67-64-1	
Benzene	ND	ug/kg	34.4	13.7	1	04/08/21 15:45	04/09/21 08:47	71-43-2	
Bromobenzene	ND	ug/kg	34.4	11.2	1	04/08/21 15:45	04/09/21 08:47	108-86-1	
Bromochloromethane	ND	ug/kg	34.4	10.2	1	04/08/21 15:45	04/09/21 08:47	74-97-5	
Bromodichloromethane	ND	ug/kg	34.4	13.3	1	04/08/21 15:45	04/09/21 08:47	75-27-4	
Bromoform	ND	ug/kg	34.4	12.1	1	04/08/21 15:45	04/09/21 08:47	75-25-2	
Bromomethane	ND	ug/kg	68.8	54.3	1	04/08/21 15:45	04/09/21 08:47	74-83-9	
2-Butanone (MEK)	**365J**	ug/kg	688	165	1	04/08/21 15:45	04/09/21 08:47	78-93-3	
n-Butylbenzene	ND	ug/kg	34.4	16.2	1	04/08/21 15:45	04/09/21 08:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	34.4	15.1	1	04/08/21 15:45	04/09/21 08:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	34.4	12.9	1	04/08/21 15:45	04/09/21 08:47	56-23-5	
Chlorobenzene	ND	ug/kg	34.4	6.6	1	04/08/21 15:45	04/09/21 08:47	108-90-7	
Chloroethane	ND	ug/kg	68.8	26.5	1	04/08/21 15:45	04/09/21 08:47	75-00-3	
Chloroform	ND	ug/kg	34.4	20.9	1	04/08/21 15:45	04/09/21 08:47	67-66-3	
Chloromethane	ND	ug/kg	68.8	28.9	1	04/08/21 15:45	04/09/21 08:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	34.4	6.1	1	04/08/21 15:45	04/09/21 08:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	34.4	13.3	1	04/08/21 15:45	04/09/21 08:47	96-12-8	
Dibromochloromethane	ND	ug/kg	34.4	19.3	1	04/08/21 15:45	04/09/21 08:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	34.4	15.1	1	04/08/21 15:45	04/09/21 08:47	106-93-4	
Dibromomethane	ND	ug/kg	34.4	7.4	1	04/08/21 15:45	04/09/21 08:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	34.4	12.4	1	04/08/21 15:45	04/09/21 08:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	34.4	10.7	1	04/08/21 15:45	04/09/21 08:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	34.4	8.9	1	04/08/21 15:45	04/09/21 08:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	68.8	14.9	1	04/08/21 15:45	04/09/21 08:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	34.4	14.2	1	04/08/21 15:45	04/09/21 08:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	34.4	22.8	1	04/08/21 15:45	04/09/21 08:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	34.4	14.2	1	04/08/21 15:45	04/09/21 08:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	34.4	11.8	1	04/08/21 15:45	04/09/21 08:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	34.4	12.0	1	04/08/21 15:45	04/09/21 08:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	34.4	10.3	1	04/08/21 15:45	04/09/21 08:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	34.4	10.7	1	04/08/21 15:45	04/09/21 08:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	34.4	11.2	1	04/08/21 15:45	04/09/21 08:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	34.4	16.5	1	04/08/21 15:45	04/09/21 08:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	34.4	9.4	1	04/08/21 15:45	04/09/21 08:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	34.4	11.8	1	04/08/21 15:45	04/09/21 08:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	34.4	9.3	1	04/08/21 15:45	04/09/21 08:47	108-20-3	
Ethylbenzene	**27.2J**	ug/kg	34.4	16.0	1	04/08/21 15:45	04/09/21 08:47	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	68.8	56.2	1	04/08/21 15:45	04/09/21 08:47	87-68-3	
2-Hexanone	ND	ug/kg	344	33.1	1	04/08/21 15:45	04/09/21 08:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	34.4	11.7	1	04/08/21 15:45	04/09/21 08:47	98-82-8	
p-Isopropyltoluene	**17.3J**	ug/kg	34.4	16.9	1	04/08/21 15:45	04/09/21 08:47	99-87-6	
Methylene Chloride	ND	ug/kg	138	94.2	1	04/08/21 15:45	04/09/21 08:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	344	33.1	1	04/08/21 15:45	04/09/21 08:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	34.4	12.9	1	04/08/21 15:45	04/09/21 08:47	1634-04-4	
Naphthalene	**86.7**	ug/kg	34.4	18.1	1	04/08/21 15:45	04/09/21 08:47	91-20-3	
n-Propylbenzene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	103-65-1	
Styrene	ND	ug/kg	34.4	9.1	1	04/08/21 15:45	04/09/21 08:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	34.4	13.2	1	04/08/21 15:45	04/09/21 08:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	34.4	9.1	1	04/08/21 15:45	04/09/21 08:47	79-34-5	
Tetrachloroethene	ND	ug/kg	34.4	10.9	1	04/08/21 15:45	04/09/21 08:47	127-18-4	
Toluene	**50.5**	ug/kg	34.4	9.8	1	04/08/21 15:45	04/09/21 08:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	34.4	27.8	1	04/08/21 15:45	04/09/21 08:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	34.4	28.9	1	04/08/21 15:45	04/09/21 08:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	34.4	17.9	1	04/08/21 15:45	04/09/21 08:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	34.4	11.4	1	04/08/21 15:45	04/09/21 08:47	79-00-5	
Trichloroethene	ND	ug/kg	34.4	8.9	1	04/08/21 15:45	04/09/21 08:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	34.4	18.9	1	04/08/21 15:45	04/09/21 08:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	34.4	17.4	1	04/08/21 15:45	04/09/21 08:47	96-18-4	
1,2,4-Trimethylbenzene	**46.3**	ug/kg	34.4	9.4	1	04/08/21 15:45	04/09/21 08:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	34.4	11.6	1	04/08/21 15:45	04/09/21 08:47	108-67-8	
Vinyl acetate	ND	ug/kg	344	25.0	1	04/08/21 15:45	04/09/21 08:47	108-05-4	
Vinyl chloride	ND	ug/kg	68.8	17.5	1	04/08/21 15:45	04/09/21 08:47	75-01-4	
Xylene (Total)	**144**	ug/kg	68.8	19.6	1	04/08/21 15:45	04/09/21 08:47	1330-20-7	
m&p-Xylene	**91.4**	ug/kg	68.8	23.5	1	04/08/21 15:45	04/09/21 08:47	179601-23-1	
o-Xylene	**52.2**	ug/kg	34.4	15.2	1	04/08/21 15:45	04/09/21 08:47	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/08/21 15:45	04/09/21 08:47	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 08:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 08:47	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**69.2**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.5	18.1	1	04/14/21 08:20	04/14/21 11:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.5	19.1	1	04/14/21 08:20	04/14/21 11:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.5	17.3	1	04/14/21 08:20	04/14/21 11:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.5	9.3	1	04/14/21 08:20	04/14/21 11:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.5	12.4	1	04/14/21 08:20	04/14/21 11:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.5	9.3	1	04/14/21 08:20	04/14/21 11:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.5	11.8	1	04/14/21 08:20	04/14/21 11:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	115	%	10-160		1	04/14/21 08:20	04/14/21 11:21	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/kg	15.0	1.5	1	04/12/21 11:41	04/13/21 13:52	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	92	%	31-130		1	04/12/21 11:41	04/13/21 13:52	321-60-8	
Nitrobenzene-d5 (S)	86	%	32-130		1	04/12/21 11:41	04/13/21 13:52	4165-60-0	
Terphenyl-d14 (S)	79	%	24-130		1	04/12/21 11:41	04/13/21 13:52	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	83-32-9	
Acenaphthylene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	208-96-8	
Aniline	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	62-53-3	
Anthracene	ND	ug/kg	496	162	1	04/10/21 00:07	04/13/21 22:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	496	165	1	04/10/21 00:07	04/13/21 22:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	496	165	1	04/10/21 00:07	04/13/21 22:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	496	193	1	04/10/21 00:07	04/13/21 22:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	207-08-9	
Benzoic Acid	ND	ug/kg	2480	1070	1	04/10/21 00:07	04/13/21 22:43	65-85-0	
Benzyl alcohol	ND	ug/kg	993	376	1	04/10/21 00:07	04/13/21 22:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	496	209	1	04/10/21 00:07	04/13/21 22:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	993	349	1	04/10/21 00:07	04/13/21 22:43	59-50-7	
4-Chloroaniline	ND	ug/kg	993	390	1	04/10/21 00:07	04/13/21 22:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	496	206	1	04/10/21 00:07	04/13/21 22:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	496	197	1	04/10/21 00:07	04/13/21 22:43	91-58-7	
2-Chlorophenol	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	496	185	1	04/10/21 00:07	04/13/21 22:43	7005-72-3	
Chrysene	ND	ug/kg	496	180	1	04/10/21 00:07	04/13/21 22:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	53-70-3	
Dibenzofuran	ND	ug/kg	496	179	1	04/10/21 00:07	04/13/21 22:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	993	335	1	04/10/21 00:07	04/13/21 22:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	496	182	1	04/10/21 00:07	04/13/21 22:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	496	206	1	04/10/21 00:07	04/13/21 22:43	105-67-9	
Dimethylphthalate	ND	ug/kg	496	180	1	04/10/21 00:07	04/13/21 22:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	496	167	1	04/10/21 00:07	04/13/21 22:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	993	463	1	04/10/21 00:07	04/13/21 22:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2480	1530	1	04/10/21 00:07	04/13/21 22:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	496	182	1	04/10/21 00:07	04/13/21 22:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	496	196	1	04/10/21 00:07	04/13/21 22:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	496	193	1	04/10/21 00:07	04/13/21 22:43	117-81-7	
Fluoranthene	ND	ug/kg	496	170	1	04/10/21 00:07	04/13/21 22:43	206-44-0	
Fluorene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	496	284	1	04/10/21 00:07	04/13/21 22:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	496	190	1	04/10/21 00:07	04/13/21 22:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	496	196	1	04/10/21 00:07	04/13/21 22:43	193-39-5	
Isophorone	ND	ug/kg	496	221	1	04/10/21 00:07	04/13/21 22:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	496	199	1	04/10/21 00:07	04/13/21 22:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	496	203	1	04/10/21 00:07	04/13/21 22:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	496	200	1	04/10/21 00:07	04/13/21 22:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2480	406	1	04/10/21 00:07	04/13/21 22:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2480	390	1	04/10/21 00:07	04/13/21 22:43	99-09-2	
4-Nitroaniline	ND	ug/kg	993	377	1	04/10/21 00:07	04/13/21 22:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	496	230	1	04/10/21 00:07	04/13/21 22:43	98-95-3	
2-Nitrophenol	ND	ug/kg	496	215	1	04/10/21 00:07	04/13/21 22:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2480	960	1	04/10/21 00:07	04/13/21 22:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	496	167	1	04/10/21 00:07	04/13/21 22:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	496	176	1	04/10/21 00:07	04/13/21 22:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	496	236	1	04/10/21 00:07	04/13/21 22:43	108-60-1	
Pentachlorophenol	ND	ug/kg	993	486	1	04/10/21 00:07	04/13/21 22:43	87-86-5	
Phenanthrene	ND	ug/kg	496	162	1	04/10/21 00:07	04/13/21 22:43	85-01-8	
Phenol	ND	ug/kg	496	221	1	04/10/21 00:07	04/13/21 22:43	108-95-2	
Pyrene	ND	ug/kg	496	202	1	04/10/21 00:07	04/13/21 22:43	129-00-0	
Pyridine	ND	ug/kg	496	156	1	04/10/21 00:07	04/13/21 22:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	496	227	1	04/10/21 00:07	04/13/21 22:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	496	205	1	04/10/21 00:07	04/13/21 22:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/10/21 00:07	04/13/21 22:43	4165-60-0	
2-Fluorobiphenyl (S)	57	%	19-130		1	04/10/21 00:07	04/13/21 22:43	321-60-8	
Terphenyl-d14 (S)	48	%	15-130		1	04/10/21 00:07	04/13/21 22:43	1718-51-0	
Phenol-d6 (S)	60	%	18-130		1	04/10/21 00:07	04/13/21 22:43	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	04/10/21 00:07	04/13/21 22:43	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	67	%	18-130		1	04/10/21 00:07	04/13/21 22:43	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**61.2J**	ug/kg	182	58.4	1	04/08/21 15:45	04/09/21 09:05	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	04/08/21 15:45	04/09/21 09:05	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	04/08/21 15:45	04/09/21 09:05	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	75-25-2	
Bromomethane	ND	ug/kg	18.2	14.4	1	04/08/21 15:45	04/09/21 09:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	182	43.7	1	04/08/21 15:45	04/09/21 09:05	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	04/08/21 15:45	04/09/21 09:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	04/08/21 15:45	04/09/21 09:05	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.7	1	04/08/21 15:45	04/09/21 09:05	108-90-7	
Chloroethane	ND	ug/kg	18.2	7.0	1	04/08/21 15:45	04/09/21 09:05	75-00-3	
Chloroform	ND	ug/kg	9.1	5.5	1	04/08/21 15:45	04/09/21 09:05	67-66-3	
Chloromethane	ND	ug/kg	18.2	7.6	1	04/08/21 15:45	04/09/21 09:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	04/08/21 15:45	04/09/21 09:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	04/08/21 15:45	04/09/21 09:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	106-93-4	
Dibromomethane	ND	ug/kg	9.1	1.9	1	04/08/21 15:45	04/09/21 09:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	04/08/21 15:45	04/09/21 09:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	04/08/21 15:45	04/09/21 09:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.2	4.0	1	04/08/21 15:45	04/09/21 09:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.8	1	04/08/21 15:45	04/09/21 09:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	04/08/21 15:45	04/09/21 09:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.8	1	04/08/21 15:45	04/09/21 09:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	04/08/21 15:45	04/09/21 09:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	04/08/21 15:45	04/09/21 09:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	04/08/21 15:45	04/09/21 09:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.2	1	04/08/21 15:45	04/09/21 09:05	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	18.2	14.9	1	04/08/21 15:45	04/09/21 09:05	87-68-3	
2-Hexanone	ND	ug/kg	91.0	8.8	1	04/08/21 15:45	04/09/21 09:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	04/08/21 15:45	04/09/21 09:05	99-87-6	
Methylene Chloride	ND	ug/kg	36.4	24.9	1	04/08/21 15:45	04/09/21 09:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.0	8.8	1	04/08/21 15:45	04/09/21 09:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	04/08/21 15:45	04/09/21 09:05	1634-04-4	
Naphthalene	ND	ug/kg	9.1	4.8	1	04/08/21 15:45	04/09/21 09:05	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	04/08/21 15:45	04/09/21 09:05	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	04/08/21 15:45	04/09/21 09:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	04/08/21 15:45	04/09/21 09:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.6	1	04/08/21 15:45	04/09/21 09:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	04/08/21 15:45	04/09/21 09:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.3	1	04/08/21 15:45	04/09/21 09:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	04/08/21 15:45	04/09/21 09:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	04/08/21 15:45	04/09/21 09:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	108-67-8	
Vinyl acetate	ND	ug/kg	91.0	6.6	1	04/08/21 15:45	04/09/21 09:05	108-05-4	
Vinyl chloride	ND	ug/kg	18.2	4.6	1	04/08/21 15:45	04/09/21 09:05	75-01-4	
Xylene (Total)	ND	ug/kg	18.2	5.2	1	04/08/21 15:45	04/09/21 09:05	1330-20-7	
m&p-Xylene	ND	ug/kg	18.2	6.2	1	04/08/21 15:45	04/09/21 09:05	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/08/21 15:45	04/09/21 09:05	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 09:05	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 09:05	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**32.8**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	60.9	22.3	1	04/14/21 08:20	04/14/21 19:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	60.9	23.5	1	04/14/21 08:20	04/14/21 19:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	60.9	21.3	1	04/14/21 08:20	04/14/21 19:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	60.9	11.5	1	04/14/21 08:20	04/14/21 19:02	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	60.9	15.2	1	04/14/21 08:20	04/14/21 19:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	60.9	11.5	1	04/14/21 08:20	04/14/21 19:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	60.9	14.6	1	04/14/21 08:20	04/14/21 19:02	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	150	%	10-160		1	04/14/21 08:20	04/14/21 19:02	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**15.9J**	ug/kg	18.6	1.9	1	04/12/21 11:41	04/13/21 14:14	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	57	%	31-130		1	04/12/21 11:41	04/13/21 14:14	321-60-8	
Nitrobenzene-d5 (S)	68	%	32-130		1	04/12/21 11:41	04/13/21 14:14	4165-60-0	
Terphenyl-d14 (S)	46	%	24-130		1	04/12/21 11:41	04/13/21 14:14	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	83-32-9	
Acenaphthylene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	208-96-8	
Aniline	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	62-53-3	
Anthracene	ND	ug/kg	623	204	1	04/10/21 00:07	04/13/21 23:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	623	208	1	04/10/21 00:07	04/13/21 23:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	623	208	1	04/10/21 00:07	04/13/21 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	623	242	1	04/10/21 00:07	04/13/21 23:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	207-08-9	
Benzoic Acid	ND	ug/kg	3110	1340	1	04/10/21 00:07	04/13/21 23:13	65-85-0	
Benzyl alcohol	ND	ug/kg	1250	472	1	04/10/21 00:07	04/13/21 23:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	623	262	1	04/10/21 00:07	04/13/21 23:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1250	438	1	04/10/21 00:07	04/13/21 23:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1250	489	1	04/10/21 00:07	04/13/21 23:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	623	259	1	04/10/21 00:07	04/13/21 23:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	623	247	1	04/10/21 00:07	04/13/21 23:13	91-58-7	
2-Chlorophenol	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	623	232	1	04/10/21 00:07	04/13/21 23:13	7005-72-3	
Chrysene	ND	ug/kg	623	227	1	04/10/21 00:07	04/13/21 23:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	53-70-3	
Dibenzofuran	ND	ug/kg	623	225	1	04/10/21 00:07	04/13/21 23:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1250	421	1	04/10/21 00:07	04/13/21 23:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	623	228	1	04/10/21 00:07	04/13/21 23:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	623	259	1	04/10/21 00:07	04/13/21 23:13	105-67-9	
Dimethylphthalate	ND	ug/kg	623	227	1	04/10/21 00:07	04/13/21 23:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	623	210	1	04/10/21 00:07	04/13/21 23:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1250	581	1	04/10/21 00:07	04/13/21 23:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3110	1930	1	04/10/21 00:07	04/13/21 23:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	623	228	1	04/10/21 00:07	04/13/21 23:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	623	245	1	04/10/21 00:07	04/13/21 23:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	623	242	1	04/10/21 00:07	04/13/21 23:13	117-81-7	
Fluoranthene	ND	ug/kg	623	213	1	04/10/21 00:07	04/13/21 23:13	206-44-0	
Fluorene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	623	357	1	04/10/21 00:07	04/13/21 23:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	623	238	1	04/10/21 00:07	04/13/21 23:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	623	245	1	04/10/21 00:07	04/13/21 23:13	193-39-5	
Isophorone	ND	ug/kg	623	278	1	04/10/21 00:07	04/13/21 23:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	623	249	1	04/10/21 00:07	04/13/21 23:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	623	255	1	04/10/21 00:07	04/13/21 23:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	623	251	1	04/10/21 00:07	04/13/21 23:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	3110	510	1	04/10/21 00:07	04/13/21 23:13	88-74-4	
3-Nitroaniline	ND	ug/kg	3110	489	1	04/10/21 00:07	04/13/21 23:13	99-09-2	
4-Nitroaniline	ND	ug/kg	1250	474	1	04/10/21 00:07	04/13/21 23:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	623	289	1	04/10/21 00:07	04/13/21 23:13	98-95-3	
2-Nitrophenol	ND	ug/kg	623	270	1	04/10/21 00:07	04/13/21 23:13	88-75-5	
4-Nitrophenol	ND	ug/kg	3110	1200	1	04/10/21 00:07	04/13/21 23:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	623	210	1	04/10/21 00:07	04/13/21 23:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	623	221	1	04/10/21 00:07	04/13/21 23:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	623	296	1	04/10/21 00:07	04/13/21 23:13	108-60-1	
Pentachlorophenol	ND	ug/kg	1250	610	1	04/10/21 00:07	04/13/21 23:13	87-86-5	
Phenanthrene	ND	ug/kg	623	204	1	04/10/21 00:07	04/13/21 23:13	85-01-8	
Phenol	ND	ug/kg	623	278	1	04/10/21 00:07	04/13/21 23:13	108-95-2	
Pyrene	ND	ug/kg	623	253	1	04/10/21 00:07	04/13/21 23:13	129-00-0	
Pyridine	ND	ug/kg	623	196	1	04/10/21 00:07	04/13/21 23:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	623	285	1	04/10/21 00:07	04/13/21 23:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	623	257	1	04/10/21 00:07	04/13/21 23:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/10/21 00:07	04/13/21 23:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	04/10/21 00:07	04/13/21 23:13	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	04/10/21 00:07	04/13/21 23:13	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/10/21 00:07	04/13/21 23:13	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/10/21 00:07	04/13/21 23:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/10/21 00:07	04/13/21 23:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**225J**	ug/kg	267	85.7	1	04/08/21 15:45	04/09/21 09:24	67-64-1	
Benzene	ND	ug/kg	13.4	5.3	1	04/08/21 15:45	04/09/21 09:24	71-43-2	
Bromobenzene	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	108-86-1	
Bromochloromethane	ND	ug/kg	13.4	4.0	1	04/08/21 15:45	04/09/21 09:24	74-97-5	
Bromodichloromethane	ND	ug/kg	13.4	5.2	1	04/08/21 15:45	04/09/21 09:24	75-27-4	
Bromoform	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	75-25-2	
Bromomethane	ND	ug/kg	26.7	21.1	1	04/08/21 15:45	04/09/21 09:24	74-83-9	
2-Butanone (MEK)	**93.0J**	ug/kg	267	64.1	1	04/08/21 15:45	04/09/21 09:24	78-93-3	
n-Butylbenzene	ND	ug/kg	13.4	6.3	1	04/08/21 15:45	04/09/21 09:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.4	5.0	1	04/08/21 15:45	04/09/21 09:24	56-23-5	
Chlorobenzene	ND	ug/kg	13.4	2.6	1	04/08/21 15:45	04/09/21 09:24	108-90-7	
Chloroethane	ND	ug/kg	26.7	10.3	1	04/08/21 15:45	04/09/21 09:24	75-00-3	
Chloroform	ND	ug/kg	13.4	8.1	1	04/08/21 15:45	04/09/21 09:24	67-66-3	
Chloromethane	ND	ug/kg	26.7	11.2	1	04/08/21 15:45	04/09/21 09:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.4	2.4	1	04/08/21 15:45	04/09/21 09:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.4	5.2	1	04/08/21 15:45	04/09/21 09:24	96-12-8	
Dibromochloromethane	ND	ug/kg	13.4	7.5	1	04/08/21 15:45	04/09/21 09:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	106-93-4	
Dibromomethane	ND	ug/kg	13.4	2.9	1	04/08/21 15:45	04/09/21 09:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.4	4.1	1	04/08/21 15:45	04/09/21 09:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.7	5.8	1	04/08/21 15:45	04/09/21 09:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.4	5.5	1	04/08/21 15:45	04/09/21 09:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.4	8.8	1	04/08/21 15:45	04/09/21 09:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.4	5.5	1	04/08/21 15:45	04/09/21 09:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.4	4.6	1	04/08/21 15:45	04/09/21 09:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.4	4.0	1	04/08/21 15:45	04/09/21 09:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.4	4.2	1	04/08/21 15:45	04/09/21 09:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.4	6.4	1	04/08/21 15:45	04/09/21 09:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.4	3.6	1	04/08/21 15:45	04/09/21 09:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.4	4.6	1	04/08/21 15:45	04/09/21 09:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.4	3.6	1	04/08/21 15:45	04/09/21 09:24	108-20-3	
Ethylbenzene	**11.5J**	ug/kg	13.4	6.2	1	04/08/21 15:45	04/09/21 09:24	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	26.7	21.8	1	04/08/21 15:45	04/09/21 09:24	87-68-3	
2-Hexanone	ND	ug/kg	134	12.9	1	04/08/21 15:45	04/09/21 09:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.4	4.5	1	04/08/21 15:45	04/09/21 09:24	98-82-8	
p-Isopropyltoluene	**15.3**	ug/kg	13.4	6.6	1	04/08/21 15:45	04/09/21 09:24	99-87-6	
Methylene Chloride	ND	ug/kg	53.4	36.6	1	04/08/21 15:45	04/09/21 09:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	134	12.9	1	04/08/21 15:45	04/09/21 09:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.4	5.0	1	04/08/21 15:45	04/09/21 09:24	1634-04-4	
Naphthalene	**93.2**	ug/kg	13.4	7.0	1	04/08/21 15:45	04/09/21 09:24	91-20-3	
n-Propylbenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	103-65-1	
Styrene	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.4	5.1	1	04/08/21 15:45	04/09/21 09:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	79-34-5	
Tetrachloroethene	ND	ug/kg	13.4	4.2	1	04/08/21 15:45	04/09/21 09:24	127-18-4	
Toluene	**23.3**	ug/kg	13.4	3.8	1	04/08/21 15:45	04/09/21 09:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.4	10.8	1	04/08/21 15:45	04/09/21 09:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.4	11.2	1	04/08/21 15:45	04/09/21 09:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.4	6.9	1	04/08/21 15:45	04/09/21 09:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	79-00-5	
Trichloroethene	ND	ug/kg	13.4	3.4	1	04/08/21 15:45	04/09/21 09:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.4	7.3	1	04/08/21 15:45	04/09/21 09:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.4	6.8	1	04/08/21 15:45	04/09/21 09:24	96-18-4	
1,2,4-Trimethylbenzene	**25.2**	ug/kg	13.4	3.7	1	04/08/21 15:45	04/09/21 09:24	95-63-6	
1,3,5-Trimethylbenzene	**12.5J**	ug/kg	13.4	4.5	1	04/08/21 15:45	04/09/21 09:24	108-67-8	
Vinyl acetate	ND	ug/kg	134	9.7	1	04/08/21 15:45	04/09/21 09:24	108-05-4	
Vinyl chloride	ND	ug/kg	26.7	6.8	1	04/08/21 15:45	04/09/21 09:24	75-01-4	
Xylene (Total)	**70.1**	ug/kg	26.7	7.6	1	04/08/21 15:45	04/09/21 09:24	1330-20-7	
m&p-Xylene	**46.8**	ug/kg	26.7	9.1	1	04/08/21 15:45	04/09/21 09:24	179601-23-1	
o-Xylene	**23.2**	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 09:24	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 09:24	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 09:24	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**46.3**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.0	16.5	1	04/14/21 08:20	04/14/21 11:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.0	17.4	1	04/14/21 08:20	04/14/21 11:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.0	15.8	1	04/14/21 08:20	04/14/21 11:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.0	8.5	1	04/14/21 08:20	04/14/21 11:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.0	11.2	1	04/14/21 08:20	04/14/21 11:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.0	8.5	1	04/14/21 08:20	04/14/21 11:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.0	10.8	1	04/14/21 08:20	04/14/21 11:50	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	138	%	10-160		1	04/14/21 08:20	04/14/21 11:50	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**1.6J**	ug/kg	13.7	1.4	1	04/12/21 11:41	04/13/21 14:36	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	54	%	31-130		1	04/12/21 11:41	04/13/21 14:36	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/12/21 11:41	04/13/21 14:36	4165-60-0	
Terphenyl-d14 (S)	63	%	24-130		1	04/12/21 11:41	04/13/21 14:36	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	83-32-9	
Acenaphthylene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	208-96-8	
Aniline	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	62-53-3	
Anthracene	ND	ug/kg	451	148	1	04/10/21 00:07	04/13/21 23:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	451	150	1	04/10/21 00:07	04/13/21 23:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	451	150	1	04/10/21 00:07	04/13/21 23:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	451	175	1	04/10/21 00:07	04/13/21 23:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	207-08-9	
Benzoic Acid	ND	ug/kg	2260	970	1	04/10/21 00:07	04/13/21 23:43	65-85-0	
Benzyl alcohol	ND	ug/kg	903	342	1	04/10/21 00:07	04/13/21 23:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	451	190	1	04/10/21 00:07	04/13/21 23:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	903	317	1	04/10/21 00:07	04/13/21 23:43	59-50-7	
4-Chloroaniline	ND	ug/kg	903	354	1	04/10/21 00:07	04/13/21 23:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	451	187	1	04/10/21 00:07	04/13/21 23:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	451	179	1	04/10/21 00:07	04/13/21 23:43	91-58-7	
2-Chlorophenol	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	451	168	1	04/10/21 00:07	04/13/21 23:43	7005-72-3	
Chrysene	ND	ug/kg	451	164	1	04/10/21 00:07	04/13/21 23:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	53-70-3	
Dibenzofuran	ND	ug/kg	451	163	1	04/10/21 00:07	04/13/21 23:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	903	305	1	04/10/21 00:07	04/13/21 23:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	451	165	1	04/10/21 00:07	04/13/21 23:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	451	187	1	04/10/21 00:07	04/13/21 23:43	105-67-9	
Dimethylphthalate	ND	ug/kg	451	164	1	04/10/21 00:07	04/13/21 23:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	451	152	1	04/10/21 00:07	04/13/21 23:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	903	421	1	04/10/21 00:07	04/13/21 23:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2260	1390	1	04/10/21 00:07	04/13/21 23:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	451	165	1	04/10/21 00:07	04/13/21 23:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	451	178	1	04/10/21 00:07	04/13/21 23:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	451	175	1	04/10/21 00:07	04/13/21 23:43	117-81-7	
Fluoranthene	ND	ug/kg	451	155	1	04/10/21 00:07	04/13/21 23:43	206-44-0	
Fluorene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	451	258	1	04/10/21 00:07	04/13/21 23:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	451	172	1	04/10/21 00:07	04/13/21 23:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	451	178	1	04/10/21 00:07	04/13/21 23:43	193-39-5	
Isophorone	ND	ug/kg	451	201	1	04/10/21 00:07	04/13/21 23:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	451	181	1	04/10/21 00:07	04/13/21 23:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	451	185	1	04/10/21 00:07	04/13/21 23:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	451	182	1	04/10/21 00:07	04/13/21 23:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2260	369	1	04/10/21 00:07	04/13/21 23:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2260	354	1	04/10/21 00:07	04/13/21 23:43	99-09-2	
4-Nitroaniline	ND	ug/kg	903	343	1	04/10/21 00:07	04/13/21 23:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	451	209	1	04/10/21 00:07	04/13/21 23:43	98-95-3	
2-Nitrophenol	ND	ug/kg	451	196	1	04/10/21 00:07	04/13/21 23:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2260	872	1	04/10/21 00:07	04/13/21 23:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	451	152	1	04/10/21 00:07	04/13/21 23:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	451	160	1	04/10/21 00:07	04/13/21 23:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	451	215	1	04/10/21 00:07	04/13/21 23:43	108-60-1	
Pentachlorophenol	ND	ug/kg	903	442	1	04/10/21 00:07	04/13/21 23:43	87-86-5	
Phenanthrene	ND	ug/kg	451	148	1	04/10/21 00:07	04/13/21 23:43	85-01-8	
Phenol	ND	ug/kg	451	201	1	04/10/21 00:07	04/13/21 23:43	108-95-2	
Pyrene	ND	ug/kg	451	183	1	04/10/21 00:07	04/13/21 23:43	129-00-0	
Pyridine	ND	ug/kg	451	142	1	04/10/21 00:07	04/13/21 23:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	451	206	1	04/10/21 00:07	04/13/21 23:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	451	186	1	04/10/21 00:07	04/13/21 23:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/10/21 00:07	04/13/21 23:43	4165-60-0	
2-Fluorobiphenyl (S)	70	%	19-130		1	04/10/21 00:07	04/13/21 23:43	321-60-8	
Terphenyl-d14 (S)	65	%	15-130		1	04/10/21 00:07	04/13/21 23:43	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/10/21 00:07	04/13/21 23:43	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/10/21 00:07	04/13/21 23:43	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	88	%	18-130		1	04/10/21 00:07	04/13/21 23:43	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	144	46.3	1	04/08/21 15:45	04/09/21 09:42	67-64-1	
Benzene	ND	ug/kg	7.2	2.9	1	04/08/21 15:45	04/09/21 09:42	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	04/08/21 15:45	04/09/21 09:42	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	04/08/21 15:45	04/09/21 09:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	04/08/21 15:45	04/09/21 09:42	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	04/08/21 15:45	04/09/21 09:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	04/08/21 15:45	04/09/21 09:42	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	04/08/21 15:45	04/09/21 09:42	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	04/08/21 15:45	04/09/21 09:42	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	04/08/21 15:45	04/09/21 09:42	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.1	1	04/08/21 15:45	04/09/21 09:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	04/08/21 15:45	04/09/21 09:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	04/08/21 15:45	04/09/21 09:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	04/08/21 15:45	04/09/21 09:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	04/08/21 15:45	04/09/21 09:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	04/08/21 15:45	04/09/21 09:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	04/08/21 15:45	04/09/21 09:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	04/08/21 15:45	04/09/21 09:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	04/08/21 15:45	04/09/21 09:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	108-20-3	
Ethylbenzene	ND	ug/kg	7.2	3.4	1	04/08/21 15:45	04/09/21 09:42	100-41-4	

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	04/08/21 15:45	04/09/21 09:42	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	04/08/21 15:45	04/09/21 09:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.5	1	04/08/21 15:45	04/09/21 09:42	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	04/08/21 15:45	04/09/21 09:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	04/08/21 15:45	04/09/21 09:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	04/08/21 15:45	04/09/21 09:42	1634-04-4	
Naphthalene	ND	ug/kg	7.2	3.8	1	04/08/21 15:45	04/09/21 09:42	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	127-18-4	
Toluene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	04/08/21 15:45	04/09/21 09:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.1	1	04/08/21 15:45	04/09/21 09:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	04/08/21 15:45	04/09/21 09:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	04/08/21 15:45	04/09/21 09:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	04/08/21 15:45	04/09/21 09:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	04/08/21 15:45	04/09/21 09:42	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	04/08/21 15:45	04/09/21 09:42	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	4.1	1	04/08/21 15:45	04/09/21 09:42	1330-20-7	
m&p-Xylene	ND	ug/kg	14.4	4.9	1	04/08/21 15:45	04/09/21 09:42	179601-23-1	
o-Xylene	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 09:42	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/08/21 15:45	04/09/21 09:42	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 09:42	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**26.9**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	899	329	10	04/10/21 21:37	04/13/21 10:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	899	347	10	04/10/21 21:37	04/13/21 10:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	899	315	10	04/10/21 21:37	04/13/21 10:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	899	169	10	04/10/21 21:37	04/13/21 10:43	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	899	225	10	04/10/21 21:37	04/13/21 10:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	899	169	10	04/10/21 21:37	04/13/21 10:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	899	215	10	04/10/21 21:37	04/13/21 10:43	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:43	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**4270**	ug/kg	134	13.8	5	04/12/21 11:41	04/14/21 15:21	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	66	%	31-130		1	04/12/21 11:41	04/13/21 14:58	321-60-8	
Nitrobenzene-d5 (S)	79	%	32-130		1	04/12/21 11:41	04/13/21 14:58	4165-60-0	
Terphenyl-d14 (S)	49	%	24-130		1	04/12/21 11:41	04/13/21 14:58	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	83-32-9	
Acenaphthylene	**1980**	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	208-96-8	
Aniline	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	62-53-3	
Anthracene	**1990**	ug/kg	918	300	1	04/10/21 00:07	04/14/21 01:43	120-12-7	
Benzo(a)anthracene	**7950**	ug/kg	918	306	1	04/10/21 00:07	04/14/21 01:43	56-55-3	
Benzo(b)fluoranthene	**7430**	ug/kg	918	306	1	04/10/21 00:07	04/14/21 01:43	205-99-2	
Benzo(g,h,i)perylene	**3090**	ug/kg	918	356	1	04/10/21 00:07	04/14/21 01:43	191-24-2	
Benzo(k)fluoranthene	**2940**	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	207-08-9	
Benzoic Acid	ND	ug/kg	4590	1970	1	04/10/21 00:07	04/14/21 01:43	65-85-0	
Benzyl alcohol	ND	ug/kg	1840	695	1	04/10/21 00:07	04/14/21 01:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	918	386	1	04/10/21 00:07	04/14/21 01:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1840	645	1	04/10/21 00:07	04/14/21 01:43	59-50-7	
4-Chloroaniline	ND	ug/kg	1840	720	1	04/10/21 00:07	04/14/21 01:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	918	381	1	04/10/21 00:07	04/14/21 01:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	918	364	1	04/10/21 00:07	04/14/21 01:43	91-58-7	
2-Chlorophenol	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	918	342	1	04/10/21 00:07	04/14/21 01:43	7005-72-3	
Chrysene	**6050**	ug/kg	918	334	1	04/10/21 00:07	04/14/21 01:43	218-01-9	
Dibenz(a,h)anthracene	**802J**	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	53-70-3	
Dibenzofuran	ND	ug/kg	918	331	1	04/10/21 00:07	04/14/21 01:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1840	620	1	04/10/21 00:07	04/14/21 01:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	918	336	1	04/10/21 00:07	04/14/21 01:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	918	381	1	04/10/21 00:07	04/14/21 01:43	105-67-9	
Dimethylphthalate	ND	ug/kg	918	334	1	04/10/21 00:07	04/14/21 01:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	918	309	1	04/10/21 00:07	04/14/21 01:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1840	856	1	04/10/21 00:07	04/14/21 01:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4590	2840	1	04/10/21 00:07	04/14/21 01:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	918	336	1	04/10/21 00:07	04/14/21 01:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	918	361	1	04/10/21 00:07	04/14/21 01:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	918	356	1	04/10/21 00:07	04/14/21 01:43	117-81-7	
Fluoranthene	**15300**	ug/kg	4590	1570	5	04/10/21 00:07	04/14/21 09:58	206-44-0	
Fluorene	**337J**	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	918	525	1	04/10/21 00:07	04/14/21 01:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	918	350	1	04/10/21 00:07	04/14/21 01:43	67-72-1	
Indeno(1,2,3-cd)pyrene	**3020**	ug/kg	918	361	1	04/10/21 00:07	04/14/21 01:43	193-39-5	
Isophorone	ND	ug/kg	918	409	1	04/10/21 00:07	04/14/21 01:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	918	367	1	04/10/21 00:07	04/14/21 01:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	918	375	1	04/10/21 00:07	04/14/21 01:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	918	370	1	04/10/21 00:07	04/14/21 01:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	4590	751	1	04/10/21 00:07	04/14/21 01:43	88-74-4	
3-Nitroaniline	ND	ug/kg	4590	720	1	04/10/21 00:07	04/14/21 01:43	99-09-2	
4-Nitroaniline	ND	ug/kg	1840	698	1	04/10/21 00:07	04/14/21 01:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	918	425	1	04/10/21 00:07	04/14/21 01:43	98-95-3	
2-Nitrophenol	ND	ug/kg	918	398	1	04/10/21 00:07	04/14/21 01:43	88-75-5	
4-Nitrophenol	ND	ug/kg	4590	1770	1	04/10/21 00:07	04/14/21 01:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	918	309	1	04/10/21 00:07	04/14/21 01:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	918	325	1	04/10/21 00:07	04/14/21 01:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	918	437	1	04/10/21 00:07	04/14/21 01:43	108-60-1	
Pentachlorophenol	ND	ug/kg	1840	898	1	04/10/21 00:07	04/14/21 01:43	87-86-5	
Phenanthrene	**3250**	ug/kg	918	300	1	04/10/21 00:07	04/14/21 01:43	85-01-8	
Phenol	ND	ug/kg	918	409	1	04/10/21 00:07	04/14/21 01:43	108-95-2	
Pyrene	**14200**	ug/kg	4590	1860	5	04/10/21 00:07	04/14/21 09:58	129-00-0	
Pyridine	ND	ug/kg	918	289	1	04/10/21 00:07	04/14/21 01:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	918	420	1	04/10/21 00:07	04/14/21 01:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	918	378	1	04/10/21 00:07	04/14/21 01:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	21-130		1	04/10/21 00:07	04/14/21 01:43	4165-60-0	
2-Fluorobiphenyl (S)	65	%	19-130		1	04/10/21 00:07	04/14/21 01:43	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	04/10/21 00:07	04/14/21 01:43	1718-51-0	
Phenol-d6 (S)	74	%	18-130		1	04/10/21 00:07	04/14/21 01:43	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	04/10/21 00:07	04/14/21 01:43	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	87	%	18-130		1	04/10/21 00:07	04/14/21 01:43	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**249J**	ug/kg	509	163	1	04/08/21 15:45	04/09/21 10:00	67-64-1	
Benzene	ND	ug/kg	25.5	10.1	1	04/08/21 15:45	04/09/21 10:00	71-43-2	
Bromobenzene	ND	ug/kg	25.5	8.3	1	04/08/21 15:45	04/09/21 10:00	108-86-1	
Bromochloromethane	ND	ug/kg	25.5	7.5	1	04/08/21 15:45	04/09/21 10:00	74-97-5	
Bromodichloromethane	ND	ug/kg	25.5	9.8	1	04/08/21 15:45	04/09/21 10:00	75-27-4	
Bromoform	ND	ug/kg	25.5	9.0	1	04/08/21 15:45	04/09/21 10:00	75-25-2	
Bromomethane	ND	ug/kg	50.9	40.2	1	04/08/21 15:45	04/09/21 10:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	509	122	1	04/08/21 15:45	04/09/21 10:00	78-93-3	
n-Butylbenzene	ND	ug/kg	25.5	12.0	1	04/08/21 15:45	04/09/21 10:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	25.5	11.2	1	04/08/21 15:45	04/09/21 10:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.5	9.1	1	04/08/21 15:45	04/09/21 10:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	25.5	9.5	1	04/08/21 15:45	04/09/21 10:00	56-23-5	
Chlorobenzene	ND	ug/kg	25.5	4.9	1	04/08/21 15:45	04/09/21 10:00	108-90-7	
Chloroethane	ND	ug/kg	50.9	19.7	1	04/08/21 15:45	04/09/21 10:00	75-00-3	
Chloroform	ND	ug/kg	25.5	15.5	1	04/08/21 15:45	04/09/21 10:00	67-66-3	
Chloromethane	ND	ug/kg	50.9	21.4	1	04/08/21 15:45	04/09/21 10:00	74-87-3	
2-Chlorotoluene	ND	ug/kg	25.5	9.0	1	04/08/21 15:45	04/09/21 10:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	25.5	4.5	1	04/08/21 15:45	04/09/21 10:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.5	9.9	1	04/08/21 15:45	04/09/21 10:00	96-12-8	
Dibromochloromethane	ND	ug/kg	25.5	14.3	1	04/08/21 15:45	04/09/21 10:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	25.5	11.2	1	04/08/21 15:45	04/09/21 10:00	106-93-4	
Dibromomethane	ND	ug/kg	25.5	5.4	1	04/08/21 15:45	04/09/21 10:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	25.5	9.2	1	04/08/21 15:45	04/09/21 10:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	25.5	7.9	1	04/08/21 15:45	04/09/21 10:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	25.5	6.6	1	04/08/21 15:45	04/09/21 10:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	50.9	11.1	1	04/08/21 15:45	04/09/21 10:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	25.5	10.5	1	04/08/21 15:45	04/09/21 10:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	25.5	16.9	1	04/08/21 15:45	04/09/21 10:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	25.5	10.5	1	04/08/21 15:45	04/09/21 10:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	25.5	8.7	1	04/08/21 15:45	04/09/21 10:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	25.5	8.9	1	04/08/21 15:45	04/09/21 10:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	25.5	7.6	1	04/08/21 15:45	04/09/21 10:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	25.5	7.9	1	04/08/21 15:45	04/09/21 10:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	25.5	8.3	1	04/08/21 15:45	04/09/21 10:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	25.5	12.2	1	04/08/21 15:45	04/09/21 10:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	25.5	6.9	1	04/08/21 15:45	04/09/21 10:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	25.5	8.8	1	04/08/21 15:45	04/09/21 10:00	10061-02-6	
Diisopropyl ether	ND	ug/kg	25.5	6.9	1	04/08/21 15:45	04/09/21 10:00	108-20-3	
Ethylbenzene	ND	ug/kg	25.5	11.9	1	04/08/21 15:45	04/09/21 10:00	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	50.9	41.7	1	04/08/21 15:45	04/09/21 10:00	87-68-3	
2-Hexanone	ND	ug/kg	255	24.5	1	04/08/21 15:45	04/09/21 10:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	25.5	8.7	1	04/08/21 15:45	04/09/21 10:00	98-82-8	
p-Isopropyltoluene	ND	ug/kg	25.5	12.5	1	04/08/21 15:45	04/09/21 10:00	99-87-6	
Methylene Chloride	ND	ug/kg	102	69.8	1	04/08/21 15:45	04/09/21 10:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	255	24.5	1	04/08/21 15:45	04/09/21 10:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	25.5	9.5	1	04/08/21 15:45	04/09/21 10:00	1634-04-4	
Naphthalene	**122**	ug/kg	25.5	13.4	1	04/08/21 15:45	04/09/21 10:00	91-20-3	
n-Propylbenzene	ND	ug/kg	25.5	9.1	1	04/08/21 15:45	04/09/21 10:00	103-65-1	
Styrene	ND	ug/kg	25.5	6.7	1	04/08/21 15:45	04/09/21 10:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.5	9.8	1	04/08/21 15:45	04/09/21 10:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	25.5	6.7	1	04/08/21 15:45	04/09/21 10:00	79-34-5	
Tetrachloroethene	ND	ug/kg	25.5	8.0	1	04/08/21 15:45	04/09/21 10:00	127-18-4	
Toluene	**16.3J**	ug/kg	25.5	7.2	1	04/08/21 15:45	04/09/21 10:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	25.5	20.6	1	04/08/21 15:45	04/09/21 10:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	25.5	21.4	1	04/08/21 15:45	04/09/21 10:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	25.5	13.2	1	04/08/21 15:45	04/09/21 10:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	25.5	8.5	1	04/08/21 15:45	04/09/21 10:00	79-00-5	
Trichloroethene	ND	ug/kg	25.5	6.6	1	04/08/21 15:45	04/09/21 10:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	25.5	14.0	1	04/08/21 15:45	04/09/21 10:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	25.5	12.9	1	04/08/21 15:45	04/09/21 10:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	25.5	7.0	1	04/08/21 15:45	04/09/21 10:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	25.5	8.6	1	04/08/21 15:45	04/09/21 10:00	108-67-8	
Vinyl acetate	ND	ug/kg	255	18.5	1	04/08/21 15:45	04/09/21 10:00	108-05-4	
Vinyl chloride	ND	ug/kg	50.9	12.9	1	04/08/21 15:45	04/09/21 10:00	75-01-4	
Xylene (Total)	**21.7J**	ug/kg	50.9	14.5	1	04/08/21 15:45	04/09/21 10:00	1330-20-7	
m&p-Xylene	**21.7J**	ug/kg	50.9	17.4	1	04/08/21 15:45	04/09/21 10:00	179601-23-1	
o-Xylene	ND	ug/kg	25.5	11.3	1	04/08/21 15:45	04/09/21 10:00	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/08/21 15:45	04/09/21 10:00	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 10:00	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 10:00	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**63.4**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	534	196	10	04/10/21 21:37	04/13/21 10:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	534	206	10	04/10/21 21:37	04/13/21 10:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	534	187	10	04/10/21 21:37	04/13/21 10:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	534	133	10	04/10/21 21:37	04/13/21 10:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:50	11097-69-1	
PCB-1260 (Aroclor 1260)	**1840**	ug/kg	534	128	10	04/10/21 21:37	04/13/21 10:50	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:50	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**3410**	ug/kg	65.0	6.7	4	04/12/21 11:41	04/14/21 15:43	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		2	04/12/21 11:41	04/13/21 15:20	321-60-8	
Nitrobenzene-d5 (S)	74	%	32-130		2	04/12/21 11:41	04/13/21 15:20	4165-60-0	
Terphenyl-d14 (S)	44	%	24-130		2	04/12/21 11:41	04/13/21 15:20	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	83-32-9	
Acenaphthylene	**1590J**	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	208-96-8	
Aniline	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	62-53-3	
Anthracene	**1540J**	ug/kg	2690	880	5	04/10/21 00:07	04/14/21 02:13	120-12-7	
Benzo(a)anthracene	**4430**	ug/kg	2690	896	5	04/10/21 00:07	04/14/21 02:13	56-55-3	
Benzo(b)fluoranthene	**4840**	ug/kg	2690	896	5	04/10/21 00:07	04/14/21 02:13	205-99-2	
Benzo(g,h,i)perylene	**2000J**	ug/kg	2690	1040	5	04/10/21 00:07	04/14/21 02:13	191-24-2	
Benzo(k)fluoranthene	**2210J**	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	207-08-9	
Benzoic Acid	ND	ug/kg	13400	5780	5	04/10/21 00:07	04/14/21 02:13	65-85-0	
Benzyl alcohol	ND	ug/kg	5380	2040	5	04/10/21 00:07	04/14/21 02:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2690	1130	5	04/10/21 00:07	04/14/21 02:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	5380	1890	5	04/10/21 00:07	04/14/21 02:13	59-50-7	
4-Chloroaniline	ND	ug/kg	5380	2110	5	04/10/21 00:07	04/14/21 02:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2690	1120	5	04/10/21 00:07	04/14/21 02:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2690	1070	5	04/10/21 00:07	04/14/21 02:13	91-58-7	
2-Chlorophenol	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2690	1000	5	04/10/21 00:07	04/14/21 02:13	7005-72-3	
Chrysene	**3440**	ug/kg	2690	978	5	04/10/21 00:07	04/14/21 02:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	53-70-3	
Dibenzofuran	ND	ug/kg	2690	970	5	04/10/21 00:07	04/14/21 02:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5380	1820	5	04/10/21 00:07	04/14/21 02:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	120-83-2	

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	2690	986	5	04/10/21 00:07	04/14/21 02:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2690	1120	5	04/10/21 00:07	04/14/21 02:13	105-67-9	
Dimethylphthalate	ND	ug/kg	2690	978	5	04/10/21 00:07	04/14/21 02:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2690	905	5	04/10/21 00:07	04/14/21 02:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5380	2510	5	04/10/21 00:07	04/14/21 02:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	13400	8310	5	04/10/21 00:07	04/14/21 02:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	2690	986	5	04/10/21 00:07	04/14/21 02:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2690	1060	5	04/10/21 00:07	04/14/21 02:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2690	1040	5	04/10/21 00:07	04/14/21 02:13	117-81-7	
Fluoranthene	**9720**	ug/kg	2690	921	5	04/10/21 00:07	04/14/21 02:13	206-44-0	
Fluorene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2690	1540	5	04/10/21 00:07	04/14/21 02:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	67-72-1	
Indeno(1,2,3-cd)pyrene	**1850J**	ug/kg	2690	1060	5	04/10/21 00:07	04/14/21 02:13	193-39-5	
Isophorone	ND	ug/kg	2690	1200	5	04/10/21 00:07	04/14/21 02:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2690	1080	5	04/10/21 00:07	04/14/21 02:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2690	1100	5	04/10/21 00:07	04/14/21 02:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2690	1080	5	04/10/21 00:07	04/14/21 02:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	13400	2200	5	04/10/21 00:07	04/14/21 02:13	88-74-4	
3-Nitroaniline	ND	ug/kg	13400	2110	5	04/10/21 00:07	04/14/21 02:13	99-09-2	
4-Nitroaniline	ND	ug/kg	5380	2050	5	04/10/21 00:07	04/14/21 02:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	2690	1250	5	04/10/21 00:07	04/14/21 02:13	98-95-3	
2-Nitrophenol	ND	ug/kg	2690	1170	5	04/10/21 00:07	04/14/21 02:13	88-75-5	
4-Nitrophenol	ND	ug/kg	13400	5200	5	04/10/21 00:07	04/14/21 02:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2690	905	5	04/10/21 00:07	04/14/21 02:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2690	953	5	04/10/21 00:07	04/14/21 02:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2690	1280	5	04/10/21 00:07	04/14/21 02:13	108-60-1	
Pentachlorophenol	ND	ug/kg	5380	2630	5	04/10/21 00:07	04/14/21 02:13	87-86-5	
Phenanthrene	**3000**	ug/kg	2690	880	5	04/10/21 00:07	04/14/21 02:13	85-01-8	
Phenol	ND	ug/kg	2690	1200	5	04/10/21 00:07	04/14/21 02:13	108-95-2	
Pyrene	**7170**	ug/kg	2690	1090	5	04/10/21 00:07	04/14/21 02:13	129-00-0	
Pyridine	ND	ug/kg	2690	847	5	04/10/21 00:07	04/14/21 02:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2690	1230	5	04/10/21 00:07	04/14/21 02:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2690	1110	5	04/10/21 00:07	04/14/21 02:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		5	04/10/21 00:07	04/14/21 02:13	4165-60-0	D3
2-Fluorobiphenyl (S)	64	%	19-130		5	04/10/21 00:07	04/14/21 02:13	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		5	04/10/21 00:07	04/14/21 02:13	1718-51-0	
Phenol-d6 (S)	70	%	18-130		5	04/10/21 00:07	04/14/21 02:13	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		5	04/10/21 00:07	04/14/21 02:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	81	%	18-130		5	04/10/21 00:07	04/14/21 02:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**333**	ug/kg	258	82.7	1	04/09/21 14:45	04/09/21 22:09	67-64-1	
Benzene	**75.3**	ug/kg	12.9	5.1	1	04/09/21 14:45	04/09/21 22:09	71-43-2	
Bromobenzene	ND	ug/kg	12.9	4.2	1	04/09/21 14:45	04/09/21 22:09	108-86-1	
Bromochloromethane	ND	ug/kg	12.9	3.8	1	04/09/21 14:45	04/09/21 22:09	74-97-5	
Bromodichloromethane	ND	ug/kg	12.9	5.0	1	04/09/21 14:45	04/09/21 22:09	75-27-4	
Bromoform	ND	ug/kg	12.9	4.5	1	04/09/21 14:45	04/09/21 22:09	75-25-2	
Bromomethane	ND	ug/kg	25.8	20.4	1	04/09/21 14:45	04/09/21 22:09	74-83-9	
2-Butanone (MEK)	**119J**	ug/kg	258	61.9	1	04/09/21 14:45	04/09/21 22:09	78-93-3	
n-Butylbenzene	ND	ug/kg	12.9	6.1	1	04/09/21 14:45	04/09/21 22:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.9	4.8	1	04/09/21 14:45	04/09/21 22:09	56-23-5	
Chlorobenzene	ND	ug/kg	12.9	2.5	1	04/09/21 14:45	04/09/21 22:09	108-90-7	
Chloroethane	ND	ug/kg	25.8	9.9	1	04/09/21 14:45	04/09/21 22:09	75-00-3	
Chloroform	ND	ug/kg	12.9	7.8	1	04/09/21 14:45	04/09/21 22:09	67-66-3	
Chloromethane	ND	ug/kg	25.8	10.8	1	04/09/21 14:45	04/09/21 22:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.9	2.3	1	04/09/21 14:45	04/09/21 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.9	5.0	1	04/09/21 14:45	04/09/21 22:09	96-12-8	
Dibromochloromethane	ND	ug/kg	12.9	7.2	1	04/09/21 14:45	04/09/21 22:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	106-93-4	
Dibromomethane	ND	ug/kg	12.9	2.8	1	04/09/21 14:45	04/09/21 22:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.9	4.0	1	04/09/21 14:45	04/09/21 22:09	541-73-1	
1,4-Dichlorobenzene	**48.3**	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.8	5.6	1	04/09/21 14:45	04/09/21 22:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.9	5.3	1	04/09/21 14:45	04/09/21 22:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.9	8.5	1	04/09/21 14:45	04/09/21 22:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.9	5.3	1	04/09/21 14:45	04/09/21 22:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.9	4.5	1	04/09/21 14:45	04/09/21 22:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.9	3.9	1	04/09/21 14:45	04/09/21 22:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.9	4.0	1	04/09/21 14:45	04/09/21 22:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.9	4.2	1	04/09/21 14:45	04/09/21 22:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.9	6.2	1	04/09/21 14:45	04/09/21 22:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	108-20-3	
Ethylbenzene	**35.0**	ug/kg	12.9	6.0	1	04/09/21 14:45	04/09/21 22:09	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	25.8	21.1	1	04/09/21 14:45	04/09/21 22:09	87-68-3	
2-Hexanone	ND	ug/kg	129	12.4	1	04/09/21 14:45	04/09/21 22:09	591-78-6	
Isopropylbenzene (Cumene)	**6.8J**	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.9	6.3	1	04/09/21 14:45	04/09/21 22:09	99-87-6	
Methylene Chloride	ND	ug/kg	51.6	35.3	1	04/09/21 14:45	04/09/21 22:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	129	12.4	1	04/09/21 14:45	04/09/21 22:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.9	4.8	1	04/09/21 14:45	04/09/21 22:09	1634-04-4	
Naphthalene	**1300**	ug/kg	12.9	6.8	1	04/09/21 14:45	04/09/21 22:09	91-20-3	
n-Propylbenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	103-65-1	
Styrene	ND	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.9	4.9	1	04/09/21 14:45	04/09/21 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	79-34-5	
Tetrachloroethene	ND	ug/kg	12.9	4.1	1	04/09/21 14:45	04/09/21 22:09	127-18-4	
Toluene	**54.6**	ug/kg	12.9	3.7	1	04/09/21 14:45	04/09/21 22:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.9	10.4	1	04/09/21 14:45	04/09/21 22:09	87-61-6	
1,2,4-Trichlorobenzene	**23.1**	ug/kg	12.9	10.8	1	04/09/21 14:45	04/09/21 22:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.9	6.7	1	04/09/21 14:45	04/09/21 22:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.9	4.3	1	04/09/21 14:45	04/09/21 22:09	79-00-5	
Trichloroethene	ND	ug/kg	12.9	3.3	1	04/09/21 14:45	04/09/21 22:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.9	7.1	1	04/09/21 14:45	04/09/21 22:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.9	6.5	1	04/09/21 14:45	04/09/21 22:09	96-18-4	
1,2,4-Trimethylbenzene	**26.5**	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	95-63-6	
1,3,5-Trimethylbenzene	**11.8J**	ug/kg	12.9	4.3	1	04/09/21 14:45	04/09/21 22:09	108-67-8	
Vinyl acetate	ND	ug/kg	129	9.4	1	04/09/21 14:45	04/09/21 22:09	108-05-4	
Vinyl chloride	ND	ug/kg	25.8	6.5	1	04/09/21 14:45	04/09/21 22:09	75-01-4	
Xylene (Total)	**97.4**	ug/kg	25.8	7.3	1	04/09/21 14:45	04/09/21 22:09	1330-20-7	
m&p-Xylene	**72.9**	ug/kg	25.8	8.8	1	04/09/21 14:45	04/09/21 22:09	179601-23-1	
o-Xylene	**24.5**	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/09/21 14:45	04/09/21 22:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/09/21 14:45	04/09/21 22:09	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/09/21 14:45	04/09/21 22:09	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**39.0**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.8	16.8	1	04/14/21 08:20	04/14/21 18:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.8	17.7	1	04/14/21 08:20	04/14/21 18:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.8	16.0	1	04/14/21 08:20	04/14/21 18:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.8	8.6	1	04/14/21 08:20	04/14/21 18:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.8	11.4	1	04/14/21 08:20	04/14/21 18:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.8	8.6	1	04/14/21 08:20	04/14/21 18:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.8	11.0	1	04/14/21 08:20	04/14/21 18:48	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	121	%	10-160		1	04/14/21 08:20	04/14/21 18:48	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**3850**	ug/kg	69.4	7.1	5	04/13/21 14:08	04/15/21 08:04	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		1	04/13/21 14:08	04/14/21 13:53	321-60-8	
Nitrobenzene-d5 (S)	75	%	32-130		1	04/13/21 14:08	04/14/21 13:53	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/13/21 14:08	04/14/21 13:53	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	**246J**	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	83-32-9	
Acenaphthylene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	208-96-8	
Aniline	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	62-53-3	
Anthracene	**215J**	ug/kg	446	146	1	04/10/21 00:07	04/14/21 00:13	120-12-7	
Benzo(a)anthracene	**298J**	ug/kg	446	149	1	04/10/21 00:07	04/14/21 00:13	56-55-3	
Benzo(b)fluoranthene	**290J**	ug/kg	446	149	1	04/10/21 00:07	04/14/21 00:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	446	173	1	04/10/21 00:07	04/14/21 00:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	207-08-9	
Benzoic Acid	ND	ug/kg	2230	958	1	04/10/21 00:07	04/14/21 00:13	65-85-0	
Benzyl alcohol	ND	ug/kg	892	338	1	04/10/21 00:07	04/14/21 00:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	446	188	1	04/10/21 00:07	04/14/21 00:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	892	314	1	04/10/21 00:07	04/14/21 00:13	59-50-7	
4-Chloroaniline	ND	ug/kg	892	350	1	04/10/21 00:07	04/14/21 00:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	446	185	1	04/10/21 00:07	04/14/21 00:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	446	177	1	04/10/21 00:07	04/14/21 00:13	91-58-7	
2-Chlorophenol	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	446	166	1	04/10/21 00:07	04/14/21 00:13	7005-72-3	
Chrysene	**228J**	ug/kg	446	162	1	04/10/21 00:07	04/14/21 00:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	53-70-3	
Dibenzofuran	ND	ug/kg	446	161	1	04/10/21 00:07	04/14/21 00:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	892	301	1	04/10/21 00:07	04/14/21 00:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	446	164	1	04/10/21 00:07	04/14/21 00:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	446	185	1	04/10/21 00:07	04/14/21 00:13	105-67-9	
Dimethylphthalate	ND	ug/kg	446	162	1	04/10/21 00:07	04/14/21 00:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	446	150	1	04/10/21 00:07	04/14/21 00:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	416	1	04/10/21 00:07	04/14/21 00:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1380	1	04/10/21 00:07	04/14/21 00:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	446	164	1	04/10/21 00:07	04/14/21 00:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	446	176	1	04/10/21 00:07	04/14/21 00:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	446	173	1	04/10/21 00:07	04/14/21 00:13	117-81-7	
Fluoranthene	**710**	ug/kg	446	153	1	04/10/21 00:07	04/14/21 00:13	206-44-0	
Fluorene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	446	255	1	04/10/21 00:07	04/14/21 00:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	446	170	1	04/10/21 00:07	04/14/21 00:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	446	176	1	04/10/21 00:07	04/14/21 00:13	193-39-5	
Isophorone	ND	ug/kg	446	199	1	04/10/21 00:07	04/14/21 00:13	78-59-1	
1-Methylnaphthalene	**214J**	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	90-12-0	
2-Methylnaphthalene	**380J**	ug/kg	446	178	1	04/10/21 00:07	04/14/21 00:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	446	182	1	04/10/21 00:07	04/14/21 00:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	446	180	1	04/10/21 00:07	04/14/21 00:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2230	365	1	04/10/21 00:07	04/14/21 00:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	350	1	04/10/21 00:07	04/14/21 00:13	99-09-2	
4-Nitroaniline	ND	ug/kg	892	339	1	04/10/21 00:07	04/14/21 00:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	446	207	1	04/10/21 00:07	04/14/21 00:13	98-95-3	
2-Nitrophenol	ND	ug/kg	446	193	1	04/10/21 00:07	04/14/21 00:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	862	1	04/10/21 00:07	04/14/21 00:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	446	150	1	04/10/21 00:07	04/14/21 00:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	446	158	1	04/10/21 00:07	04/14/21 00:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	446	212	1	04/10/21 00:07	04/14/21 00:13	108-60-1	
Pentachlorophenol	ND	ug/kg	892	437	1	04/10/21 00:07	04/14/21 00:13	87-86-5	
Phenanthrene	**553**	ug/kg	446	146	1	04/10/21 00:07	04/14/21 00:13	85-01-8	
Phenol	ND	ug/kg	446	199	1	04/10/21 00:07	04/14/21 00:13	108-95-2	
Pyrene	**510**	ug/kg	446	181	1	04/10/21 00:07	04/14/21 00:13	129-00-0	
Pyridine	ND	ug/kg	446	141	1	04/10/21 00:07	04/14/21 00:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	446	204	1	04/10/21 00:07	04/14/21 00:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	446	184	1	04/10/21 00:07	04/14/21 00:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		1	04/10/21 00:07	04/14/21 00:13	4165-60-0	
2-Fluorobiphenyl (S)	51	%	19-130		1	04/10/21 00:07	04/14/21 00:13	321-60-8	
Terphenyl-d14 (S)	38	%	15-130		1	04/10/21 00:07	04/14/21 00:13	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/10/21 00:07	04/14/21 00:13	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/10/21 00:07	04/14/21 00:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	80	%	18-130		1	04/10/21 00:07	04/14/21 00:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	609	196	4	04/08/21 15:45	04/09/21 11:09	67-64-1	
Benzene	**170**	ug/kg	30.5	12.1	4	04/08/21 15:45	04/09/21 11:09	71-43-2	
Bromobenzene	ND	ug/kg	30.5	9.9	4	04/08/21 15:45	04/09/21 11:09	108-86-1	
Bromochloromethane	ND	ug/kg	30.5	9.0	4	04/08/21 15:45	04/09/21 11:09	74-97-5	
Bromodichloromethane	ND	ug/kg	30.5	11.8	4	04/08/21 15:45	04/09/21 11:09	75-27-4	
Bromoform	ND	ug/kg	30.5	10.7	4	04/08/21 15:45	04/09/21 11:09	75-25-2	
Bromomethane	ND	ug/kg	60.9	48.1	4	04/08/21 15:45	04/09/21 11:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	609	146	4	04/08/21 15:45	04/09/21 11:09	78-93-3	
n-Butylbenzene	ND	ug/kg	30.5	14.4	4	04/08/21 15:45	04/09/21 11:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	30.5	13.4	4	04/08/21 15:45	04/09/21 11:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	30.5	11.4	4	04/08/21 15:45	04/09/21 11:09	56-23-5	
Chlorobenzene	ND	ug/kg	30.5	5.8	4	04/08/21 15:45	04/09/21 11:09	108-90-7	
Chloroethane	ND	ug/kg	60.9	23.5	4	04/08/21 15:45	04/09/21 11:09	75-00-3	
Chloroform	ND	ug/kg	30.5	18.5	4	04/08/21 15:45	04/09/21 11:09	67-66-3	
Chloromethane	ND	ug/kg	60.9	25.6	4	04/08/21 15:45	04/09/21 11:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	30.5	5.4	4	04/08/21 15:45	04/09/21 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	30.5	11.8	4	04/08/21 15:45	04/09/21 11:09	96-12-8	
Dibromochloromethane	ND	ug/kg	30.5	17.1	4	04/08/21 15:45	04/09/21 11:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	30.5	13.4	4	04/08/21 15:45	04/09/21 11:09	106-93-4	
Dibromomethane	ND	ug/kg	30.5	6.5	4	04/08/21 15:45	04/09/21 11:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	30.5	11.0	4	04/08/21 15:45	04/09/21 11:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	30.5	9.4	4	04/08/21 15:45	04/09/21 11:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	30.5	7.9	4	04/08/21 15:45	04/09/21 11:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	60.9	13.2	4	04/08/21 15:45	04/09/21 11:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	30.5	12.5	4	04/08/21 15:45	04/09/21 11:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	30.5	20.2	4	04/08/21 15:45	04/09/21 11:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	30.5	12.5	4	04/08/21 15:45	04/09/21 11:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	30.5	10.4	4	04/08/21 15:45	04/09/21 11:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	30.5	10.7	4	04/08/21 15:45	04/09/21 11:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	30.5	9.1	4	04/08/21 15:45	04/09/21 11:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	30.5	9.5	4	04/08/21 15:45	04/09/21 11:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	30.5	9.9	4	04/08/21 15:45	04/09/21 11:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	30.5	14.6	4	04/08/21 15:45	04/09/21 11:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	30.5	8.3	4	04/08/21 15:45	04/09/21 11:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	30.5	10.5	4	04/08/21 15:45	04/09/21 11:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	30.5	8.2	4	04/08/21 15:45	04/09/21 11:09	108-20-3	
Ethylbenzene	**278**	ug/kg	30.5	14.2	4	04/08/21 15:45	04/09/21 11:09	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	60.9	49.8	4	04/08/21 15:45	04/09/21 11:09	87-68-3	
2-Hexanone	ND	ug/kg	305	29.4	4	04/08/21 15:45	04/09/21 11:09	591-78-6	
Isopropylbenzene (Cumene)	**26.8J**	ug/kg	30.5	10.4	4	04/08/21 15:45	04/09/21 11:09	98-82-8	
p-Isopropyltoluene	**36.7**	ug/kg	30.5	15.0	4	04/08/21 15:45	04/09/21 11:09	99-87-6	
Methylene Chloride	ND	ug/kg	122	83.4	4	04/08/21 15:45	04/09/21 11:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	305	29.4	4	04/08/21 15:45	04/09/21 11:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	30.5	11.4	4	04/08/21 15:45	04/09/21 11:09	1634-04-4	
Naphthalene	**18800**	ug/kg	30.5	16.0	4	04/08/21 15:45	04/09/21 11:09	91-20-3	
n-Propylbenzene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	103-65-1	
Styrene	**25.2J**	ug/kg	30.5	8.0	4	04/08/21 15:45	04/09/21 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	30.5	11.7	4	04/08/21 15:45	04/09/21 11:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	30.5	8.0	4	04/08/21 15:45	04/09/21 11:09	79-34-5	
Tetrachloroethene	ND	ug/kg	30.5	9.6	4	04/08/21 15:45	04/09/21 11:09	127-18-4	
Toluene	**144**	ug/kg	30.5	8.6	4	04/08/21 15:45	04/09/21 11:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	30.5	24.6	4	04/08/21 15:45	04/09/21 11:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	30.5	25.6	4	04/08/21 15:45	04/09/21 11:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	30.5	15.8	4	04/08/21 15:45	04/09/21 11:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	30.5	10.1	4	04/08/21 15:45	04/09/21 11:09	79-00-5	
Trichloroethene	ND	ug/kg	30.5	7.9	4	04/08/21 15:45	04/09/21 11:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	30.5	16.8	4	04/08/21 15:45	04/09/21 11:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	30.5	15.4	4	04/08/21 15:45	04/09/21 11:09	96-18-4	
1,2,4-Trimethylbenzene	**331**	ug/kg	30.5	8.3	4	04/08/21 15:45	04/09/21 11:09	95-63-6	
1,3,5-Trimethylbenzene	**129**	ug/kg	30.5	10.2	4	04/08/21 15:45	04/09/21 11:09	108-67-8	
Vinyl acetate	ND	ug/kg	305	22.2	4	04/08/21 15:45	04/09/21 11:09	108-05-4	
Vinyl chloride	ND	ug/kg	60.9	15.5	4	04/08/21 15:45	04/09/21 11:09	75-01-4	
Xylene (Total)	**538**	ug/kg	60.9	17.4	4	04/08/21 15:45	04/09/21 11:09	1330-20-7	
m&p-Xylene	**310**	ug/kg	60.9	20.8	4	04/08/21 15:45	04/09/21 11:09	179601-23-1	
o-Xylene	**228**	ug/kg	30.5	13.5	4	04/08/21 15:45	04/09/21 11:09	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		4	04/08/21 15:45	04/09/21 11:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		4	04/08/21 15:45	04/09/21 11:09	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		4	04/08/21 15:45	04/09/21 11:09	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**27.0**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 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	04/12/21 06:11	04/12/21 18:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/12/21 06:11	04/12/21 18:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/12/21 06:11	04/12/21 18:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/12/21 06:11	04/12/21 18:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/12/21 06:11	04/12/21 18:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/12/21 06:11	04/12/21 18:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/12/21 06:11	04/12/21 18:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/12/21 06:11	04/12/21 18:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/12/21 06:11	04/12/21 18:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/12/21 06:11	04/12/21 18:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/12/21 06:11	04/12/21 18:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/12/21 06:11	04/12/21 18:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/12/21 06:11	04/12/21 18:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/12/21 06:11	04/12/21 18:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/12/21 06:11	04/12/21 18:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/12/21 06:11	04/12/21 18:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/12/21 06:11	04/12/21 18:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/12/21 06:11	04/12/21 18:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/12/21 06:11	04/12/21 18:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/12/21 06:11	04/12/21 18:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/12/21 06:11	04/12/21 18:26	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	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: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 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	04/12/21 06:11	04/12/21 18:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/12/21 06:11	04/12/21 18:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/12/21 06:11	04/12/21 18:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/12/21 06:11	04/12/21 18:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/12/21 06:11	04/12/21 18:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/12/21 06:11	04/12/21 18:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/12/21 06:11	04/12/21 18:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	49	%	10-144		1	04/12/21 06:11	04/12/21 18:26	4165-60-0	
2-Fluorobiphenyl (S)	36	%	10-130		1	04/12/21 06:11	04/12/21 18:26	321-60-8	
Terphenyl-d14 (S)	83	%	34-163		1	04/12/21 06:11	04/12/21 18:26	1718-51-0	
Phenol-d6 (S)	28	%	10-130		1	04/12/21 06:11	04/12/21 18:26	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	04/12/21 06:11	04/12/21 18:26	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		1	04/12/21 06:11	04/12/21 18:26	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 18:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	121	%	67-170		1	04/12/21 10:54	04/12/21 18:50	4165-60-0	
2-Fluorobiphenyl (S)	136	%	61-163		1	04/12/21 10:54	04/12/21 18:50	321-60-8	
Terphenyl-d14 (S)	118	%	62-169		1	04/12/21 10:54	04/12/21 18:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**12.7J**	ug/L	25.0	5.1	1		04/12/21 15:49	67-64-1	C0
Benzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/12/21 15:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/12/21 15:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/12/21 15:49	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/12/21 15:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/12/21 15:49	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/12/21 15:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/12/21 15:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/12/21 15:49	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		04/12/21 15:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/12/21 15:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/12/21 15:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/12/21 15:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/12/21 15:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/12/21 15:49	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/12/21 15:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/12/21 15:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/12/21 15:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/12/21 15:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/12/21 15:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/12/21 15:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/12/21 15:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/12/21 15:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/12/21 15:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/12/21 15:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/12/21 15:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/12/21 15:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/12/21 15:49	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/12/21 15:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/12/21 15:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/12/21 15:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/12/21 15:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/12/21 15:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/12/21 15:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/12/21 15:49	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/12/21 15:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/12/21 15:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/12/21 15:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/12/21 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/12/21 15:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/12/21 15:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/12/21 15:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/12/21 15:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/12/21 15:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/12/21 15:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/12/21 15:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/12/21 15:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/12/21 15:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/12/21 15:49	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/12/21 15:49	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 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		04/12/21 15:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/12/21 15:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/12/21 15:49	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		04/12/21 15:49	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/12/21 15:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: TRIP BLANK **Lab ID: 92531952015** Collected: 04/08/21 00:00 Received: 04/08/21 08:00 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		04/08/21 15:29	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/08/21 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/08/21 15:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/08/21 15:29	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/08/21 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/08/21 15:29	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/08/21 15:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/08/21 15:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/08/21 15:29	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/08/21 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/08/21 15:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/08/21 15:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/08/21 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/08/21 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/08/21 15:29	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/08/21 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/08/21 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/08/21 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/08/21 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/08/21 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/08/21 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/08/21 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/08/21 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/08/21 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/08/21 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/08/21 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/08/21 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/08/21 15:29	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/08/21 15:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/08/21 15:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/08/21 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/08/21 15:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/08/21 15:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/08/21 15:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/08/21 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/08/21 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/08/21 15:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/08/21 15:29	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/08/21 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/08/21 15:29	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: TRIP BLANK **Lab ID: 92531952015** Collected: 04/08/21 00:00 Received: 04/08/21 08:00 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		04/08/21 15:29	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/08/21 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/08/21 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/08/21 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/08/21 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/08/21 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/08/21 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/08/21 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/08/21 15:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/08/21 15:29	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/08/21 15:29	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/08/21 15:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/08/21 15:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/08/21 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		04/08/21 15:29	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/08/21 15:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612349
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952015

METHOD BLANK: 3223149 Matrix: Water
Associated Lab Samples: 92531952015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/08/21 10:32	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/08/21 10:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/08/21 10:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/08/21 10:32	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/08/21 10:32	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/08/21 10:32	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/08/21 10:32	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/08/21 10:32	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/08/21 10:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/08/21 10:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/08/21 10:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/08/21 10:32	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/08/21 10:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/08/21 10:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/08/21 10:32	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/08/21 10:32	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/08/21 10:32	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/08/21 10:32	
2-Hexanone	ug/L	ND	5.0	0.48	04/08/21 10:32	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/08/21 10:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/08/21 10:32	
Acetone	ug/L	ND	25.0	5.1	04/08/21 10:32	
Benzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
Bromobenzene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Bromochloromethane	ug/L	ND	1.0	0.47	04/08/21 10:32	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/08/21 10:32	
Bromoform	ug/L	ND	1.0	0.34	04/08/21 10:32	IK
Bromomethane	ug/L	ND	2.0	1.7	04/08/21 10:32	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/08/21 10:32	
Chlorobenzene	ug/L	ND	1.0	0.28	04/08/21 10:32	
Chloroethane	ug/L	ND	1.0	0.65	04/08/21 10:32	
Chloroform	ug/L	ND	5.0	1.6	04/08/21 10:32	
Chloromethane	ug/L	ND	1.0	0.54	04/08/21 10:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/08/21 10:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/08/21 10:32	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/08/21 10:32	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/08/21 10:32	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/08/21 10:32	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3223149 Matrix: Water
Associated Lab Samples: 92531952015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/08/21 10:32	
Ethylbenzene	ug/L	ND	1.0	0.30	04/08/21 10:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/08/21 10:32	
m&p-Xylene	ug/L	ND	2.0	0.71	04/08/21 10:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/08/21 10:32	
Methylene Chloride	ug/L	ND	5.0	2.0	04/08/21 10:32	
Naphthalene	ug/L	ND	1.0	0.64	04/08/21 10:32	
o-Xylene	ug/L	ND	1.0	0.34	04/08/21 10:32	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/08/21 10:32	
Styrene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Toluene	ug/L	ND	1.0	0.48	04/08/21 10:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/08/21 10:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/08/21 10:32	
Trichloroethene	ug/L	ND	1.0	0.38	04/08/21 10:32	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/08/21 10:32	
Vinyl acetate	ug/L	ND	2.0	1.3	04/08/21 10:32	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/08/21 10:32	
Xylene (Total)	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,2-Dichloroethane-d4 (S)	%	92	70-130		04/08/21 10:32	
4-Bromofluorobenzene (S)	%	98	70-130		04/08/21 10:32	
Toluene-d8 (S)	%	112	70-130		04/08/21 10:32	

LABORATORY CONTROL SAMPLE: 3223150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.1	88	70-130	
1,1,1-Trichloroethane	ug/L	50	56.0	112	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	70-130	
1,1,2-Trichloroethane	ug/L	50	42.4	85	70-130	
1,1-Dichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethene	ug/L	50	49.1	98	70-130	
1,1-Dichloropropene	ug/L	50	48.1	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2,3-Trichloropropane	ug/L	50	48.4	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.5	111	70-130	
1,2-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,2-Dichloroethane	ug/L	50	52.5	105	70-130	
1,2-Dichloropropane	ug/L	50	51.8	104	70-130	
1,3-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,3-Dichloropropane	ug/L	50	44.5	89	70-130	
1,4-Dichlorobenzene	ug/L	50	48.1	96	70-130	
2,2-Dichloropropane	ug/L	50	59.8	120	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3223150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	IK
2-Chlorotoluene	ug/L	50	50.1	100	70-130	
2-Hexanone	ug/L	100	92.3	92	70-130	
4-Chlorotoluene	ug/L	50	48.2	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.9	89	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromobenzene	ug/L	50	51.2	102	70-130	
Bromochloromethane	ug/L	50	55.2	110	70-130	
Bromodichloromethane	ug/L	50	52.0	104	70-130	
Bromoform	ug/L	50	44.1	88	70-130	IK
Bromomethane	ug/L	50	53.3	107	70-130	
Carbon tetrachloride	ug/L	50	53.1	106	70-130	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	50.2	100	70-130	
Chloroform	ug/L	50	52.2	104	70-130	
Chloromethane	ug/L	50	44.5	89	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.3	97	70-130	IK
Dibromochloromethane	ug/L	50	47.2	94	70-130	IK
Dibromomethane	ug/L	50	48.1	96	70-130	
Dichlorodifluoromethane	ug/L	50	46.1	92	70-130	
Diisopropyl ether	ug/L	50	52.8	106	70-130	
Ethylbenzene	ug/L	50	48.3	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.0	96	70-130	
m&p-Xylene	ug/L	100	95.4	95	70-130	
Methyl-tert-butyl ether	ug/L	50	51.6	103	70-130	
Methylene Chloride	ug/L	50	40.3	81	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.1	94	70-130	
p-Isopropyltoluene	ug/L	50	50.8	102	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	46.9	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.7	85	70-130	
Trichloroethene	ug/L	50	54.6	109	70-130	
Trichlorofluoromethane	ug/L	50	46.9	94	70-130	
Vinyl acetate	ug/L	100	104	104	70-130	IK
Vinyl chloride	ug/L	50	47.1	94	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223151 3223152

Parameter	Units	92531836001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.0	17.7	95	89	73-134	7	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	27.1	26.7	135	133	82-143	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.3	19.4	96	97	70-136	1	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	19.7	104	99	70-135	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.4	24.6	117	123	70-139	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.5	23.3	123	117	70-154	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.0	20.9	105	104	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.9	19.9	115	99	70-135	14	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.1	19.0	100	95	71-137	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.5	18.8	108	94	73-140	14	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.3	21.0	101	105	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.7	19.3	103	96	70-133	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.0	23.3	115	116	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.1	21.9	110	110	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	20.1	106	100	70-135	5	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.8	16.9	89	85	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.2	19.5	106	98	70-133	8	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.6	25.6	128	128	61-148	0	30	
2-Butanone (MEK)	ug/L	14.5	40	40	55.5	116	102	254	60-139	70	30	IK,M1, R1
2-Chlorotoluene	ug/L	ND	20	20	21.5	20.7	108	104	70-144	4	30	
2-Hexanone	ug/L	ND	40	40	40.4	46.2	101	115	65-138	13	30	
4-Chlorotoluene	ug/L	ND	20	20	20.0	19.4	100	97	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.2	38.2	93	95	65-135	3	30	
Acetone	ug/L	71.8	40	40	76.2	191	11	299	60-148	86	30	M1,R1
Benzene	ug/L	ND	20	20	24.8	24.1	124	121	70-151	3	30	
Bromobenzene	ug/L	ND	20	20	21.4	20.7	107	104	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	25.3	25.1	127	126	70-141	1	30	
Bromodichloromethane	ug/L	ND	20	20	23.9	22.2	120	111	70-138	8	30	
Bromoform	ug/L	ND	20	20	17.0	17.1	85	85	63-130	0	30	IK
Bromomethane	ug/L	ND	20	20	25.2	26.2	126	131	15-152	4	30	
Carbon tetrachloride	ug/L	ND	20	20	27.2	26.2	136	131	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	22.2	21.1	111	106	70-138	5	30	
Chloroethane	ug/L	ND	20	20	24.8	27.3	124	136	52-163	9	30	
Chloroform	ug/L	ND	20	20	22.7	24.1	113	120	70-139	6	30	
Chloromethane	ug/L	ND	20	20	18.8	23.0	94	115	41-139	20	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.9	118	119	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	19.7	99	99	70-137	0	30	IK
Dibromochloromethane	ug/L	ND	20	20	18.4	18.1	92	90	70-134	2	30	IK
Dibromomethane	ug/L	ND	20	20	22.9	23.0	114	115	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.5	117	117	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	19.2	20.4	96	102	63-144	6	30	
Ethylbenzene	ug/L	ND	20	20	22.4	21.3	112	106	66-153	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	14.5	103	72	65-149	35	30	R1

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223151 3223152

Parameter	Units	92531836001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
m&p-Xylene	ug/L	ND	40	40	45.8	43.2	115	108	69-152	6	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	18.6	20.0	93	100	54-156	7	30	
Methylene Chloride	ug/L	ND	20	20	19.1	18.9	96	95	42-159	1	30	
Naphthalene	ug/L	10.5	20	20	33.1	31.7	113	106	61-148	4	30	
o-Xylene	ug/L	ND	20	20	22.2	21.5	111	108	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.9	20.0	110	100	70-146	9	30	
Styrene	ug/L	ND	20	20	22.4	21.5	112	108	70-135	4	30	
Tetrachloroethene	ug/L	ND	20	20	23.1	22.3	116	111	59-143	4	30	
Toluene	ug/L	16.2	20	20	41.5	45.7	127	147	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.7	23.8	124	119	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.1	19.2	95	96	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	25.0	22.5	125	113	70-147	10	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.0	23.9	120	119	70-148	0	30	
Vinyl acetate	ug/L	ND	40	40	40.2	39.8	100	99	49-151	1	30	IK
Vinyl chloride	ug/L	ND	20	20	23.8	24.6	119	123	70-156	3	30	
Xylene (Total)	ug/L	ND	60	60	68.1	64.7	113	108	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						104	106	70-130			
4-Bromofluorobenzene (S)	%						100	96	70-130			
Toluene-d8 (S)	%						101	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613057
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226783 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/12/21 12:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/12/21 12:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/12/21 12:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/12/21 12:53	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/12/21 12:53	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/12/21 12:53	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/12/21 12:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/12/21 12:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/12/21 12:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/12/21 12:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/12/21 12:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/12/21 12:53	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/12/21 12:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/12/21 12:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/12/21 12:53	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/12/21 12:53	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/12/21 12:53	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/12/21 12:53	
2-Hexanone	ug/L	ND	5.0	0.48	04/12/21 12:53	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/12/21 12:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/12/21 12:53	
Acetone	ug/L	ND	25.0	5.1	04/12/21 12:53	
Benzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
Bromobenzene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Bromochloromethane	ug/L	ND	1.0	0.47	04/12/21 12:53	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/12/21 12:53	
Bromoform	ug/L	ND	1.0	0.34	04/12/21 12:53	IK
Bromomethane	ug/L	ND	2.0	1.7	04/12/21 12:53	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/12/21 12:53	
Chlorobenzene	ug/L	ND	1.0	0.28	04/12/21 12:53	
Chloroethane	ug/L	ND	1.0	0.65	04/12/21 12:53	
Chloroform	ug/L	ND	5.0	1.6	04/12/21 12:53	
Chloromethane	ug/L	ND	1.0	0.54	04/12/21 12:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/12/21 12:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/12/21 12:53	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/12/21 12:53	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/12/21 12:53	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/12/21 12:53	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3226783 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/12/21 12:53	
Ethylbenzene	ug/L	ND	1.0	0.30	04/12/21 12:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/12/21 12:53	
m&p-Xylene	ug/L	ND	2.0	0.71	04/12/21 12:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/12/21 12:53	
Methylene Chloride	ug/L	ND	5.0	2.0	04/12/21 12:53	v2
Naphthalene	ug/L	ND	1.0	0.64	04/12/21 12:53	
o-Xylene	ug/L	ND	1.0	0.34	04/12/21 12:53	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/12/21 12:53	
Styrene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Toluene	ug/L	ND	1.0	0.48	04/12/21 12:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/12/21 12:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/12/21 12:53	
Trichloroethene	ug/L	ND	1.0	0.38	04/12/21 12:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/12/21 12:53	
Vinyl acetate	ug/L	ND	2.0	1.3	04/12/21 12:53	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/12/21 12:53	
Xylene (Total)	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,2-Dichloroethane-d4 (S)	%	97	70-130		04/12/21 12:53	
4-Bromofluorobenzene (S)	%	102	70-130		04/12/21 12:53	
Toluene-d8 (S)	%	110	70-130		04/12/21 12:53	

LABORATORY CONTROL SAMPLE: 3226784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.0	94	70-130	
1,1,1-Trichloroethane	ug/L	50	58.7	117	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.6	99	70-130	
1,1,2-Trichloroethane	ug/L	50	47.1	94	70-130	
1,1-Dichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethene	ug/L	50	46.9	94	70-130	
1,1-Dichloropropene	ug/L	50	49.9	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.2	110	70-130	
1,2,3-Trichloropropane	ug/L	50	51.8	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.3	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	56.4	113	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	54.8	110	70-130	
1,3-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,3-Dichloropropane	ug/L	50	46.0	92	70-130	
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
2,2-Dichloropropane	ug/L	50	58.7	117	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	IK
2-Chlorotoluene	ug/L	50	51.0	102	70-130	
2-Hexanone	ug/L	100	99.1	99	70-130	
4-Chlorotoluene	ug/L	50	50.8	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.7	96	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	57.5	115	70-130	
Bromobenzene	ug/L	50	53.5	107	70-130	
Bromochloromethane	ug/L	50	57.0	114	70-130	
Bromodichloromethane	ug/L	50	52.7	105	70-130	
Bromoform	ug/L	50	48.4	97	70-130	IK
Bromomethane	ug/L	50	49.8	100	70-130	
Carbon tetrachloride	ug/L	50	55.6	111	70-130	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	44.1	88	70-130	
Chloroform	ug/L	50	52.9	106	70-130	
Chloromethane	ug/L	50	41.8	84	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	IK
Dibromochloromethane	ug/L	50	52.1	104	70-130	IK
Dibromomethane	ug/L	50	54.1	108	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	53.1	106	70-130	
Ethylbenzene	ug/L	50	50.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.2	108	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	54.2	108	70-130	
Methylene Chloride	ug/L	50	38.8	78	70-130	v3
Naphthalene	ug/L	50	54.1	108	70-130	
o-Xylene	ug/L	50	49.2	98	70-130	
p-Isopropyltoluene	ug/L	50	52.0	104	70-130	
Styrene	ug/L	50	50.1	100	70-130	
Tetrachloroethene	ug/L	50	53.9	108	70-130	
Toluene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Trichloroethene	ug/L	50	62.1	124	70-130	
Trichlorofluoromethane	ug/L	50	47.1	94	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	IK
Vinyl chloride	ug/L	50	41.6	83	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3226786

Parameter	Units	92532398007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	16.8	84	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	28.1	141	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.3	91	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	19.2	96	70-135	
1,1-Dichloroethane	ug/L	ND	20	24.3	122	70-139	
1,1-Dichloroethene	ug/L	ND	20	23.7	118	70-154	
1,1-Dichloropropene	ug/L	ND	20	20.5	102	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.5	98	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	18.4	92	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.7	99	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.8	99	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	20.3	102	70-133	
1,2-Dichloroethane	ug/L	ND	20	24.6	123	70-137	
1,2-Dichloropropane	ug/L	ND	20	21.3	106	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	20.5	103	70-135	
1,3-Dichloropropane	ug/L	ND	20	16.4	82	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	20.5	103	70-133	
2,2-Dichloropropane	ug/L	ND	20	27.2	136	61-148	
2-Butanone (MEK)	ug/L	ND	40	42.9	107	60-139	IK
2-Chlorotoluene	ug/L	ND	20	20.1	101	70-144	
2-Hexanone	ug/L	ND	40	35.9	90	65-138	
4-Chlorotoluene	ug/L	ND	20	20.2	101	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.1	95	65-135	
Acetone	ug/L	ND	40	42.4	106	60-148	
Benzene	ug/L	ND	20	23.1	115	70-151	
Bromobenzene	ug/L	ND	20	20.4	102	70-136	
Bromochloromethane	ug/L	ND	20	25.8	129	70-141	
Bromodichloromethane	ug/L	ND	20	21.9	109	70-138	
Bromoform	ug/L	ND	20	16.8	84	63-130	IK
Bromomethane	ug/L	ND	20	22.9	114	15-152	
Carbon tetrachloride	ug/L	ND	20	27.0	135	70-143	
Chlorobenzene	ug/L	ND	20	22.8	114	70-138	
Chloroethane	ug/L	ND	20	24.4	122	52-163	
Chloroform	ug/L	1.9J	20	27.6	128	70-139	
Chloromethane	ug/L	ND	20	18.7	94	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	23.3	117	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	19.3	97	70-137	IK
Dibromochloromethane	ug/L	ND	20	18.7	93	70-134	IK
Dibromomethane	ug/L	ND	20	22.4	112	70-138	
Dichlorodifluoromethane	ug/L	ND	20	22.5	113	47-155	
Diisopropyl ether	ug/L	ND	20	20.7	104	63-144	
Ethylbenzene	ug/L	ND	20	20.9	104	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.5	108	65-149	
m&p-Xylene	ug/L	ND	40	41.5	104	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	19.5	97	54-156	
Methylene Chloride	ug/L	ND	20	19.3	96	42-159	v3
Naphthalene	ug/L	ND	20	17.9	90	61-148	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3226786

Parameter	Units	92532398007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	20.9	105	70-148	
p-Isopropyltoluene	ug/L	ND	20	20.1	101	70-146	
Styrene	ug/L	ND	20	20.7	104	70-135	
Tetrachloroethene	ug/L	ND	20	21.7	108	59-143	
Toluene	ug/L	ND	20	23.1	116	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	25.0	125	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	19.9	99	70-135	
Trichloroethene	ug/L	ND	20	25.2	126	70-147	
Trichlorofluoromethane	ug/L	ND	20	24.9	125	70-148	
Vinyl acetate	ug/L	ND	40	37.5	94	49-151	IK
Vinyl chloride	ug/L	ND	20	22.1	111	70-156	
Xylene (Total)	ug/L	ND	60	62.4	104	63-158	
1,2-Dichloroethane-d4 (S)	%				106	70-130	
4-Bromofluorobenzene (S)	%				95	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 3226785

Parameter	Units	92532398005 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	IK
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	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3226785

Parameter	Units	92532398005 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	IK
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	IK
Dibromochloromethane	ug/L	ND	ND		30	IK
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	v2
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)	%	93	98			
4-Bromofluorobenzene (S)	%	100	104			
Toluene-d8 (S)	%	114	111			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612471
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

METHOD BLANK: 3224076
Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/09/21 01:33	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/09/21 01:33	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/09/21 01:33	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/09/21 01:33	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/09/21 01:33	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/09/21 01:33	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/09/21 01:33	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/09/21 01:33	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/09/21 01:33	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/09/21 01:33	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/09/21 01:33	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/09/21 01:33	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/09/21 01:33	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 01:33	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 01:33	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/09/21 01:33	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
2-Hexanone	ug/kg	ND	50.0	4.8	04/09/21 01:33	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/09/21 01:33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/09/21 01:33	
Acetone	ug/kg	ND	100	32.1	04/09/21 01:33	
Benzene	ug/kg	ND	5.0	2.0	04/09/21 01:33	
Bromobenzene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/09/21 01:33	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Bromoform	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Bromomethane	ug/kg	ND	10.0	7.9	04/09/21 01:33	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/09/21 01:33	
Chloroethane	ug/kg	ND	10.0	3.9	04/09/21 01:33	
Chloroform	ug/kg	ND	5.0	3.0	04/09/21 01:33	
Chloromethane	ug/kg	ND	10.0	4.2	04/09/21 01:33	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/09/21 01:33	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3224076 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/09/21 01:33	
Dibromomethane	ug/kg	ND	5.0	1.1	04/09/21 01:33	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/09/21 01:33	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/09/21 01:33	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/09/21 01:33	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/09/21 01:33	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/09/21 01:33	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/09/21 01:33	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/09/21 01:33	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/09/21 01:33	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Naphthalene	ug/kg	ND	5.0	2.6	04/09/21 01:33	
o-Xylene	ug/kg	ND	5.0	2.2	04/09/21 01:33	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/09/21 01:33	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/09/21 01:33	
Styrene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
Toluene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/09/21 01:33	
Trichloroethene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/09/21 01:33	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/09/21 01:33	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/09/21 01:33	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/09/21 01:33	
1,2-Dichloroethane-d4 (S)	%	110	70-130		04/09/21 01:33	
4-Bromofluorobenzene (S)	%	106	69-134		04/09/21 01:33	
Toluene-d8 (S)	%	100	70-130		04/09/21 01:33	

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1220	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1250	100	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1310	105	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1210	96	65-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1250	100	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1170	93	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1210	97	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1270	102	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1180	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1270	102	63-130	
1,2-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	101	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1130	91	70-130	
1,3-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1170	93	70-130	
2,2-Dichloropropane	ug/kg	1250	1130	90	66-130	
2-Butanone (MEK)	ug/kg	2500	2840	114	70-130	
2-Chlorotoluene	ug/kg	1250	1330	106	70-130	
2-Hexanone	ug/kg	2500	2920	117	70-130	
4-Chlorotoluene	ug/kg	1250	1240	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2810	112	70-130	
Acetone	ug/kg	2500	2890	116	69-130	
Benzene	ug/kg	1250	1270	102	70-130	
Bromobenzene	ug/kg	1250	1220	98	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1240	100	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1200	96	52-130	
Carbon tetrachloride	ug/kg	1250	1240	99	70-130	
Chlorobenzene	ug/kg	1250	1200	96	70-130	
Chloroethane	ug/kg	1250	1340	107	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1310	105	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1280	102	70-130	
Dibromochloromethane	ug/kg	1250	1250	100	70-130	
Dibromomethane	ug/kg	1250	1190	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	98	45-156	
Diisopropyl ether	ug/kg	1250	1330	106	70-130	
Ethylbenzene	ug/kg	1250	1180	95	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2510	101	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1250	100	70-130	
Methylene Chloride	ug/kg	1250	1400	112	65-130	
n-Butylbenzene	ug/kg	1250	1180	94	67-130	
n-Propylbenzene	ug/kg	1250	1230	99	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1240	99	70-130	
p-Isopropyltoluene	ug/kg	1250	1200	96	67-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1170	94	69-130	
Styrene	ug/kg	1250	1290	104	70-130	
tert-Butylbenzene	ug/kg	1250	1200	96	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1230	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1150	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1110	89	70-130	
Vinyl acetate	ug/kg	2500	3100	124	70-130	
Vinyl chloride	ug/kg	1250	1220	98	61-130	
Xylene (Total)	ug/kg	3750	3760	100	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3224079

Parameter	Units	92531952002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1120	1300	116	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1120	1280	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1120	1290	115	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1120	1280	114	66-133	
1,1-Dichloroethane	ug/kg	ND	1120	1270	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1120	1330	119	10-158	
1,1-Dichloropropene	ug/kg	ND	1120	1340	120	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1120	1340	119	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1120	1230	110	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1120	1260	112	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1120	1320	118	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1120	1130	101	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1120	1290	115	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1120	1240	111	69-130	
1,2-Dichloroethane	ug/kg	ND	1120	1340	120	59-130	
1,2-Dichloropropane	ug/kg	ND	1120	1410	126	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1120	1340	120	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1120	1220	109	70-130	
1,3-Dichloropropane	ug/kg	ND	1120	1400	125	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1120	1220	109	68-130	
2,2-Dichloropropane	ug/kg	ND	1120	1020	91	32-130	
2-Butanone (MEK)	ug/kg	ND	2230	2650	118	10-136	
2-Chlorotoluene	ug/kg	ND	1120	1370	122	69-141	
2-Hexanone	ug/kg	ND	2230	2750	123	10-144	
4-Chlorotoluene	ug/kg	ND	1120	1300	116	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	2230	2740	122	25-143	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3224079

Parameter	Units	92531952002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	ND	2230	2320	103	10-130	
Benzene	ug/kg	ND	1120	1370	122	67-130	
Bromobenzene	ug/kg	ND	1120	1270	113	70-130	
Bromochloromethane	ug/kg	ND	1120	1180	105	69-134	
Bromodichloromethane	ug/kg	ND	1120	1280	114	64-130	
Bromoform	ug/kg	ND	1120	1160	103	62-130	
Bromomethane	ug/kg	ND	1120	1010	90	20-176	
Carbon tetrachloride	ug/kg	ND	1120	1260	112	65-140	
Chlorobenzene	ug/kg	ND	1120	1300	116	70-130	
Chloroethane	ug/kg	ND	1120	525	47	10-130	
Chloroform	ug/kg	ND	1120	1210	108	63-130	
Chloromethane	ug/kg	ND	1120	1500	134	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1120	1350	121	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1120	1280	114	67-130	
Dibromochloromethane	ug/kg	ND	1120	1250	112	67-130	
Dibromomethane	ug/kg	ND	1120	1200	107	63-131	
Dichlorodifluoromethane	ug/kg	ND	1120	1390	124	44-180	
Diisopropyl ether	ug/kg	ND	1120	1330	119	63-130	
Ethylbenzene	ug/kg	ND	1120	1310	117	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1120	1340	119	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1120	1390	124	69-135	
m&p-Xylene	ug/kg	ND	2230	2790	125	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1120	1220	109	65-130	
Methylene Chloride	ug/kg	ND	1120	1400	125	61-130	
n-Butylbenzene	ug/kg	ND	1120	1280	114	65-140	
n-Propylbenzene	ug/kg	ND	1120	1340	120	67-140	
Naphthalene	ug/kg	23.7	1120	1300	114	15-145	
o-Xylene	ug/kg	ND	1120	1350	120	66-133	
p-Isopropyltoluene	ug/kg	ND	1120	1320	118	56-147	
sec-Butylbenzene	ug/kg	ND	1120	1320	118	65-139	
Styrene	ug/kg	ND	1120	1390	124	70-132	
tert-Butylbenzene	ug/kg	ND	1120	1300	116	62-135	
Tetrachloroethene	ug/kg	ND	1120	1260	113	70-135	
Toluene	ug/kg	ND	1120	1330	119	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1120	1350	121	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1120	1250	112	62-130	
Trichloroethene	ug/kg	ND	1120	1260	113	70-135	
Trichlorofluoromethane	ug/kg	ND	1120	462	41	10-130	
Vinyl acetate	ug/kg	ND	2230	2870	128	53-130	
Vinyl chloride	ug/kg	ND	1120	1340	120	61-148	
Xylene (Total)	ug/kg	ND	3370	4140	123	63-132	
1,2-Dichloroethane-d4 (S)	%				128	70-130	
4-Bromofluorobenzene (S)	%				106	69-134	
Toluene-d8 (S)	%				101	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3224078

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	76.1	75.3	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	37.6J	35.7J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	365J	382J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	746J	857		30	
Benzene	ug/kg	95.7	102	6	30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	63.5	66.1	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	35.0J	30.9J		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3224078

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	158	176	11	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	1980	2170	9	30	
o-Xylene	ug/kg	58.6	68.6	16	30	
p-Isopropyltoluene	ug/kg	ND	21.4J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	100	109	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	216	245	12	30	
1,2-Dichloroethane-d4 (S)	%	110	110			
4-Bromofluorobenzene (S)	%	107	109			
Toluene-d8 (S)	%	103	101			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612777
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952012

METHOD BLANK: 3225522 Matrix: Solid
Associated Lab Samples: 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/09/21 15:49	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/09/21 15:49	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/09/21 15:49	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/09/21 15:49	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/09/21 15:49	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/09/21 15:49	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/09/21 15:49	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/09/21 15:49	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/09/21 15:49	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/09/21 15:49	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/09/21 15:49	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/09/21 15:49	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/09/21 15:49	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 15:49	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 15:49	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/09/21 15:49	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
2-Hexanone	ug/kg	ND	50.0	4.8	04/09/21 15:49	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/09/21 15:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/09/21 15:49	
Acetone	ug/kg	ND	100	32.1	04/09/21 15:49	
Benzene	ug/kg	ND	5.0	2.0	04/09/21 15:49	
Bromobenzene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/09/21 15:49	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Bromoform	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Bromomethane	ug/kg	ND	10.0	7.9	04/09/21 15:49	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/09/21 15:49	
Chloroethane	ug/kg	ND	10.0	3.9	04/09/21 15:49	
Chloroform	ug/kg	ND	5.0	3.0	04/09/21 15:49	
Chloromethane	ug/kg	ND	10.0	4.2	04/09/21 15:49	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/09/21 15:49	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3225522 Matrix: Solid
Associated Lab Samples: 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/09/21 15:49	
Dibromomethane	ug/kg	ND	5.0	1.1	04/09/21 15:49	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/09/21 15:49	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/09/21 15:49	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/09/21 15:49	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/09/21 15:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/09/21 15:49	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/09/21 15:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/09/21 15:49	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/09/21 15:49	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Naphthalene	ug/kg	ND	5.0	2.6	04/09/21 15:49	
o-Xylene	ug/kg	ND	5.0	2.2	04/09/21 15:49	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/09/21 15:49	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/09/21 15:49	
Styrene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
Toluene	ug/kg	ND	5.0	1.4	04/09/21 15:49	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
Trichloroethene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/09/21 15:49	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/09/21 15:49	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/09/21 15:49	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/09/21 15:49	
1,2-Dichloroethane-d4 (S)	%	109	70-130		04/09/21 15:49	
4-Bromofluorobenzene (S)	%	108	69-134		04/09/21 15:49	
Toluene-d8 (S)	%	100	70-130		04/09/21 15:49	

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1170	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1240	99	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethene	ug/kg	1250	1270	102	70-130	
1,1-Dichloropropene	ug/kg	1250	1210	97	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1180	94	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1240	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	93	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
1,2-Dichloroethane	ug/kg	1250	1220	98	63-130	
1,2-Dichloropropane	ug/kg	1250	1280	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
1,3-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
2,2-Dichloropropane	ug/kg	1250	1160	93	66-130	
2-Butanone (MEK)	ug/kg	2500	2800	112	70-130	
2-Chlorotoluene	ug/kg	1250	1260	101	70-130	
2-Hexanone	ug/kg	2500	2840	113	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2690	108	70-130	
Acetone	ug/kg	2500	2750	110	69-130	
Benzene	ug/kg	1250	1230	98	70-130	
Bromobenzene	ug/kg	1250	1190	96	70-130	
Bromochloromethane	ug/kg	1250	1200	96	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1190	95	70-130	
Bromomethane	ug/kg	1250	1160	92	52-130	
Carbon tetrachloride	ug/kg	1250	1180	94	70-130	
Chlorobenzene	ug/kg	1250	1180	94	70-130	
Chloroethane	ug/kg	1250	1300	104	65-130	
Chloroform	ug/kg	1250	1130	91	70-130	
Chloromethane	ug/kg	1250	1230	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1280	103	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1230	99	70-130	
Dibromomethane	ug/kg	1250	1160	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1190	95	45-156	
Diisopropyl ether	ug/kg	1250	1260	101	70-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2490	100	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1190	95	70-130	
Methylene Chloride	ug/kg	1250	1340	107	65-130	
n-Butylbenzene	ug/kg	1250	1200	96	67-130	
n-Propylbenzene	ug/kg	1250	1220	98	70-130	
Naphthalene	ug/kg	1250	1180	95	70-130	
o-Xylene	ug/kg	1250	1230	98	70-130	
p-Isopropyltoluene	ug/kg	1250	1180	95	67-130	
sec-Butylbenzene	ug/kg	1250	1150	92	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1140	91	67-130	
Tetrachloroethene	ug/kg	1250	1140	91	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1130	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1090	87	70-130	
Vinyl acetate	ug/kg	2500	2990	119	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3225525

Parameter	Units	92532317002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	696	826	119	70-131	
1,1,1-Trichloroethane	ug/kg	ND	696	842	121	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	696	814	117	66-130	
1,1,2-Trichloroethane	ug/kg	ND	696	839	120	66-133	
1,1-Dichloroethane	ug/kg	ND	696	809	116	65-130	
1,1-Dichloroethene	ug/kg	ND	696	871	125	10-158	
1,1-Dichloropropene	ug/kg	ND	696	892	128	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	696	850	122	27-138	
1,2,3-Trichloropropane	ug/kg	ND	696	812	117	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	696	843	121	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	696	890	128	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	696	697	100	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	696	844	121	70-130	
1,2-Dichlorobenzene	ug/kg	ND	696	819	118	69-130	
1,2-Dichloroethane	ug/kg	ND	696	866	124	59-130	
1,2-Dichloropropane	ug/kg	ND	696	912	131	70-130	M1
1,3,5-Trimethylbenzene	ug/kg	ND	696	911	131	65-137	
1,3-Dichlorobenzene	ug/kg	ND	696	811	116	70-130	
1,3-Dichloropropane	ug/kg	ND	696	897	129	70-130	
1,4-Dichlorobenzene	ug/kg	ND	696	831	119	68-130	
2,2-Dichloropropane	ug/kg	ND	696	764	110	32-130	
2-Butanone (MEK)	ug/kg	ND	1390	1710	123	10-136	
2-Chlorotoluene	ug/kg	ND	696	912	131	69-141	
2-Hexanone	ug/kg	ND	1390	1790	128	10-144	
4-Chlorotoluene	ug/kg	ND	696	882	127	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1390	1790	128	25-143	
Acetone	ug/kg	ND	1390	1400	98	10-130	
Benzene	ug/kg	ND	696	885	127	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3225525

Parameter	Units	92532317002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	696	833	120	70-130	
Bromochloromethane	ug/kg	ND	696	748	107	69-134	
Bromodichloromethane	ug/kg	ND	696	822	118	64-130	
Bromoform	ug/kg	ND	696	756	109	62-130	
Bromomethane	ug/kg	ND	696	580	83	20-176	
Carbon tetrachloride	ug/kg	ND	696	832	119	65-140	
Chlorobenzene	ug/kg	ND	696	849	122	70-130	
Chloroethane	ug/kg	ND	696	340	49	10-130	
Chloroform	ug/kg	ND	696	739	106	63-130	
Chloromethane	ug/kg	ND	696	1010	145	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	696	850	122	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	696	860	123	67-130	
Dibromochloromethane	ug/kg	ND	696	798	115	67-130	
Dibromomethane	ug/kg	ND	696	762	109	63-131	
Dichlorodifluoromethane	ug/kg	ND	696	930	134	44-180	
Diisopropyl ether	ug/kg	ND	696	859	123	63-130	
Ethylbenzene	ug/kg	ND	696	867	124	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	696	950	136	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	696	932	134	69-135	
m&p-Xylene	ug/kg	ND	1390	1870	134	60-133	M1
Methyl-tert-butyl ether	ug/kg	ND	696	796	114	65-130	
Methylene Chloride	ug/kg	ND	696	862	124	61-130	
n-Butylbenzene	ug/kg	ND	696	916	131	65-140	
n-Propylbenzene	ug/kg	ND	696	913	131	67-140	
Naphthalene	ug/kg	ND	696	789	113	15-145	
o-Xylene	ug/kg	ND	696	901	129	66-133	
p-Isopropyltoluene	ug/kg	ND	696	905	130	56-147	
sec-Butylbenzene	ug/kg	ND	696	891	128	65-139	
Styrene	ug/kg	ND	696	907	130	70-132	
tert-Butylbenzene	ug/kg	ND	696	879	126	62-135	
Tetrachloroethene	ug/kg	ND	696	875	126	70-135	
Toluene	ug/kg	ND	696	871	125	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	696	893	128	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	696	831	119	62-130	
Trichloroethene	ug/kg	ND	696	829	119	70-135	
Trichlorofluoromethane	ug/kg	ND	696	309	44	10-130	
Vinyl acetate	ug/kg	ND	1390	1930	139	53-130	M1
Vinyl chloride	ug/kg	ND	696	895	128	61-148	
Xylene (Total)	ug/kg	ND	2090	2770	133	63-132	MS
1,2-Dichloroethane-d4 (S)	%				129	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				102	70-130	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225524

Parameter	Units	92532317001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225524

Parameter	Units	92532317001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	111	109			
4-Bromofluorobenzene (S)	%	108	107			
Toluene-d8 (S)	%	102	101			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612942
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952011, 92531952012

METHOD BLANK: 3226320 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952011, 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.5	11.9	04/12/21 13:29	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.5	12.5	04/12/21 13:29	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.5	11.4	04/12/21 13:29	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.5	6.1	04/12/21 13:29	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.5	8.1	04/12/21 13:29	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.5	6.1	04/12/21 13:29	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.5	7.8	04/12/21 13:29	
Decachlorobiphenyl (S)	%	88	10-160		04/12/21 13:29	

LABORATORY CONTROL SAMPLE: 3226321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	168	165	98	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	168	165	98	47-139	
Decachlorobiphenyl (S)	%			93	10-160	

MATRIX SPIKE SAMPLE: 3226322

Parameter	Units	92531592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	1180	1080	91	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	1180	1380	95	10-142	
Decachlorobiphenyl (S)	%				78	10-160	D3

SAMPLE DUPLICATE: 3226323

Parameter	Units	92531952004 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	69	71			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613371
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952008, 92531952009, 92531952010, 92531952013

METHOD BLANK: 3228311 Matrix: Solid
Associated Lab Samples: 92531952008, 92531952009, 92531952010, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.9	12.0	04/14/21 12:33	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.9	12.7	04/14/21 12:33	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.9	11.5	04/14/21 12:33	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.9	6.2	04/14/21 12:33	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.9	8.2	04/14/21 12:33	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.9	6.2	04/14/21 12:33	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.9	7.9	04/14/21 12:33	
Decachlorobiphenyl (S)	%	165	10-160		04/14/21 12:33	S3

LABORATORY CONTROL SAMPLE: 3228312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	129	78	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	166	148	89	47-139	
Decachlorobiphenyl (S)	%			156	10-160	

MATRIX SPIKE SAMPLE: 3228313

Parameter	Units	92531952008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	249	131	53	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	249	160	64	10-142	
Decachlorobiphenyl (S)	%				68	10-160	

SAMPLE DUPLICATE: 3228314

Parameter	Units	92531952010 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	138	107			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612978
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226422 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/12/21 12:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/12/21 12:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/12/21 12:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/12/21 12:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/12/21 12:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/12/21 12:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/12/21 12:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/12/21 12:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/12/21 12:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/12/21 12:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/12/21 12:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/12/21 12:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/12/21 12:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/12/21 12:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/12/21 12:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/12/21 12:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/12/21 12:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/12/21 12:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/12/21 12:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/12/21 12:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/12/21 12:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/12/21 12:56	
Acenaphthene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Acenaphthylene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Aniline	ug/L	ND	10.0	1.6	04/12/21 12:56	
Anthracene	ug/L	ND	10.0	2.3	04/12/21 12:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/12/21 12:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/12/21 12:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/12/21 12:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/12/21 12:56	
Benzoic Acid	ug/L	ND	50.0	3.4	04/12/21 12:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/12/21 12:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/12/21 12:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/12/21 12:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/12/21 12:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/12/21 12:56	
Chrysene	ug/L	ND	10.0	2.8	04/12/21 12:56	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3226422 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/12/21 12:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/12/21 12:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/12/21 12:56	
Dibenzofuran	ug/L	ND	10.0	2.1	04/12/21 12:56	
Diethylphthalate	ug/L	ND	10.0	2.0	04/12/21 12:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/12/21 12:56	
Fluoranthene	ug/L	ND	10.0	2.2	04/12/21 12:56	
Fluorene	ug/L	ND	10.0	2.1	04/12/21 12:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/12/21 12:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/12/21 12:56	
Hexachloroethane	ug/L	ND	10.0	1.4	04/12/21 12:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/12/21 12:56	
Isophorone	ug/L	ND	10.0	1.7	04/12/21 12:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/12/21 12:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/12/21 12:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/12/21 12:56	
Nitrobenzene	ug/L	ND	10.0	1.9	04/12/21 12:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/12/21 12:56	
Phenanthrene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Phenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
Pyrene	ug/L	ND	10.0	2.2	04/12/21 12:56	
2,4,6-Tribromophenol (S)	%	106	10-144		04/12/21 12:56	
2-Fluorobiphenyl (S)	%	89	10-130		04/12/21 12:56	
2-Fluorophenol (S)	%	71	10-130		04/12/21 12:56	
Nitrobenzene-d5 (S)	%	98	10-144		04/12/21 12:56	
Phenol-d6 (S)	%	56	10-130		04/12/21 12:56	
Terphenyl-d14 (S)	%	105	34-163		04/12/21 12:56	

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	46.7	93	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	50.0	100	28-130	
2,4,5-Trichlorophenol	ug/L	50	53.3	107	35-130	
2,4,6-Trichlorophenol	ug/L	50	48.5	97	31-130	
2,4-Dichlorophenol	ug/L	50	52.8	106	35-130	
2,4-Dimethylphenol	ug/L	50	53.8	108	34-130	
2,4-Dinitrophenol	ug/L	250	239	95	10-153	
2,4-Dinitrotoluene	ug/L	50	55.2	110	37-136	
2,6-Dinitrotoluene	ug/L	50	55.8	112	33-136	
2-Chloronaphthalene	ug/L	50	44.7	89	26-130	
2-Chlorophenol	ug/L	50	50.2	100	37-130	
2-Methylnaphthalene	ug/L	50	46.6	93	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	48.6	97	35-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	99.8	100	37-130	
2-Nitrophenol	ug/L	50	56.2	112	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	48.0	96	34-130	
3,3'-Dichlorobenzidine	ug/L	100	114	114	34-136	
3-Nitroaniline	ug/L	100	103	103	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	105	105	21-157	
4-Bromophenylphenyl ether	ug/L	50	57.8	116	38-130	
4-Chloro-3-methylphenol	ug/L	100	105	105	37-130	
4-Chloroaniline	ug/L	100	94.3	94	38-130	
4-Chlorophenylphenyl ether	ug/L	50	49.4	99	33-130	
4-Nitroaniline	ug/L	100	108	108	42-137	
4-Nitrophenol	ug/L	250	169	68	10-130	
Acenaphthene	ug/L	50	48.7	97	33-130	
Acenaphthylene	ug/L	50	49.4	99	35-130	
Aniline	ug/L	50	42.7	85	22-130	
Anthracene	ug/L	50	53.1	106	48-130	
Benzo(a)anthracene	ug/L	50	54.9	110	48-137	
Benzo(b)fluoranthene	ug/L	50	51.9	104	52-138	
Benzo(g,h,i)perylene	ug/L	50	62.2	124	48-140	
Benzo(k)fluoranthene	ug/L	50	52.5	105	48-139	
Benzoic Acid	ug/L	250	183	73	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	52.9	106	34-130	
bis(2-Chloroethyl) ether	ug/L	50	56.4	113	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	62.3	125	32-165	
Butylbenzylphthalate	ug/L	50	62.1	124	34-161	
Chrysene	ug/L	50	53.8	108	47-131	
Di-n-butylphthalate	ug/L	50	58.7	117	39-144	
Di-n-octylphthalate	ug/L	50	58.8	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	62.6	125	49-138	
Dibenzofuran	ug/L	50	49.9	100	33-130	
Diethylphthalate	ug/L	50	54.1	108	38-131	
Dimethylphthalate	ug/L	50	51.2	102	37-130	
Fluoranthene	ug/L	50	55.5	111	46-137	
Fluorene	ug/L	50	51.4	103	37-130	
Hexachlorobenzene	ug/L	50	50.3	101	38-130	
Hexachlorocyclopentadiene	ug/L	50	33.4	67	10-130	
Hexachloroethane	ug/L	50	36.2	72	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	63.1	126	41-130	
Isophorone	ug/L	50	52.1	104	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	54.0	108	36-130	
N-Nitrosodimethylamine	ug/L	50	46.6	93	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.3	103	37-130	
Nitrobenzene	ug/L	50	51.8	104	36-130	
Pentachlorophenol	ug/L	100	100	100	23-149	
Phenanthrene	ug/L	50	51.9	104	44-130	
Phenol	ug/L	50	36.8	74	18-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	54.8	110	47-134	
2,4,6-Tribromophenol (S)	%			117	10-144	
2-Fluorobiphenyl (S)	%			87	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			100	10-144	
Phenol-d6 (S)	%			61	10-130	
Terphenyl-d14 (S)	%			86	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226424 3226425

Parameter	Units	92528912009 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	23.2	23.7	46	47	10-130	2	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	24.7	25.7	49	51	12-142	4	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	19.9	12.7	40	25	10-143	44	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	10.0	4.5J	20	9	10-147		30	M1
2,4-Dichlorophenol	ug/L	ND	50	50	21.1	16.6	42	33	10-138	24	30	
2,4-Dimethylphenol	ug/L	ND	50	50	24.2	25.3	48	51	25-130	4	30	
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	0	0	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	30.9	31.7	62	63	29-148	3	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	26.6	28.7	53	57	26-146	8	30	
2-Chloronaphthalene	ug/L	ND	50	50	24.3	24.1	49	48	11-130	1	30	
2-Chlorophenol	ug/L	ND	50	50	21.5	17.6	43	35	10-133	20	30	
2-Methylnaphthalene	ug/L	ND	50	50	23.0	24.0	46	48	13-130	4	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	23.7	24.6	47	49	20-130	3	30	
2-Nitroaniline	ug/L	ND	100	100	37.8	43.1	38	43	24-136	13	30	
2-Nitrophenol	ug/L	ND	50	50	22.4	16.9	45	34	10-153	28	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	24.6	25.1	46	47	16-130	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	23.4	28.7	23	29	10-153	20	30	
3-Nitroaniline	ug/L	ND	100	100	22.2	29.1	22	29	22-151	27	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	6.5J	ND	7	2	10-180		30	M1
4-Bromophenylphenyl ether	ug/L	ND	50	50	30.5	31.3	61	63	25-130	2	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	51.8	57.9	52	58	25-133	11	30	
4-Chloroaniline	ug/L	ND	100	100	39.4	43.7	39	44	14-132	10	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	25.8	26.3	52	53	19-130	2	30	
4-Nitroaniline	ug/L	ND	100	100	14.6J	23.5	15	24	29-150		30	M1
4-Nitrophenol	ug/L	ND	250	250	8.4J	ND	3	0	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	25.9	26.2	52	52	16-130	1	30	
Acenaphthylene	ug/L	ND	50	50	25.5	25.8	51	52	15-137	1	30	
Aniline	ug/L	ND	50	50	20.7	21.7	41	43	10-130	5	30	
Anthracene	ug/L	ND	50	50	35.2	34.5	70	69	37-136	2	30	
Benzo(a)anthracene	ug/L	ND	50	50	45.3	45.5	91	91	40-145	0	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	43.7	42.0	87	84	39-151	4	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	54.4	49.1	109	98	40-147	10	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226424 3226425

Parameter	Units	92528912009 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	42.4	42.4	85	85	40-146	0	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	51.8	55.4	52	55	25-130	7	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	25.9	27.3	52	55	23-130	5	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	28.6	30.0	57	60	25-130	5	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	47.6	48.9	95	98	28-166	3	30	
Butylbenzylphthalate	ug/L	ND	50	50	49.0	51.1	98	102	33-165	4	30	
Chrysene	ug/L	ND	50	50	45.4	44.5	91	89	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	50	50	44.9	45.0	90	90	32-153	0	30	
Di-n-octylphthalate	ug/L	ND	50	50	47.3	46.9	95	94	30-175	1	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	52.0	48.8	104	98	39-148	6	30	
Dibenzofuran	ug/L	ND	50	50	26.3	26.7	53	53	20-130	2	30	
Diethylphthalate	ug/L	ND	50	50	28.3	29.9	57	60	28-142	5	30	
Dimethylphthalate	ug/L	ND	50	50	24.7	26.8	49	54	26-136	8	30	
Fluoranthene	ug/L	ND	50	50	44.8	45.3	90	91	39-143	1	30	
Fluorene	ug/L	ND	50	50	26.7	28.1	53	56	24-132	5	30	
Hexachlorobenzene	ug/L	ND	50	50	28.2	28.7	56	57	29-130	2	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	15.3	14.8	31	30	10-130	3	30	
Hexachloroethane	ug/L	ND	50	50	16.4	17.1	33	34	10-130	4	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	52.3	49.7	105	99	39-148	5	30	
Isophorone	ug/L	ND	50	50	24.8	25.9	50	52	23-130	5	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	27.0	28.3	54	57	25-130	5	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	24.4	25.0	49	50	22-130	2	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	31.9	31.5	64	63	26-134	1	30	
Nitrobenzene	ug/L	ND	50	50	33.1	32.5	66	65	25-130	2	30	
Pentachlorophenol	ug/L	ND	100	100	ND	ND	2	0	10-175		30	M1
Phenanthrene	ug/L	ND	50	50	33.6	34.0	67	68	36-133	1	30	
Phenol	ug/L	ND	50	50	18.0	16.5	36	33	10-130	9	30	
Pyrene	ug/L	ND	50	50	44.7	46.5	89	93	40-143	4	30	
2,4,6-Tribromophenol (S)	%						43	22	10-144			
2-Fluorobiphenyl (S)	%						47	46	10-130			
2-Fluorophenol (S)	%						26	16	10-130			
Nitrobenzene-d5 (S)	%						53	54	10-144			
Phenol-d6 (S)	%						30	28	10-130			
Terphenyl-d14 (S)	%						73	77	34-163			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613018
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012

METHOD BLANK: 3226544 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/13/21 06:33	
2-Fluorobiphenyl (S)	%	64	31-130		04/13/21 06:33	
Nitrobenzene-d5 (S)	%	59	32-130		04/13/21 06:33	
Terphenyl-d14 (S)	%	54	24-130		04/13/21 06:33	

LABORATORY CONTROL SAMPLE: 3226545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.8	23.0	68	44-130	
2-Fluorobiphenyl (S)	%			75	31-130	
Nitrobenzene-d5 (S)	%			70	32-130	
Terphenyl-d14 (S)	%			64	24-130	

MATRIX SPIKE SAMPLE: 3226546

Parameter	Units	92531845001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	ND	43.3	19.1	44	10-130	
2-Fluorobiphenyl (S)	%				55	31-130	
Nitrobenzene-d5 (S)	%				51	32-130	
Terphenyl-d14 (S)	%				48	24-130	

SAMPLE DUPLICATE: 3226547

Parameter	Units	92531845002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	52	57			
Nitrobenzene-d5 (S)	%	53	60			
Terphenyl-d14 (S)	%	44	49			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613380
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952007, 92531952013

METHOD BLANK: 3228351 Matrix: Solid
Associated Lab Samples: 92531952007, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/14/21 11:41	
2-Fluorobiphenyl (S)	%	66	31-130		04/14/21 11:41	
Nitrobenzene-d5 (S)	%	71	32-130		04/14/21 11:41	
Terphenyl-d14 (S)	%	62	24-130		04/14/21 11:41	

LABORATORY CONTROL SAMPLE: 3228352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.1	24.3	73	44-130	
2-Fluorobiphenyl (S)	%			77	31-130	
Nitrobenzene-d5 (S)	%			79	32-130	
Terphenyl-d14 (S)	%			71	24-130	

MATRIX SPIKE SAMPLE: 3228353

Parameter	Units	92532317001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	1.5J	40.6	20.0	46	10-130	
2-Fluorobiphenyl (S)	%				79	31-130	
Nitrobenzene-d5 (S)	%				82	32-130	
Terphenyl-d14 (S)	%				59	24-130	

SAMPLE DUPLICATE: 3228354

Parameter	Units	92532317002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	69	65			
Nitrobenzene-d5 (S)	%	72	68			
Terphenyl-d14 (S)	%	56	52			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612821
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

METHOD BLANK: 3225852 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/13/21 13:45	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/13/21 13:45	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/13/21 13:45	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/13/21 13:45	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/13/21 13:45	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/13/21 13:45	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/13/21 13:45	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/13/21 13:45	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/13/21 13:45	
2-Chloronaphthalene	ug/kg	ND	326	129	04/13/21 13:45	
2-Chlorophenol	ug/kg	ND	326	122	04/13/21 13:45	
2-Methylnaphthalene	ug/kg	ND	326	130	04/13/21 13:45	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/13/21 13:45	
2-Nitroaniline	ug/kg	ND	1630	266	04/13/21 13:45	
2-Nitrophenol	ug/kg	ND	326	141	04/13/21 13:45	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/13/21 13:45	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/13/21 13:45	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/13/21 13:45	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/13/21 13:45	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/13/21 13:45	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/13/21 13:45	
4-Chloroaniline	ug/kg	ND	651	256	04/13/21 13:45	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/13/21 13:45	
4-Nitroaniline	ug/kg	ND	651	248	04/13/21 13:45	
4-Nitrophenol	ug/kg	ND	1630	630	04/13/21 13:45	
Acenaphthene	ug/kg	ND	326	114	04/13/21 13:45	
Acenaphthylene	ug/kg	ND	326	114	04/13/21 13:45	
Aniline	ug/kg	ND	326	127	04/13/21 13:45	
Anthracene	ug/kg	ND	326	107	04/13/21 13:45	
Benzo(a)anthracene	ug/kg	ND	326	109	04/13/21 13:45	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/13/21 13:45	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/13/21 13:45	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/13/21 13:45	
Benzoic Acid	ug/kg	ND	1630	700	04/13/21 13:45	
Benzyl alcohol	ug/kg	ND	651	247	04/13/21 13:45	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/13/21 13:45	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/13/21 13:45	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/13/21 13:45	
Butylbenzylphthalate	ug/kg	ND	326	137	04/13/21 13:45	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3225852 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/13/21 13:45	
Di-n-butylphthalate	ug/kg	ND	326	110	04/13/21 13:45	
Di-n-octylphthalate	ug/kg	ND	326	128	04/13/21 13:45	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/13/21 13:45	
Dibenzofuran	ug/kg	ND	326	117	04/13/21 13:45	
Diethylphthalate	ug/kg	ND	326	119	04/13/21 13:45	
Dimethylphthalate	ug/kg	ND	326	118	04/13/21 13:45	
Fluoranthene	ug/kg	ND	326	112	04/13/21 13:45	
Fluorene	ug/kg	ND	326	114	04/13/21 13:45	
Hexachlorobenzene	ug/kg	ND	326	127	04/13/21 13:45	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/13/21 13:45	
Hexachloroethane	ug/kg	ND	326	124	04/13/21 13:45	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/13/21 13:45	
Isophorone	ug/kg	ND	326	145	04/13/21 13:45	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/13/21 13:45	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/13/21 13:45	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/13/21 13:45	
Nitrobenzene	ug/kg	ND	326	151	04/13/21 13:45	
Pentachlorophenol	ug/kg	ND	651	319	04/13/21 13:45	
Phenanthrene	ug/kg	ND	326	107	04/13/21 13:45	
Phenol	ug/kg	ND	326	145	04/13/21 13:45	
Pyrene	ug/kg	ND	326	132	04/13/21 13:45	
Pyridine	ug/kg	ND	326	103	04/13/21 13:45	
2,4,6-Tribromophenol (S)	%	83	18-130		04/13/21 13:45	
2-Fluorobiphenyl (S)	%	72	19-130		04/13/21 13:45	
2-Fluorophenol (S)	%	65	18-130		04/13/21 13:45	
Nitrobenzene-d5 (S)	%	73	21-130		04/13/21 13:45	
Phenol-d6 (S)	%	72	18-130		04/13/21 13:45	
Terphenyl-d14 (S)	%	70	15-130		04/13/21 13:45	

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1670	1440	86	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1310	79	38-130	
2,4,5-Trichlorophenol	ug/kg	1670	1400	84	49-130	
2,4,6-Trichlorophenol	ug/kg	1670	1450	87	50-130	
2,4-Dichlorophenol	ug/kg	1670	1510	91	51-130	
2,4-Dimethylphenol	ug/kg	1670	1520	91	53-130	
2,4-Dinitrophenol	ug/kg	8330	4530	54	39-130	
2,4-Dinitrotoluene	ug/kg	1670	1550	93	53-130	
2,6-Dinitrotoluene	ug/kg	1670	1440	86	55-130	
2-Chloronaphthalene	ug/kg	1670	1380	83	48-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1670	1440	86	54-130	
2-Methylnaphthalene	ug/kg	1670	1400	84	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1570	94	50-130	
2-Nitroaniline	ug/kg	3330	2690	81	49-130	
2-Nitrophenol	ug/kg	1670	1400	84	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1570	94	50-130	
3,3'-Dichlorobenzidine	ug/kg	3330	2760	83	47-130	IL
3-Nitroaniline	ug/kg	3330	2670	80	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2030	61	50-142	
4-Bromophenylphenyl ether	ug/kg	1670	1440	86	55-130	
4-Chloro-3-methylphenol	ug/kg	3330	3100	93	52-130	
4-Chloroaniline	ug/kg	3330	2740	82	49-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1500	90	53-130	
4-Nitroaniline	ug/kg	3330	2760	83	51-130	
4-Nitrophenol	ug/kg	8330	8090	97	40-130	
Acenaphthene	ug/kg	1670	1420	85	56-130	
Acenaphthylene	ug/kg	1670	1400	84	58-130	
Aniline	ug/kg	1670	1300	78	44-130	
Anthracene	ug/kg	1670	1480	89	60-130	
Benzo(a)anthracene	ug/kg	1670	1500	90	59-130	
Benzo(b)fluoranthene	ug/kg	1670	1610	97	54-130	
Benzo(g,h,i)perylene	ug/kg	1670	1330	80	59-130	
Benzo(k)fluoranthene	ug/kg	1670	1610	97	54-130	
Benzoic Acid	ug/kg	8330	4950	59	19-130	
Benzyl alcohol	ug/kg	3330	3050	92	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1410	85	55-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1500	90	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1330	80	58-130	
Butylbenzylphthalate	ug/kg	1670	1320	79	46-138	
Chrysene	ug/kg	1670	1470	88	57-130	
Di-n-butylphthalate	ug/kg	1670	1400	84	57-130	
Di-n-octylphthalate	ug/kg	1670	1420	85	57-130	
Dibenz(a,h)anthracene	ug/kg	1670	1420	85	60-130	
Dibenzofuran	ug/kg	1670	1510	91	54-130	
Diethylphthalate	ug/kg	1670	1450	87	55-130	
Dimethylphthalate	ug/kg	1670	1410	84	57-130	
Fluoranthene	ug/kg	1670	1630	98	57-130	
Fluorene	ug/kg	1670	1490	89	56-130	
Hexachlorobenzene	ug/kg	1670	1500	90	53-130	
Hexachlorocyclopentadiene	ug/kg	1670	791	47	23-130	
Hexachloroethane	ug/kg	1670	1390	84	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1360	82	61-130	
Isophorone	ug/kg	1670	1380	83	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1580	95	52-130	
N-Nitrosodimethylamine	ug/kg	1670	1290	77	45-130	
N-Nitrosodiphenylamine	ug/kg	1670	1350	81	56-130	
Nitrobenzene	ug/kg	1670	1400	84	50-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3330	3050	92	33-130	
Phenanthrene	ug/kg	1670	1460	88	60-130	
Phenol	ug/kg	1670	1610	97	54-130	
Pyrene	ug/kg	1670	1430	86	61-130	
Pyridine	ug/kg	1670	977	59	35-130	
2,4,6-Tribromophenol (S)	%			95	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			85	18-130	
Nitrobenzene-d5 (S)	%			82	21-130	
Phenol-d6 (S)	%			90	18-130	
Terphenyl-d14 (S)	%			71	15-130	

MATRIX SPIKE SAMPLE: 3225854

Parameter	Units	92530886009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1950	1690	77	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1950	1170	60	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1950	1860	95	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1950	1740	89	23-130	
2,4-Dichlorophenol	ug/kg	ND	1950	1640	84	29-130	
2,4-Dimethylphenol	ug/kg	ND	1950	1700	87	13-130	
2,4-Dinitrophenol	ug/kg	ND	9780	8030	82	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1950	2010	103	28-130	v1
2,6-Dinitrotoluene	ug/kg	ND	1950	1800	92	36-130	
2-Chloronaphthalene	ug/kg	ND	1950	1560	80	27-130	
2-Chlorophenol	ug/kg	ND	1950	1260	64	29-130	
2-Methylnaphthalene	ug/kg	ND	1950	1740	78	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1950	1400	72	20-130	
2-Nitroaniline	ug/kg	ND	3910	3480	89	29-130	
2-Nitrophenol	ug/kg	ND	1950	1550	79	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1950	1490	76	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3910	3440	88	15-130	IL
3-Nitroaniline	ug/kg	ND	3910	3470	89	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3910	3210	82	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1950	1610	82	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3910	3580	91	30-130	
4-Chloroaniline	ug/kg	ND	3910	2920	75	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1950	1770	91	32-130	
4-Nitroaniline	ug/kg	ND	3910	3800	97	30-130	v1
4-Nitrophenol	ug/kg	ND	9780	11200	114	17-130	
Acenaphthene	ug/kg	ND	1950	1680	86	29-130	
Acenaphthylene	ug/kg	ND	1950	1650	84	31-130	
Aniline	ug/kg	ND	1950	1090	55	10-130	
Anthracene	ug/kg	ND	1950	1760	90	33-130	
Benzo(a)anthracene	ug/kg	ND	1950	1750	89	32-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3225854

Parameter	Units	92530886009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	1950	1800	92	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1950	1480	76	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1950	1830	94	31-130	
Benzoic Acid	ug/kg	ND	9780	6940	71	10-130	
Benzyl alcohol	ug/kg	ND	3910	2840	73	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1950	1460	74	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1950	1350	69	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1950	1540	79	40-130	
Butylbenzylphthalate	ug/kg	ND	1950	1440	74	40-130	
Chrysene	ug/kg	ND	1950	1720	88	30-130	
Di-n-butylphthalate	ug/kg	ND	1950	1640	84	41-130	
Di-n-octylphthalate	ug/kg	ND	1950	1720	88	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1950	1580	81	27-130	
Dibenzofuran	ug/kg	ND	1950	1750	89	32-130	
Diethylphthalate	ug/kg	ND	1950	1810	92	40-130	
Dimethylphthalate	ug/kg	ND	1950	1760	90	37-130	
Fluoranthene	ug/kg	ND	1950	1940	99	26-130	
Fluorene	ug/kg	ND	1950	1830	94	31-130	
Hexachlorobenzene	ug/kg	ND	1950	1740	89	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1950	882	45	10-130	v3
Hexachloroethane	ug/kg	ND	1950	1170	60	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1950	1560	79	28-130	
Isophorone	ug/kg	ND	1950	1600	82	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1950	1540	79	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1950	1040	53	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1950	1860	95	32-130	
Nitrobenzene	ug/kg	ND	1950	1400	72	25-130	
Pentachlorophenol	ug/kg	ND	3910	3690	94	10-130	
Phenanthrene	ug/kg	ND	1950	1910	91	34-130	
Phenol	ug/kg	ND	1950	1470	75	14-130	
Pyrene	ug/kg	ND	1950	1500	77	31-130	
Pyridine	ug/kg	ND	1950	187J	10	10-130	
2,4,6-Tribromophenol (S)	%				94	18-130	
2-Fluorobiphenyl (S)	%				70	19-130	
2-Fluorophenol (S)	%				60	18-130	
Nitrobenzene-d5 (S)	%				70	21-130	
Phenol-d6 (S)	%				66	18-130	
Terphenyl-d14 (S)	%				54	15-130	

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	v1
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	v1
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	v2

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	137J		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	78	73			
2-Fluorobiphenyl (S)	%	53	50			
2-Fluorophenol (S)	%	71	56			
Nitrobenzene-d5 (S)	%	83	61			
Phenol-d6 (S)	%	78	60			
Terphenyl-d14 (S)	%	32	32			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612981
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: 92531952014

METHOD BLANK: 3226437 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/12/21 13:58	
2-Fluorobiphenyl (S)	%	166	61-163		04/12/21 13:58	S3
Nitrobenzene-d5 (S)	%	135	67-170		04/12/21 13:58	
Terphenyl-d14 (S)	%	134	62-169		04/12/21 13:58	

LABORATORY CONTROL SAMPLE: 3226438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.9	75	70-130	
2-Fluorobiphenyl (S)	%			141	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			103	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226439 3226440

Parameter	Units	92531521003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	1.7	1.6	70	65	50-165	7	30	
2-Fluorobiphenyl (S)	%						118	125	61-163			
Nitrobenzene-d5 (S)	%						99	97	67-170			
Terphenyl-d14 (S)	%						95	91	62-169			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612432
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

SAMPLE DUPLICATE: 3223750

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	68.0	69.0	1	25	N2

SAMPLE DUPLICATE: 3223751

Parameter	Units	92531973007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.0	4	25	N2

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
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.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531952001	**DA4-SB-13A (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952002	**DA4-SB-13A (5-6)**	EPA 3546	612942	EPA 8082A	613094
92531952003	**DA4-SB-13B (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952004	**DA4-SB-13B (2-2.5)**	EPA 3546	612942	EPA 8082A	613094
92531952005	**RI-SB-37 (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952006	**RI-SB-37 (2-2.5)**	EPA 3546	612942	EPA 8082A	613094
92531952007	**RI-SB-38 (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952008	**RI-SB-38 (2-2.5)**	EPA 3546	613371	EPA 8082A	613628
92531952009	**RI-SB-39 (0-0.6)**	EPA 3546	613371	EPA 8082A	613628
92531952010	**RI-SB-39 (2-2.5)**	EPA 3546	613371	EPA 8082A	613628
92531952011	**FD-3**	EPA 3546	612942	EPA 8082A	613094
92531952012	**DA4-SB-13 (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 3546	613371	EPA 8082A	613628
92531952014	**EB-3**	EPA 3510C	612978	EPA 8270E	613104
92531952001	**DA4-SB-13A (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952002	**DA4-SB-13A (5-6)**	EPA 3546	613018	EPA 8270E	613271
92531952003	**DA4-SB-13B (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952004	**DA4-SB-13B (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952005	**RI-SB-37 (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952006	**RI-SB-37 (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952007	**RI-SB-38 (0-0.6)**	EPA 3546	613380	EPA 8270E	613642
92531952008	**RI-SB-38 (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952009	**RI-SB-39 (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952010	**RI-SB-39 (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952011	**FD-3**	EPA 3546	613018	EPA 8270E	613271
92531952012	**DA4-SB-13 (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 3546	613380	EPA 8270E	613642
92531952001	**DA4-SB-13A (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952002	**DA4-SB-13A (5-6)**	EPA 3546	612821	EPA 8270E	612985
92531952003	**DA4-SB-13B (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952004	**DA4-SB-13B (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952005	**RI-SB-37 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952006	**RI-SB-37 (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952007	**RI-SB-38 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952008	**RI-SB-38 (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952009	**RI-SB-39 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952010	**RI-SB-39 (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952011	**FD-3**	EPA 3546	612821	EPA 8270E	612985
92531952012	**DA4-SB-13 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 3546	612821	EPA 8270E	612985
92531952014	**EB-3**	EPA 3511	612981	EPA 8270E by SIM	613090
92531952014	**EB-3**	EPA 8260D	613057		
92531952015	**TRIP BLANK**	EPA 8260D	612349		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531952001	**DA4-SB-13A (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952002	**DA4-SB-13A (5-6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952003	**DA4-SB-13B (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952004	**DA4-SB-13B (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952005	**RI-SB-37 (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952006	**RI-SB-37 (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952007	**RI-SB-38 (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952008	**RI-SB-38 (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952009	**RI-SB-39 (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952010	**RI-SB-39 (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952011	**FD-3**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952012	**DA4-SB-13 (0-0.6)**	EPA 5035A/5030B	612777	EPA 8260D	612809
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952001	**DA4-SB-13A (0-0.6)**	SW-846	612432		
92531952002	**DA4-SB-13A (5-6)**	SW-846	612432		
92531952003	**DA4-SB-13B (0-0.6)**	SW-846	612432		
92531952004	**DA4-SB-13B (2-2.5)**	SW-846	612432		
92531952005	**RI-SB-37 (0-0.6)**	SW-846	612432		
92531952006	**RI-SB-37 (2-2.5)**	SW-846	612432		
92531952007	**RI-SB-38 (0-0.6)**	SW-846	612432		
92531952008	**RI-SB-38 (2-2.5)**	SW-846	612432		
92531952009	**RI-SB-39 (0-0.6)**	SW-846	612432		
92531952010	**RI-SB-39 (2-2.5)**	SW-846	612432		
92531952011	**FD-3**	SW-846	612432		
92531952012	**DA4-SB-13 (0-0.6)**	SW-846	612432		
92531952013	**DA4-SB-13 (6.5-7.5)**	SW-846	612432		

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

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

Sample Condition Upon Receipt

Client Name: Synterra

Project #: WO# : 92531952

92531952

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

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

Date/Initials Person Examining Contents: 4/8/21 HJ

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

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

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

Cooler Temp: 4.1, 4.5 **Correction Factor:** Add/Subtract (°C) 0.0°C

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

Cooler Temp Corrected (°C): 4.1, 4.5

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

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

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

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

Project # 1/2

WO# : 92531952

PM: KLH1 Due Date: 04/15/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project # 2/2

WO# : 92531952

PM: KLH1 Due Date: 04/15/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 **Of** 2

Section A — Required Client Information:

Company:	Synterra
Address:	148 River Street
	Suite 220, Greenville, SC 29601
Email To:	tking@synterracorp.com
Phone:	Fax:
Requested Due Date:	STANDARD TAT

Section B — Required Project Information:

Report To:	Tom King
Copy To:	Heather Smith
Purchase Order #:	
Project Name:	Former Bramlette MGP
Project Number:	00.2731.00.04

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	Kevin Herring
Pace Profile #:	7754

Regulatory Agency	
State / Location	SC

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270 & 8270 LV	8082	Trip Blank	Residual Chlorine (Y/N)
1	DA4-SB-13A_SE_0-0.6_20210406	SL	C	4/6/2021	0830	--	--		5	3						2			X	X	X		
2	DA4-SB-13A_SE_5-6_20210406	SL	C	4/6/2021	0900	--	--		5	3						2			X	X	X		
3	DA4-SB-13B_SE_0-0.6_20210406	SL	C	4/6/2021	0915	--	--		5	3						2			X	X	X		
4	DA4-SB-13B_SE_2-2.5_20210406	SL	C	4/6/2021	0945	--	--		5	3						2			X	X	X		
5	RI-SB-37_SE_0-0.6_20210406	SL	C	4/6/2021	1045	--	--		5	3						2			X	X	X		
6	RI-SB-37_SE_2-2.5_20210406	SL	C	4/6/2021	1115	--	--		5	3						2			X	X	X		
7	RI-SB-38_SE_0-0.6_20210406	SL	C	4/6/2021	1050	--	--		5	3						2			X	X	X		
8	RI-SB-38_SE_2-2.5_20210406	SL	C	4/6/2021	1350	--	--		5	3						2			X	X	X		
9	RI-SB-39_SE_0-0.6_20210406	SL	C	4/6/2021	1100	--	--		5	3						2			X	X	X		
10	RI-SB-39_SE_2-2.5_20210406	SL	C	4/6/2021	1450	--	--		5	3						2			X	X	X		
11	FD-3_SE_20210406	SL	C	4/6/2021	0930	--	--		5	3						2			X	X	X		
12	EB-3_WQ_20210406	WT	G	4/6/2021	1515	--	--		5	2			3						X	X			

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
*Ca, Mg, Fe, Mn + Hardness	SynTerra Cold Storage	3/5/21	1700	Tom King / [signature]	3/7/21	1000				
	Tom King / [signature]	3/7/21	1415	PACE	3/8/21	800	4.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: [signature]

DATE Signed: 3/7/21

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River Street	Copy To:	Heather Smith	Company Name:	
	Suite 220, Greenville, SC 29601			Address:	
Email To:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	Fax:	Project Name:	Former Bramlette MGP	Pace Project Manager:	Kevin Herring
Requested Due Date:	STANDARD TAT	Project Number:	00.2731.00.04	Pace Profile #:	7754

Regulatory Agency

State / Location

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8082	TIRP BLANK	Residual Chlorine (Y/N)
1	TRIP BLANK	WT	G	--	--	--	--		2	2												X	
2	DA4-SB-13-SE-0-0.6-20210405	SL	C	4/5/21	1600	—	—		5	3						2			X	X	X		
3	DA4-SB-13-SE-6.5-7.5-20210405	SL	C	4/5/21	1620	—	—		5	3						2			X	X	X		
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Tom King /	3/5/21	1700	SynTerra Cold Storage	3/5/21	1700				
	SynTerra Cold Storage	3/7/21	1000	Tom King /	3/7/21	1000				
	Tom King /	3/7/21	1140	/ Pace	4.7.21	1140				
	/ Pace	4.7.21	1415	~~PACE~~	4/8/21	800	4.1 4.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: / DATE Signed: 4/7/21

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

April 12, 2021

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

RE: Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Dear Program Manager:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

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

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531524001	**SW-18**	Solid	04/05/21 10:35	04/06/21 12:10
92531524002	**SW-19**	Solid	04/05/21 11:10	04/06/21 12:10
92531524003	**SW-20**	Solid	04/05/21 12:45	04/06/21 12:10
92531524004	**SW-21**	Solid	04/05/21 12:00	04/06/21 12:10

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531524001	**SW-18**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524002	**SW-19**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524003	**SW-20**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524004	**SW-21**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	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: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531524001	**SW-18**					
EPA 8270E	Benzo(a)pyrene	5.9J	ug/kg	18.3	04/08/21 11:55	
EPA 8260D	Acetone	98.3J	ug/kg	262	04/07/21 16:05	
EPA 8260D	Naphthalene	17.4	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	Toluene	10.9J	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	1,2,4-Trimethylbenzene	8.3J	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	Xylene (Total)	21.6J	ug/kg	26.2	04/07/21 16:05	
EPA 8260D	m&p-Xylene	13.2J	ug/kg	26.2	04/07/21 16:05	
EPA 8260D	o-Xylene	8.3J	ug/kg	13.1	04/07/21 16:05	
SW-846	Percent Moisture	44.5	%	0.10	04/07/21 14:41	N2
92531524002	**SW-19**					
EPA 8270E	Benzo(a)pyrene	15.2	ug/kg	11.7	04/08/21 12:36	
EPA 8260D	Naphthalene	5.2J	ug/kg	6.2	04/07/21 16:41	
EPA 8260D	Toluene	3.7J	ug/kg	6.2	04/07/21 16:41	
SW-846	Percent Moisture	16.1	%	0.10	04/07/21 14:41	N2
92531524003	**SW-20**					
EPA 8270E	Benzo(a)pyrene	10.5J	ug/kg	12.0	04/08/21 13:17	
EPA 8260D	4-Methyl-2-pentanone (MIBK)	15.7J	ug/kg	56.9	04/07/21 16:59	
EPA 8260D	Toluene	8.4	ug/kg	5.7	04/07/21 16:59	
SW-846	Percent Moisture	16.9	%	0.10	04/07/21 14:41	N2
92531524004	**SW-21**					
EPA 8082A	PCB-1260 (Aroclor 1260)	35.2J	ug/kg	41.3	04/07/21 20:39	
EPA 8270E	Benzo(a)pyrene	8.5J	ug/kg	12.5	04/08/21 13:37	
EPA 8270E	Benzo(a)anthracene	198J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Benzo(b)fluoranthene	331J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Benzo(g,h,i)perylene	168J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Chrysene	206J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Fluoranthene	302J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Pyrene	245J	ug/kg	410	04/09/21 17:26	
EPA 8260D	Chlorobenzene	3.5J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,3-Dichlorobenzene	6.0J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,4-Dichlorobenzene	9.8	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	Toluene	5.4J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,2,4-Trichlorobenzene	8.9	ug/kg	6.4	04/07/21 17:17	
SW-846	Percent Moisture	19.8	%	0.10	04/07/21 14:41	N2

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

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 12, 2021

General Information:
4 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8270E**
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 12, 2021

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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: 611973

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3221188)
  - 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: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 12, 2021

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

QC Batch: 612090

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.

- SW-19 (Lab ID: 92531524002)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene
- SW-20 (Lab ID: 92531524003)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene
- SW-21 (Lab ID: 92531524004)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene

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.

- SW-19 (Lab ID: 92531524002)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol
- SW-20 (Lab ID: 92531524003)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol
- SW-21 (Lab ID: 92531524004)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol

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

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

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 12, 2021

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

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

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

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

QC Batch: 612090

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531024002

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

- MS (Lab ID: 3221851)
  - bis(2-Chloroethyl) ether

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
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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 12, 2021

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

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

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

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

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.

QC Batch: 612027

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531524002

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

- MS (Lab ID: 3221518)
  - Chloromethane

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

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	59.3	21.7	1	04/07/21 12:56	04/07/21 19:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	59.3	22.9	1	04/07/21 12:56	04/07/21 19:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	59.3	20.8	1	04/07/21 12:56	04/07/21 19:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	59.3	11.2	1	04/07/21 12:56	04/07/21 19:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	59.3	14.8	1	04/07/21 12:56	04/07/21 19:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	59.3	11.2	1	04/07/21 12:56	04/07/21 19:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	59.3	14.2	1	04/07/21 12:56	04/07/21 19:56	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	75	%	10-160		1	04/07/21 12:56	04/07/21 19:56	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**5.9J**	ug/kg	18.3	1.9	1	04/07/21 12:58	04/08/21 11:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/07/21 12:58	04/08/21 11:55	321-60-8	
Nitrobenzene-d5 (S)	78	%	32-130		1	04/07/21 12:58	04/08/21 11:55	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/07/21 12:58	04/08/21 11:55	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	83-32-9	
Acenaphthylene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	208-96-8	
Aniline	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	62-53-3	
Anthracene	ND	ug/kg	601	197	1	04/07/21 16:51	04/08/21 17:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	601	200	1	04/07/21 16:51	04/08/21 17:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	601	200	1	04/07/21 16:51	04/08/21 17:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	601	233	1	04/07/21 16:51	04/08/21 17:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	207-08-9	
Benzoic Acid	ND	ug/kg	3010	1290	1	04/07/21 16:51	04/08/21 17:50	65-85-0	
Benzyl alcohol	ND	ug/kg	1200	455	1	04/07/21 16:51	04/08/21 17:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	601	253	1	04/07/21 16:51	04/08/21 17:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1200	423	1	04/07/21 16:51	04/08/21 17:50	59-50-7	
4-Chloroaniline	ND	ug/kg	1200	472	1	04/07/21 16:51	04/08/21 17:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	601	250	1	04/07/21 16:51	04/08/21 17:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	111-44-4	
2-Chloronaphthalene	ND	ug/kg	601	239	1	04/07/21 16:51	04/08/21 17:50	91-58-7	
2-Chlorophenol	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	601	224	1	04/07/21 16:51	04/08/21 17:50	7005-72-3	
Chrysene	ND	ug/kg	601	219	1	04/07/21 16:51	04/08/21 17:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	53-70-3	
Dibenzofuran	ND	ug/kg	601	217	1	04/07/21 16:51	04/08/21 17:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1200	406	1	04/07/21 16:51	04/08/21 17:50	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	601	220	1	04/07/21 16:51	04/08/21 17:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	601	250	1	04/07/21 16:51	04/08/21 17:50	105-67-9	
Dimethylphthalate	ND	ug/kg	601	219	1	04/07/21 16:51	04/08/21 17:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	601	202	1	04/07/21 16:51	04/08/21 17:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1200	561	1	04/07/21 16:51	04/08/21 17:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3010	1860	1	04/07/21 16:51	04/08/21 17:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	601	220	1	04/07/21 16:51	04/08/21 17:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	601	237	1	04/07/21 16:51	04/08/21 17:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	601	233	1	04/07/21 16:51	04/08/21 17:50	117-81-7	
Fluoranthene	ND	ug/kg	601	206	1	04/07/21 16:51	04/08/21 17:50	206-44-0	
Fluorene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	86-73-7	
Hexachlorobenzene	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	601	344	1	04/07/21 16:51	04/08/21 17:50	77-47-4	
Hexachloroethane	ND	ug/kg	601	229	1	04/07/21 16:51	04/08/21 17:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	601	237	1	04/07/21 16:51	04/08/21 17:50	193-39-5	
Isophorone	ND	ug/kg	601	268	1	04/07/21 16:51	04/08/21 17:50	78-59-1	
1-Methylnaphthalene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	90-12-0	
2-Methylnaphthalene	ND	ug/kg	601	240	1	04/07/21 16:51	04/08/21 17:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	601	246	1	04/07/21 16:51	04/08/21 17:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	601	242	1	04/07/21 16:51	04/08/21 17:50	15831-10-4	
2-Nitroaniline	ND	ug/kg	3010	492	1	04/07/21 16:51	04/08/21 17:50	88-74-4	
3-Nitroaniline	ND	ug/kg	3010	472	1	04/07/21 16:51	04/08/21 17:50	99-09-2	
4-Nitroaniline	ND	ug/kg	1200	457	1	04/07/21 16:51	04/08/21 17:50	100-01-6	
Nitrobenzene	ND	ug/kg	601	279	1	04/07/21 16:51	04/08/21 17:50	98-95-3	
2-Nitrophenol	ND	ug/kg	601	260	1	04/07/21 16:51	04/08/21 17:50	88-75-5	
4-Nitrophenol	ND	ug/kg	3010	1160	1	04/07/21 16:51	04/08/21 17:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	601	202	1	04/07/21 16:51	04/08/21 17:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	601	213	1	04/07/21 16:51	04/08/21 17:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	601	286	1	04/07/21 16:51	04/08/21 17:50	108-60-1	
Pentachlorophenol	ND	ug/kg	1200	588	1	04/07/21 16:51	04/08/21 17:50	87-86-5	
Phenanthrene	ND	ug/kg	601	197	1	04/07/21 16:51	04/08/21 17:50	85-01-8	
Phenol	ND	ug/kg	601	268	1	04/07/21 16:51	04/08/21 17:50	108-95-2	
Pyrene	ND	ug/kg	601	244	1	04/07/21 16:51	04/08/21 17:50	129-00-0	
Pyridine	ND	ug/kg	601	189	1	04/07/21 16:51	04/08/21 17:50	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	601	275	1	04/07/21 16:51	04/08/21 17:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	601	248	1	04/07/21 16:51	04/08/21 17:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	21-130		1	04/07/21 16:51	04/08/21 17:50	4165-60-0	
2-Fluorobiphenyl (S)	42	%	19-130		1	04/07/21 16:51	04/08/21 17:50	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	04/07/21 16:51	04/08/21 17:50	1718-51-0	
Phenol-d6 (S)	48	%	18-130		1	04/07/21 16:51	04/08/21 17:50	13127-88-3	
2-Fluorophenol (S)	42	%	18-130		1	04/07/21 16:51	04/08/21 17:50	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/07/21 16:51	04/08/21 17:50	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**98.3J**	ug/kg	262	84.0	1	04/07/21 11:31	04/07/21 16:05	67-64-1	
Benzene	ND	ug/kg	13.1	5.2	1	04/07/21 11:31	04/07/21 16:05	71-43-2	
Bromobenzene	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	108-86-1	
Bromochloromethane	ND	ug/kg	13.1	3.9	1	04/07/21 11:31	04/07/21 16:05	74-97-5	
Bromodichloromethane	ND	ug/kg	13.1	5.1	1	04/07/21 11:31	04/07/21 16:05	75-27-4	
Bromoform	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	75-25-2	
Bromomethane	ND	ug/kg	26.2	20.7	1	04/07/21 11:31	04/07/21 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	262	62.8	1	04/07/21 11:31	04/07/21 16:05	78-93-3	
n-Butylbenzene	ND	ug/kg	13.1	6.2	1	04/07/21 11:31	04/07/21 16:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.1	4.9	1	04/07/21 11:31	04/07/21 16:05	56-23-5	
Chlorobenzene	ND	ug/kg	13.1	2.5	1	04/07/21 11:31	04/07/21 16:05	108-90-7	
Chloroethane	ND	ug/kg	26.2	10.1	1	04/07/21 11:31	04/07/21 16:05	75-00-3	
Chloroform	ND	ug/kg	13.1	8.0	1	04/07/21 11:31	04/07/21 16:05	67-66-3	
Chloromethane	ND	ug/kg	26.2	11.0	1	04/07/21 11:31	04/07/21 16:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.1	2.3	1	04/07/21 11:31	04/07/21 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.1	5.1	1	04/07/21 11:31	04/07/21 16:05	96-12-8	
Dibromochloromethane	ND	ug/kg	13.1	7.4	1	04/07/21 11:31	04/07/21 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	106-93-4	
Dibromomethane	ND	ug/kg	13.1	2.8	1	04/07/21 11:31	04/07/21 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.1	3.4	1	04/07/21 11:31	04/07/21 16:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.2	5.7	1	04/07/21 11:31	04/07/21 16:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.1	5.4	1	04/07/21 11:31	04/07/21 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.1	8.7	1	04/07/21 11:31	04/07/21 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.1	5.4	1	04/07/21 11:31	04/07/21 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.1	4.5	1	04/07/21 11:31	04/07/21 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.1	3.9	1	04/07/21 11:31	04/07/21 16:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.1	6.3	1	04/07/21 11:31	04/07/21 16:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.1	3.6	1	04/07/21 11:31	04/07/21 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.1	4.5	1	04/07/21 11:31	04/07/21 16:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	108-20-3	
Ethylbenzene	ND	ug/kg	13.1	6.1	1	04/07/21 11:31	04/07/21 16:05	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	26.2	21.4	1	04/07/21 11:31	04/07/21 16:05	87-68-3	
2-Hexanone	ND	ug/kg	131	12.6	1	04/07/21 11:31	04/07/21 16:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.1	4.4	1	04/07/21 11:31	04/07/21 16:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.1	6.4	1	04/07/21 11:31	04/07/21 16:05	99-87-6	
Methylene Chloride	ND	ug/kg	52.3	35.9	1	04/07/21 11:31	04/07/21 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	131	12.6	1	04/07/21 11:31	04/07/21 16:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.1	4.9	1	04/07/21 11:31	04/07/21 16:05	1634-04-4	
Naphthalene	**17.4**	ug/kg	13.1	6.9	1	04/07/21 11:31	04/07/21 16:05	91-20-3	
n-Propylbenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	103-65-1	
Styrene	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.1	5.0	1	04/07/21 11:31	04/07/21 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	79-34-5	
Tetrachloroethene	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	127-18-4	
Toluene	**10.9J**	ug/kg	13.1	3.7	1	04/07/21 11:31	04/07/21 16:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.1	10.6	1	04/07/21 11:31	04/07/21 16:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.1	11.0	1	04/07/21 11:31	04/07/21 16:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.1	6.8	1	04/07/21 11:31	04/07/21 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	79-00-5	
Trichloroethene	ND	ug/kg	13.1	3.4	1	04/07/21 11:31	04/07/21 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.1	7.2	1	04/07/21 11:31	04/07/21 16:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.1	6.6	1	04/07/21 11:31	04/07/21 16:05	96-18-4	
1,2,4-Trimethylbenzene	**8.3J**	ug/kg	13.1	3.6	1	04/07/21 11:31	04/07/21 16:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.1	4.4	1	04/07/21 11:31	04/07/21 16:05	108-67-8	
Vinyl acetate	ND	ug/kg	131	9.5	1	04/07/21 11:31	04/07/21 16:05	108-05-4	
Vinyl chloride	ND	ug/kg	26.2	6.6	1	04/07/21 11:31	04/07/21 16:05	75-01-4	
Xylene (Total)	**21.6J**	ug/kg	26.2	7.5	1	04/07/21 11:31	04/07/21 16:05	1330-20-7	
m&p-Xylene	**13.2J**	ug/kg	26.2	9.0	1	04/07/21 11:31	04/07/21 16:05	179601-23-1	
o-Xylene	**8.3J**	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 16:05	2037-26-5	
4-Bromofluorobenzene (S)	111	%	69-134		1	04/07/21 11:31	04/07/21 16:05	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/07/21 11:31	04/07/21 16:05	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**44.5**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.8	14.6	1	04/07/21 12:56	04/07/21 20:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.8	15.4	1	04/07/21 12:56	04/07/21 20:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.8	14.0	1	04/07/21 12:56	04/07/21 20:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.8	7.5	1	04/07/21 12:56	04/07/21 20:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.8	9.9	1	04/07/21 12:56	04/07/21 20:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.8	7.5	1	04/07/21 12:56	04/07/21 20:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.8	9.5	1	04/07/21 12:56	04/07/21 20:10	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	44	%	10-160		1	04/07/21 12:56	04/07/21 20:10	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**15.2**	ug/kg	11.7	1.2	1	04/07/21 12:58	04/08/21 12:36	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	40	%	31-130		1	04/07/21 12:58	04/08/21 12:36	321-60-8	
Nitrobenzene-d5 (S)	75	%	32-130		1	04/07/21 12:58	04/08/21 12:36	4165-60-0	
Terphenyl-d14 (S)	63	%	24-130		1	04/07/21 12:58	04/08/21 12:36	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	83-32-9	
Acenaphthylene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	208-96-8	
Aniline	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	62-53-3	
Anthracene	ND	ug/kg	396	130	1	04/07/21 16:51	04/09/21 16:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	132	1	04/07/21 16:51	04/09/21 16:32	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	396	132	1	04/07/21 16:51	04/09/21 16:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	154	1	04/07/21 16:51	04/09/21 16:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	207-08-9	
Benzoic Acid	ND	ug/kg	1980	850	1	04/07/21 16:51	04/09/21 16:32	65-85-0	
Benzyl alcohol	ND	ug/kg	791	300	1	04/07/21 16:51	04/09/21 16:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	396	167	1	04/07/21 16:51	04/09/21 16:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	791	278	1	04/07/21 16:51	04/09/21 16:32	59-50-7	
4-Chloroaniline	ND	ug/kg	791	311	1	04/07/21 16:51	04/09/21 16:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	396	164	1	04/07/21 16:51	04/09/21 16:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	111-44-4	
2-Chloronaphthalene	ND	ug/kg	396	157	1	04/07/21 16:51	04/09/21 16:32	91-58-7	
2-Chlorophenol	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	396	148	1	04/07/21 16:51	04/09/21 16:32	7005-72-3	
Chrysene	ND	ug/kg	396	144	1	04/07/21 16:51	04/09/21 16:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	53-70-3	
Dibenzofuran	ND	ug/kg	396	143	1	04/07/21 16:51	04/09/21 16:32	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	791	267	1	04/07/21 16:51	04/09/21 16:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	396	145	1	04/07/21 16:51	04/09/21 16:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	396	164	1	04/07/21 16:51	04/09/21 16:32	105-67-9	
Dimethylphthalate	ND	ug/kg	396	144	1	04/07/21 16:51	04/09/21 16:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	396	133	1	04/07/21 16:51	04/09/21 16:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	791	369	1	04/07/21 16:51	04/09/21 16:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1220	1	04/07/21 16:51	04/09/21 16:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	396	145	1	04/07/21 16:51	04/09/21 16:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	396	156	1	04/07/21 16:51	04/09/21 16:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	396	154	1	04/07/21 16:51	04/09/21 16:32	117-81-7	
Fluoranthene	ND	ug/kg	396	136	1	04/07/21 16:51	04/09/21 16:32	206-44-0	
Fluorene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	86-73-7	
Hexachlorobenzene	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	396	227	1	04/07/21 16:51	04/09/21 16:32	77-47-4	v2
Hexachloroethane	ND	ug/kg	396	151	1	04/07/21 16:51	04/09/21 16:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	156	1	04/07/21 16:51	04/09/21 16:32	193-39-5	
Isophorone	ND	ug/kg	396	176	1	04/07/21 16:51	04/09/21 16:32	78-59-1	
1-Methylnaphthalene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	90-12-0	
2-Methylnaphthalene	ND	ug/kg	396	158	1	04/07/21 16:51	04/09/21 16:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	396	162	1	04/07/21 16:51	04/09/21 16:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	396	159	1	04/07/21 16:51	04/09/21 16:32	15831-10-4	
2-Nitroaniline	ND	ug/kg	1980	324	1	04/07/21 16:51	04/09/21 16:32	88-74-4	
3-Nitroaniline	ND	ug/kg	1980	311	1	04/07/21 16:51	04/09/21 16:32	99-09-2	IL
4-Nitroaniline	ND	ug/kg	791	301	1	04/07/21 16:51	04/09/21 16:32	100-01-6	
Nitrobenzene	ND	ug/kg	396	183	1	04/07/21 16:51	04/09/21 16:32	98-95-3	v1
2-Nitrophenol	ND	ug/kg	396	171	1	04/07/21 16:51	04/09/21 16:32	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	765	1	04/07/21 16:51	04/09/21 16:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	396	133	1	04/07/21 16:51	04/09/21 16:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	396	140	1	04/07/21 16:51	04/09/21 16:32	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	396	188	1	04/07/21 16:51	04/09/21 16:32	108-60-1	v1
Pentachlorophenol	ND	ug/kg	791	387	1	04/07/21 16:51	04/09/21 16:32	87-86-5	v2
Phenanthrene	ND	ug/kg	396	130	1	04/07/21 16:51	04/09/21 16:32	85-01-8	
Phenol	ND	ug/kg	396	176	1	04/07/21 16:51	04/09/21 16:32	108-95-2	
Pyrene	ND	ug/kg	396	161	1	04/07/21 16:51	04/09/21 16:32	129-00-0	
Pyridine	ND	ug/kg	396	125	1	04/07/21 16:51	04/09/21 16:32	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	396	181	1	04/07/21 16:51	04/09/21 16:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	396	163	1	04/07/21 16:51	04/09/21 16:32	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/07/21 16:51	04/09/21 16:32	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	04/07/21 16:51	04/09/21 16:32	321-60-8	
Terphenyl-d14 (S)	31	%	15-130		1	04/07/21 16:51	04/09/21 16:32	1718-51-0	
Phenol-d6 (S)	63	%	18-130		1	04/07/21 16:51	04/09/21 16:32	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	04/07/21 16:51	04/09/21 16:32	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	47	%	18-130		1	04/07/21 16:51	04/09/21 16:32	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	124	39.7	1	04/07/21 11:31	04/07/21 16:41	67-64-1	
Benzene	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	04/07/21 11:31	04/07/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	04/07/21 11:31	04/07/21 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	124	29.7	1	04/07/21 11:31	04/07/21 16:41	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	2.9	1	04/07/21 11:31	04/07/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	04/07/21 11:31	04/07/21 16:41	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	04/07/21 11:31	04/07/21 16:41	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	04/07/21 11:31	04/07/21 16:41	75-00-3	
Chloroform	ND	ug/kg	6.2	3.8	1	04/07/21 11:31	04/07/21 16:41	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	04/07/21 11:31	04/07/21 16:41	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	04/07/21 11:31	04/07/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	04/07/21 11:31	04/07/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	04/07/21 11:31	04/07/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	04/07/21 11:31	04/07/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	04/07/21 11:31	04/07/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	04/07/21 11:31	04/07/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	108-20-3	
Ethylbenzene	ND	ug/kg	6.2	2.9	1	04/07/21 11:31	04/07/21 16:41	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.1	1	04/07/21 11:31	04/07/21 16:41	87-68-3	
2-Hexanone	ND	ug/kg	61.8	6.0	1	04/07/21 11:31	04/07/21 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	3.0	1	04/07/21 11:31	04/07/21 16:41	99-87-6	
Methylene Chloride	ND	ug/kg	24.7	16.9	1	04/07/21 11:31	04/07/21 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.8	6.0	1	04/07/21 11:31	04/07/21 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	04/07/21 11:31	04/07/21 16:41	1634-04-4	
Naphthalene	**5.2J**	ug/kg	6.2	3.3	1	04/07/21 11:31	04/07/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	103-65-1	
Styrene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	127-18-4	
Toluene	**3.7J**	ug/kg	6.2	1.8	1	04/07/21 11:31	04/07/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	04/07/21 11:31	04/07/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	04/07/21 11:31	04/07/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	04/07/21 11:31	04/07/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	04/07/21 11:31	04/07/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	04/07/21 11:31	04/07/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	108-67-8	
Vinyl acetate	ND	ug/kg	61.8	4.5	1	04/07/21 11:31	04/07/21 16:41	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.1	1	04/07/21 11:31	04/07/21 16:41	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	3.5	1	04/07/21 11:31	04/07/21 16:41	1330-20-7	
m&p-Xylene	ND	ug/kg	12.4	4.2	1	04/07/21 11:31	04/07/21 16:41	179601-23-1	
o-Xylene	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/07/21 11:31	04/07/21 16:41	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/07/21 11:31	04/07/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1	04/07/21 11:31	04/07/21 16:41	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.1**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.3	14.4	1	04/07/21 12:56	04/07/21 20:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.3	15.2	1	04/07/21 12:56	04/07/21 20:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.3	13.8	1	04/07/21 12:56	04/07/21 20:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.3	7.4	1	04/07/21 12:56	04/07/21 20:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.3	9.8	1	04/07/21 12:56	04/07/21 20:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.3	7.4	1	04/07/21 12:56	04/07/21 20:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.3	9.4	1	04/07/21 12:56	04/07/21 20:24	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	47	%	10-160		1	04/07/21 12:56	04/07/21 20:24	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**10.5J**	ug/kg	12.0	1.2	1	04/07/21 12:58	04/08/21 13:17	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/07/21 12:58	04/08/21 13:17	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/07/21 12:58	04/08/21 13:17	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/07/21 12:58	04/08/21 13:17	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	83-32-9	
Acenaphthylene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	208-96-8	
Aniline	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	62-53-3	
Anthracene	ND	ug/kg	391	128	1	04/07/21 16:51	04/09/21 16:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	391	130	1	04/07/21 16:51	04/09/21 16:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	391	130	1	04/07/21 16:51	04/09/21 16:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	391	151	1	04/07/21 16:51	04/09/21 16:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	207-08-9	
Benzoic Acid	ND	ug/kg	1950	839	1	04/07/21 16:51	04/09/21 16:59	65-85-0	
Benzyl alcohol	ND	ug/kg	781	296	1	04/07/21 16:51	04/09/21 16:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	391	164	1	04/07/21 16:51	04/09/21 16:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	781	275	1	04/07/21 16:51	04/09/21 16:59	59-50-7	
4-Chloroaniline	ND	ug/kg	781	307	1	04/07/21 16:51	04/09/21 16:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	391	162	1	04/07/21 16:51	04/09/21 16:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	111-44-4	
2-Chloronaphthalene	ND	ug/kg	391	155	1	04/07/21 16:51	04/09/21 16:59	91-58-7	
2-Chlorophenol	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	391	146	1	04/07/21 16:51	04/09/21 16:59	7005-72-3	
Chrysene	ND	ug/kg	391	142	1	04/07/21 16:51	04/09/21 16:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	53-70-3	
Dibenzofuran	ND	ug/kg	391	141	1	04/07/21 16:51	04/09/21 16:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	781	264	1	04/07/21 16:51	04/09/21 16:59	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	391	143	1	04/07/21 16:51	04/09/21 16:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	391	162	1	04/07/21 16:51	04/09/21 16:59	105-67-9	
Dimethylphthalate	ND	ug/kg	391	142	1	04/07/21 16:51	04/09/21 16:59	131-11-3	
Di-n-butylphthalate	ND	ug/kg	391	131	1	04/07/21 16:51	04/09/21 16:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	781	364	1	04/07/21 16:51	04/09/21 16:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1950	1210	1	04/07/21 16:51	04/09/21 16:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	391	143	1	04/07/21 16:51	04/09/21 16:59	606-20-2	
Di-n-octylphthalate	ND	ug/kg	391	154	1	04/07/21 16:51	04/09/21 16:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	391	151	1	04/07/21 16:51	04/09/21 16:59	117-81-7	
Fluoranthene	ND	ug/kg	391	134	1	04/07/21 16:51	04/09/21 16:59	206-44-0	
Fluorene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	86-73-7	
Hexachlorobenzene	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	391	224	1	04/07/21 16:51	04/09/21 16:59	77-47-4	v2
Hexachloroethane	ND	ug/kg	391	149	1	04/07/21 16:51	04/09/21 16:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	391	154	1	04/07/21 16:51	04/09/21 16:59	193-39-5	
Isophorone	ND	ug/kg	391	174	1	04/07/21 16:51	04/09/21 16:59	78-59-1	
1-Methylnaphthalene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	90-12-0	
2-Methylnaphthalene	ND	ug/kg	391	156	1	04/07/21 16:51	04/09/21 16:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	391	160	1	04/07/21 16:51	04/09/21 16:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	391	157	1	04/07/21 16:51	04/09/21 16:59	15831-10-4	
2-Nitroaniline	ND	ug/kg	1950	320	1	04/07/21 16:51	04/09/21 16:59	88-74-4	
3-Nitroaniline	ND	ug/kg	1950	307	1	04/07/21 16:51	04/09/21 16:59	99-09-2	IL
4-Nitroaniline	ND	ug/kg	781	297	1	04/07/21 16:51	04/09/21 16:59	100-01-6	
Nitrobenzene	ND	ug/kg	391	181	1	04/07/21 16:51	04/09/21 16:59	98-95-3	v1
2-Nitrophenol	ND	ug/kg	391	169	1	04/07/21 16:51	04/09/21 16:59	88-75-5	
4-Nitrophenol	ND	ug/kg	1950	755	1	04/07/21 16:51	04/09/21 16:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	391	131	1	04/07/21 16:51	04/09/21 16:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	391	138	1	04/07/21 16:51	04/09/21 16:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	391	186	1	04/07/21 16:51	04/09/21 16:59	108-60-1	v1
Pentachlorophenol	ND	ug/kg	781	382	1	04/07/21 16:51	04/09/21 16:59	87-86-5	v2
Phenanthrene	ND	ug/kg	391	128	1	04/07/21 16:51	04/09/21 16:59	85-01-8	
Phenol	ND	ug/kg	391	174	1	04/07/21 16:51	04/09/21 16:59	108-95-2	
Pyrene	ND	ug/kg	391	159	1	04/07/21 16:51	04/09/21 16:59	129-00-0	
Pyridine	ND	ug/kg	391	123	1	04/07/21 16:51	04/09/21 16:59	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	391	179	1	04/07/21 16:51	04/09/21 16:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	391	161	1	04/07/21 16:51	04/09/21 16:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	21-130		1	04/07/21 16:51	04/09/21 16:59	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 16:51	04/09/21 16:59	321-60-8	
Terphenyl-d14 (S)	36	%	15-130		1	04/07/21 16:51	04/09/21 16:59	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 16:59	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	04/07/21 16:51	04/09/21 16:59	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/07/21 16:51	04/09/21 16:59	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	114	36.5	1	04/07/21 11:31	04/07/21 16:59	67-64-1	
Benzene	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1.7	1	04/07/21 11:31	04/07/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	75-27-4	
Bromoform	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	75-25-2	
Bromomethane	ND	ug/kg	11.4	9.0	1	04/07/21 11:31	04/07/21 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	114	27.3	1	04/07/21 11:31	04/07/21 16:59	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.7	2.1	1	04/07/21 11:31	04/07/21 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1.1	1	04/07/21 11:31	04/07/21 16:59	108-90-7	
Chloroethane	ND	ug/kg	11.4	4.4	1	04/07/21 11:31	04/07/21 16:59	75-00-3	
Chloroform	ND	ug/kg	5.7	3.5	1	04/07/21 11:31	04/07/21 16:59	67-66-3	
Chloromethane	ND	ug/kg	11.4	4.8	1	04/07/21 11:31	04/07/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1.0	1	04/07/21 11:31	04/07/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	3.2	1	04/07/21 11:31	04/07/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1.2	1	04/07/21 11:31	04/07/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.4	2.5	1	04/07/21 11:31	04/07/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	3.8	1	04/07/21 11:31	04/07/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1.7	1	04/07/21 11:31	04/07/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	108-20-3	
Ethylbenzene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	11.4	9.3	1	04/07/21 11:31	04/07/21 16:59	87-68-3	
2-Hexanone	ND	ug/kg	56.9	5.5	1	04/07/21 11:31	04/07/21 16:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	2.8	1	04/07/21 11:31	04/07/21 16:59	99-87-6	
Methylene Chloride	ND	ug/kg	22.8	15.6	1	04/07/21 11:31	04/07/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**15.7J**	ug/kg	56.9	5.5	1	04/07/21 11:31	04/07/21 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	2.1	1	04/07/21 11:31	04/07/21 16:59	1634-04-4	
Naphthalene	ND	ug/kg	5.7	3.0	1	04/07/21 11:31	04/07/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	103-65-1	
Styrene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	127-18-4	
Toluene	**8.4**	ug/kg	5.7	1.6	1	04/07/21 11:31	04/07/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	4.6	1	04/07/21 11:31	04/07/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	4.8	1	04/07/21 11:31	04/07/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	3.0	1	04/07/21 11:31	04/07/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	3.1	1	04/07/21 11:31	04/07/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	2.9	1	04/07/21 11:31	04/07/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1.6	1	04/07/21 11:31	04/07/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	108-67-8	
Vinyl acetate	ND	ug/kg	56.9	4.1	1	04/07/21 11:31	04/07/21 16:59	108-05-4	
Vinyl chloride	ND	ug/kg	11.4	2.9	1	04/07/21 11:31	04/07/21 16:59	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	3.2	1	04/07/21 11:31	04/07/21 16:59	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	3.9	1	04/07/21 11:31	04/07/21 16:59	179601-23-1	
o-Xylene	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 16:59	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/07/21 11:31	04/07/21 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/07/21 11:31	04/07/21 16:59	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.9**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	41.3	15.1	1	04/07/21 12:56	04/07/21 20:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.3	15.9	1	04/07/21 12:56	04/07/21 20:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.3	14.5	1	04/07/21 12:56	04/07/21 20:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.3	7.8	1	04/07/21 12:56	04/07/21 20:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.3	10.3	1	04/07/21 12:56	04/07/21 20:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.3	7.8	1	04/07/21 12:56	04/07/21 20:39	11097-69-1	
PCB-1260 (Aroclor 1260)	**35.2J**	ug/kg	41.3	9.9	1	04/07/21 12:56	04/07/21 20:39	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	40	%	10-160		1	04/07/21 12:56	04/07/21 20:39	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**8.5J**	ug/kg	12.5	1.3	1	04/07/21 12:58	04/08/21 13:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	52	%	31-130		1	04/07/21 12:58	04/08/21 13:37	321-60-8	
Nitrobenzene-d5 (S)	70	%	32-130		1	04/07/21 12:58	04/08/21 13:37	4165-60-0	
Terphenyl-d14 (S)	71	%	24-130		1	04/07/21 12:58	04/08/21 13:37	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	83-32-9	
Acenaphthylene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	208-96-8	
Aniline	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	62-53-3	
Anthracene	ND	ug/kg	410	134	1	04/07/21 16:51	04/09/21 17:26	120-12-7	
Benzo(a)anthracene	**198J**	ug/kg	410	137	1	04/07/21 16:51	04/09/21 17:26	56-55-3	
Benzo(b)fluoranthene	**331J**	ug/kg	410	137	1	04/07/21 16:51	04/09/21 17:26	205-99-2	
Benzo(g,h,i)perylene	**168J**	ug/kg	410	159	1	04/07/21 16:51	04/09/21 17:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	207-08-9	
Benzoic Acid	ND	ug/kg	2050	881	1	04/07/21 16:51	04/09/21 17:26	65-85-0	
Benzyl alcohol	ND	ug/kg	820	311	1	04/07/21 16:51	04/09/21 17:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	410	173	1	04/07/21 16:51	04/09/21 17:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	820	288	1	04/07/21 16:51	04/09/21 17:26	59-50-7	
4-Chloroaniline	ND	ug/kg	820	322	1	04/07/21 16:51	04/09/21 17:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	410	170	1	04/07/21 16:51	04/09/21 17:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	111-44-4	
2-Chloronaphthalene	ND	ug/kg	410	163	1	04/07/21 16:51	04/09/21 17:26	91-58-7	
2-Chlorophenol	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	410	153	1	04/07/21 16:51	04/09/21 17:26	7005-72-3	
Chrysene	**206J**	ug/kg	410	149	1	04/07/21 16:51	04/09/21 17:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	53-70-3	
Dibenzofuran	ND	ug/kg	410	148	1	04/07/21 16:51	04/09/21 17:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	820	277	1	04/07/21 16:51	04/09/21 17:26	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	410	150	1	04/07/21 16:51	04/09/21 17:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	410	170	1	04/07/21 16:51	04/09/21 17:26	105-67-9	
Dimethylphthalate	ND	ug/kg	410	149	1	04/07/21 16:51	04/09/21 17:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	410	138	1	04/07/21 16:51	04/09/21 17:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	820	383	1	04/07/21 16:51	04/09/21 17:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1270	1	04/07/21 16:51	04/09/21 17:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	410	150	1	04/07/21 16:51	04/09/21 17:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	410	161	1	04/07/21 16:51	04/09/21 17:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	159	1	04/07/21 16:51	04/09/21 17:26	117-81-7	
Fluoranthene	**302J**	ug/kg	410	140	1	04/07/21 16:51	04/09/21 17:26	206-44-0	
Fluorene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	86-73-7	
Hexachlorobenzene	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	410	235	1	04/07/21 16:51	04/09/21 17:26	77-47-4	v2
Hexachloroethane	ND	ug/kg	410	157	1	04/07/21 16:51	04/09/21 17:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	161	1	04/07/21 16:51	04/09/21 17:26	193-39-5	
Isophorone	ND	ug/kg	410	183	1	04/07/21 16:51	04/09/21 17:26	78-59-1	
1-Methylnaphthalene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	90-12-0	
2-Methylnaphthalene	ND	ug/kg	410	164	1	04/07/21 16:51	04/09/21 17:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	410	168	1	04/07/21 16:51	04/09/21 17:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	410	165	1	04/07/21 16:51	04/09/21 17:26	15831-10-4	
2-Nitroaniline	ND	ug/kg	2050	335	1	04/07/21 16:51	04/09/21 17:26	88-74-4	
3-Nitroaniline	ND	ug/kg	2050	322	1	04/07/21 16:51	04/09/21 17:26	99-09-2	IL
4-Nitroaniline	ND	ug/kg	820	312	1	04/07/21 16:51	04/09/21 17:26	100-01-6	
Nitrobenzene	ND	ug/kg	410	190	1	04/07/21 16:51	04/09/21 17:26	98-95-3	v1
2-Nitrophenol	ND	ug/kg	410	178	1	04/07/21 16:51	04/09/21 17:26	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	793	1	04/07/21 16:51	04/09/21 17:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	410	138	1	04/07/21 16:51	04/09/21 17:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	410	145	1	04/07/21 16:51	04/09/21 17:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	410	195	1	04/07/21 16:51	04/09/21 17:26	108-60-1	v1
Pentachlorophenol	ND	ug/kg	820	401	1	04/07/21 16:51	04/09/21 17:26	87-86-5	v2
Phenanthrene	ND	ug/kg	410	134	1	04/07/21 16:51	04/09/21 17:26	85-01-8	
Phenol	ND	ug/kg	410	183	1	04/07/21 16:51	04/09/21 17:26	108-95-2	
Pyrene	**245J**	ug/kg	410	166	1	04/07/21 16:51	04/09/21 17:26	129-00-0	
Pyridine	ND	ug/kg	410	129	1	04/07/21 16:51	04/09/21 17:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	410	188	1	04/07/21 16:51	04/09/21 17:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	410	169	1	04/07/21 16:51	04/09/21 17:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 16:51	04/09/21 17:26	4165-60-0	
2-Fluorobiphenyl (S)	39	%	19-130		1	04/07/21 16:51	04/09/21 17:26	321-60-8	
Terphenyl-d14 (S)	27	%	15-130		1	04/07/21 16:51	04/09/21 17:26	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 17:26	13127-88-3	
2-Fluorophenol (S)	54	%	18-130		1	04/07/21 16:51	04/09/21 17:26	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 17:26	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	128	41.1	1	04/07/21 11:31	04/07/21 17:17	67-64-1	
Benzene	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	1.9	1	04/07/21 11:31	04/07/21 17:17	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	75-27-4	
Bromoform	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	75-25-2	
Bromomethane	ND	ug/kg	12.8	10.1	1	04/07/21 11:31	04/07/21 17:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	128	30.8	1	04/07/21 11:31	04/07/21 17:17	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	3.0	1	04/07/21 11:31	04/07/21 17:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.4	2.4	1	04/07/21 11:31	04/07/21 17:17	56-23-5	
Chlorobenzene	**3.5J**	ug/kg	6.4	1.2	1	04/07/21 11:31	04/07/21 17:17	108-90-7	
Chloroethane	ND	ug/kg	12.8	4.9	1	04/07/21 11:31	04/07/21 17:17	75-00-3	
Chloroform	ND	ug/kg	6.4	3.9	1	04/07/21 11:31	04/07/21 17:17	67-66-3	
Chloromethane	ND	ug/kg	12.8	5.4	1	04/07/21 11:31	04/07/21 17:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	1.1	1	04/07/21 11:31	04/07/21 17:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	3.6	1	04/07/21 11:31	04/07/21 17:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	106-93-4	
Dibromomethane	ND	ug/kg	6.4	1.4	1	04/07/21 11:31	04/07/21 17:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	95-50-1	
1,3-Dichlorobenzene	**6.0J**	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	541-73-1	
1,4-Dichlorobenzene	**9.8**	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.8	2.8	1	04/07/21 11:31	04/07/21 17:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	4.2	1	04/07/21 11:31	04/07/21 17:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1.9	1	04/07/21 11:31	04/07/21 17:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	3.1	1	04/07/21 11:31	04/07/21 17:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	3.0	1	04/07/21 11:31	04/07/21 17:17	100-41-4	

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

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	12.8	10.5	1	04/07/21 11:31	04/07/21 17:17	87-68-3	
2-Hexanone	ND	ug/kg	64.1	6.2	1	04/07/21 11:31	04/07/21 17:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	3.2	1	04/07/21 11:31	04/07/21 17:17	99-87-6	
Methylene Chloride	ND	ug/kg	25.6	17.6	1	04/07/21 11:31	04/07/21 17:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.1	6.2	1	04/07/21 11:31	04/07/21 17:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	2.4	1	04/07/21 11:31	04/07/21 17:17	1634-04-4	
Naphthalene	ND	ug/kg	6.4	3.4	1	04/07/21 11:31	04/07/21 17:17	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	103-65-1	
Styrene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	127-18-4	
Toluene	**5.4J**	ug/kg	6.4	1.8	1	04/07/21 11:31	04/07/21 17:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	5.2	1	04/07/21 11:31	04/07/21 17:17	87-61-6	
1,2,4-Trichlorobenzene	**8.9**	ug/kg	6.4	5.4	1	04/07/21 11:31	04/07/21 17:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	3.3	1	04/07/21 11:31	04/07/21 17:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	3.5	1	04/07/21 11:31	04/07/21 17:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	3.2	1	04/07/21 11:31	04/07/21 17:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.8	1	04/07/21 11:31	04/07/21 17:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	108-67-8	
Vinyl acetate	ND	ug/kg	64.1	4.7	1	04/07/21 11:31	04/07/21 17:17	108-05-4	
Vinyl chloride	ND	ug/kg	12.8	3.3	1	04/07/21 11:31	04/07/21 17:17	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	3.7	1	04/07/21 11:31	04/07/21 17:17	1330-20-7	
m&p-Xylene	ND	ug/kg	12.8	4.4	1	04/07/21 11:31	04/07/21 17:17	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 17:17	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/07/21 11:31	04/07/21 17:17	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/07/21 11:31	04/07/21 17:17	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**19.8**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612027
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221515 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/07/21 15:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/07/21 15:47	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/07/21 15:47	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/07/21 15:47	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/07/21 15:47	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/07/21 15:47	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/07/21 15:47	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/07/21 15:47	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/07/21 15:47	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/07/21 15:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/07/21 15:47	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/07/21 15:47	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/07/21 15:47	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/07/21 15:47	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/07/21 15:47	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/07/21 15:47	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
2-Hexanone	ug/kg	ND	50.0	4.8	04/07/21 15:47	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/07/21 15:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/07/21 15:47	
Acetone	ug/kg	ND	100	32.1	04/07/21 15:47	
Benzene	ug/kg	ND	5.0	2.0	04/07/21 15:47	
Bromobenzene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/07/21 15:47	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Bromoform	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Bromomethane	ug/kg	ND	10.0	7.9	04/07/21 15:47	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/07/21 15:47	
Chloroethane	ug/kg	ND	10.0	3.9	04/07/21 15:47	
Chloroform	ug/kg	ND	5.0	3.0	04/07/21 15:47	
Chloromethane	ug/kg	ND	10.0	4.2	04/07/21 15:47	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/07/21 15:47	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

METHOD BLANK: 3221515 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/07/21 15:47	
Dibromomethane	ug/kg	ND	5.0	1.1	04/07/21 15:47	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/07/21 15:47	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/07/21 15:47	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/07/21 15:47	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/07/21 15:47	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/07/21 15:47	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/07/21 15:47	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/07/21 15:47	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/07/21 15:47	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Naphthalene	ug/kg	ND	5.0	2.6	04/07/21 15:47	
o-Xylene	ug/kg	ND	5.0	2.2	04/07/21 15:47	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/07/21 15:47	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/07/21 15:47	
Styrene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
Toluene	ug/kg	ND	5.0	1.4	04/07/21 15:47	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
Trichloroethene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/07/21 15:47	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/07/21 15:47	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/07/21 15:47	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/07/21 15:47	
1,2-Dichloroethane-d4 (S)	%	111	70-130		04/07/21 15:47	
4-Bromofluorobenzene (S)	%	107	69-134		04/07/21 15:47	
Toluene-d8 (S)	%	100	70-130		04/07/21 15:47	

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1180	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1140	91	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1170	93	70-130	
1,1-Dichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1250	100	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1160	93	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1210	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1120	90	68-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1180	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1210	97	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
1,2-Dichloroethane	ug/kg	1250	1190	95	63-130	
1,2-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1070	86	70-130	
1,3-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1130	90	70-130	
2,2-Dichloropropane	ug/kg	1250	1140	91	66-130	
2-Butanone (MEK)	ug/kg	2500	2700	108	70-130	
2-Chlorotoluene	ug/kg	1250	1210	97	70-130	
2-Hexanone	ug/kg	2500	2740	110	70-130	
4-Chlorotoluene	ug/kg	1250	1170	93	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2650	106	70-130	
Acetone	ug/kg	2500	2630	105	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1140	91	70-130	
Bromochloromethane	ug/kg	1250	1180	94	70-130	
Bromodichloromethane	ug/kg	1250	1190	95	69-130	
Bromoform	ug/kg	1250	1210	96	70-130	
Bromomethane	ug/kg	1250	1110	89	52-130	
Carbon tetrachloride	ug/kg	1250	1170	94	70-130	
Chlorobenzene	ug/kg	1250	1150	92	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1100	88	70-130	
Chloromethane	ug/kg	1250	1220	98	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1220	98	70-130	
Dibromomethane	ug/kg	1250	1150	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	97	45-156	
Diisopropyl ether	ug/kg	1250	1240	99	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	95	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	94	70-130	
Methylene Chloride	ug/kg	1250	1300	104	65-130	
n-Butylbenzene	ug/kg	1250	1170	93	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1150	92	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1250	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1100	88	67-130	
Tetrachloroethene	ug/kg	1250	1110	89	70-130	
Toluene	ug/kg	1250	1170	93	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1120	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1090	88	70-130	
Vinyl acetate	ug/kg	2500	2960	119	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3221518

Parameter	Units	92531524002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	618	660	107	70-131	
1,1,1-Trichloroethane	ug/kg	ND	618	674	109	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	618	653	106	66-130	
1,1,2-Trichloroethane	ug/kg	ND	618	655	106	66-133	
1,1-Dichloroethane	ug/kg	ND	618	641	104	65-130	
1,1-Dichloroethene	ug/kg	ND	618	698	113	10-158	
1,1-Dichloropropene	ug/kg	ND	618	709	115	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	618	674	109	27-138	
1,2,3-Trichloropropane	ug/kg	ND	618	633	102	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	618	657	106	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	618	690	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	618	547	89	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	618	656	106	70-130	
1,2-Dichlorobenzene	ug/kg	ND	618	645	104	69-130	
1,2-Dichloroethane	ug/kg	ND	618	701	113	59-130	
1,2-Dichloropropane	ug/kg	ND	618	735	119	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	618	710	115	65-137	
1,3-Dichlorobenzene	ug/kg	ND	618	644	104	70-130	
1,3-Dichloropropane	ug/kg	ND	618	706	114	70-130	
1,4-Dichlorobenzene	ug/kg	ND	618	639	103	68-130	
2,2-Dichloropropane	ug/kg	ND	618	599	97	32-130	
2-Butanone (MEK)	ug/kg	ND	1240	1340	108	10-136	
2-Chlorotoluene	ug/kg	ND	618	703	114	69-141	
2-Hexanone	ug/kg	ND	1240	1370	111	10-144	
4-Chlorotoluene	ug/kg	ND	618	678	110	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1240	1380	112	25-143	
Acetone	ug/kg	ND	1240	1100	89	10-130	
Benzene	ug/kg	ND	618	707	114	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

MATRIX SPIKE SAMPLE: 3221518

Parameter	Units	92531524002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	618	647	105	70-130	
Bromochloromethane	ug/kg	ND	618	628	102	69-134	
Bromodichloromethane	ug/kg	ND	618	648	105	64-130	
Bromoform	ug/kg	ND	618	582	94	62-130	
Bromomethane	ug/kg	ND	618	572	93	20-176	
Carbon tetrachloride	ug/kg	ND	618	652	106	65-140	
Chlorobenzene	ug/kg	ND	618	667	108	70-130	
Chloroethane	ug/kg	ND	618	273	44	10-130	
Chloroform	ug/kg	ND	618	629	102	63-130	
Chloromethane	ug/kg	ND	618	807	131	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	618	705	114	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	618	678	110	67-130	
Dibromochloromethane	ug/kg	ND	618	629	102	67-130	
Dibromomethane	ug/kg	ND	618	608	98	63-131	
Dichlorodifluoromethane	ug/kg	ND	618	749	121	44-180	
Diisopropyl ether	ug/kg	ND	618	689	112	63-130	
Ethylbenzene	ug/kg	ND	618	673	109	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	618	736	119	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	618	728	118	69-135	
m&p-Xylene	ug/kg	ND	1240	1440	117	60-133	
Methyl-tert-butyl ether	ug/kg	ND	618	630	102	65-130	
Methylene Chloride	ug/kg	ND	618	701	113	61-130	
n-Butylbenzene	ug/kg	ND	618	703	114	65-140	
n-Propylbenzene	ug/kg	ND	618	707	114	67-140	
Naphthalene	ug/kg	5.2J	618	638	102	15-145	
o-Xylene	ug/kg	ND	618	699	113	66-133	
p-Isopropyltoluene	ug/kg	ND	618	685	111	56-147	
sec-Butylbenzene	ug/kg	ND	618	689	112	65-139	
Styrene	ug/kg	ND	618	710	115	70-132	
tert-Butylbenzene	ug/kg	ND	618	679	110	62-135	
Tetrachloroethene	ug/kg	ND	618	656	106	70-135	
Toluene	ug/kg	3.7J	618	696	112	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	618	699	113	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	618	657	106	62-130	
Trichloroethene	ug/kg	ND	618	656	106	70-135	
Trichlorofluoromethane	ug/kg	ND	618	241	39	10-130	
Vinyl acetate	ug/kg	ND	1240	1510	122	53-130	
Vinyl chloride	ug/kg	ND	618	725	117	61-148	
Xylene (Total)	ug/kg	ND	1860	2140	115	63-132	
1,2-Dichloroethane-d4 (S)	%				112	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				103	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221517

Parameter	Units	92531524001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	8.3J	6.8J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	98.3J	89.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221517

Parameter	Units	92531524001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	13.2J	14.3J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	17.4	16.0	8	30	
o-Xylene	ug/kg	8.3J	8.9J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	10.9J	9.4J		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	21.6J	ND		30	
1,2-Dichloroethane-d4 (S)	%	110	116			
4-Bromofluorobenzene (S)	%	111	115			
Toluene-d8 (S)	%	102	102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 611971
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221183 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/07/21 21:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/07/21 21:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/07/21 21:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/07/21 21:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/07/21 21:36	
Decachlorobiphenyl (S)	%	69	10-160		04/07/21 21:36	

LABORATORY CONTROL SAMPLE: 3221184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	134	79	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	132	78	47-139	
Decachlorobiphenyl (S)	%			68	10-160	

MATRIX SPIKE SAMPLE: 3221185

Parameter	Units	92531093001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	277	221	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	277	195	70	10-142	
Decachlorobiphenyl (S)	%				66	10-160	

SAMPLE DUPLICATE: 3221186

Parameter	Units	92531093002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	68	70			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 611973
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221187 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/08/21 06:31	
2-Fluorobiphenyl (S)	%	91	31-130		04/08/21 06:31	
Nitrobenzene-d5 (S)	%	102	32-130		04/08/21 06:31	
Terphenyl-d14 (S)	%	117	24-130		04/08/21 06:31	

LABORATORY CONTROL SAMPLE: 3221188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	23.9	71	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			123	32-130	
Terphenyl-d14 (S)	%			133	24-130	S0

MATRIX SPIKE SAMPLE: 3221189

Parameter	Units	92531524001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	5.9J	59.5	55.8	84	10-130	
2-Fluorobiphenyl (S)	%				74	31-130	
Nitrobenzene-d5 (S)	%				87	32-130	
Terphenyl-d14 (S)	%				101	24-130	

SAMPLE DUPLICATE: 3221190

Parameter	Units	92531524002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	15.2	11.6J		30	
2-Fluorobiphenyl (S)	%	40	44			
Nitrobenzene-d5 (S)	%	75	78			
Terphenyl-d14 (S)	%	63	73			

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612090
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221849 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	328	115	04/08/21 08:13	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	328	156	04/08/21 08:13	
2,4,5-Trichlorophenol	ug/kg	ND	328	150	04/08/21 08:13	
2,4,6-Trichlorophenol	ug/kg	ND	328	135	04/08/21 08:13	
2,4-Dichlorophenol	ug/kg	ND	328	128	04/08/21 08:13	
2,4-Dimethylphenol	ug/kg	ND	328	136	04/08/21 08:13	
2,4-Dinitrophenol	ug/kg	ND	1640	1010	04/08/21 08:13	
2,4-Dinitrotoluene	ug/kg	ND	328	126	04/08/21 08:13	
2,6-Dinitrotoluene	ug/kg	ND	328	120	04/08/21 08:13	
2-Chloronaphthalene	ug/kg	ND	328	130	04/08/21 08:13	
2-Chlorophenol	ug/kg	ND	328	123	04/08/21 08:13	
2-Methylnaphthalene	ug/kg	ND	328	131	04/08/21 08:13	
2-Methylphenol(o-Cresol)	ug/kg	ND	328	134	04/08/21 08:13	
2-Nitroaniline	ug/kg	ND	1640	268	04/08/21 08:13	
2-Nitrophenol	ug/kg	ND	328	142	04/08/21 08:13	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	328	132	04/08/21 08:13	
3,3'-Dichlorobenzidine	ug/kg	ND	656	222	04/08/21 08:13	IL
3-Nitroaniline	ug/kg	ND	1640	257	04/08/21 08:13	
4,6-Dinitro-2-methylphenol	ug/kg	ND	656	306	04/08/21 08:13	
4-Bromophenylphenyl ether	ug/kg	ND	328	126	04/08/21 08:13	
4-Chloro-3-methylphenol	ug/kg	ND	656	230	04/08/21 08:13	
4-Chloroaniline	ug/kg	ND	656	257	04/08/21 08:13	
4-Chlorophenylphenyl ether	ug/kg	ND	328	122	04/08/21 08:13	
4-Nitroaniline	ug/kg	ND	656	249	04/08/21 08:13	
4-Nitrophenol	ug/kg	ND	1640	634	04/08/21 08:13	
Acenaphthene	ug/kg	ND	328	115	04/08/21 08:13	
Acenaphthylene	ug/kg	ND	328	115	04/08/21 08:13	
Aniline	ug/kg	ND	328	128	04/08/21 08:13	
Anthracene	ug/kg	ND	328	107	04/08/21 08:13	
Benzo(a)anthracene	ug/kg	ND	328	109	04/08/21 08:13	
Benzo(b)fluoranthene	ug/kg	ND	328	109	04/08/21 08:13	
Benzo(g,h,i)perylene	ug/kg	ND	328	127	04/08/21 08:13	
Benzo(k)fluoranthene	ug/kg	ND	328	115	04/08/21 08:13	
Benzoic Acid	ug/kg	ND	1640	704	04/08/21 08:13	
Benzyl alcohol	ug/kg	ND	656	248	04/08/21 08:13	
bis(2-Chloroethoxy)methane	ug/kg	ND	328	136	04/08/21 08:13	
bis(2-Chloroethyl) ether	ug/kg	ND	328	123	04/08/21 08:13	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	328	127	04/08/21 08:13	
Butylbenzylphthalate	ug/kg	ND	328	138	04/08/21 08:13	
Chrysene	ug/kg	ND	328	119	04/08/21 08:13	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

METHOD BLANK: 3221849 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	328	110	04/08/21 08:13	
Di-n-octylphthalate	ug/kg	ND	328	129	04/08/21 08:13	
Dibenz(a,h)anthracene	ug/kg	ND	328	126	04/08/21 08:13	
Dibenzofuran	ug/kg	ND	328	118	04/08/21 08:13	
Diethylphthalate	ug/kg	ND	328	120	04/08/21 08:13	
Dimethylphthalate	ug/kg	ND	328	119	04/08/21 08:13	
Fluoranthene	ug/kg	ND	328	112	04/08/21 08:13	
Fluorene	ug/kg	ND	328	115	04/08/21 08:13	
Hexachlorobenzene	ug/kg	ND	328	128	04/08/21 08:13	
Hexachlorocyclopentadiene	ug/kg	ND	328	188	04/08/21 08:13	
Hexachloroethane	ug/kg	ND	328	125	04/08/21 08:13	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	328	129	04/08/21 08:13	
Isophorone	ug/kg	ND	328	146	04/08/21 08:13	
N-Nitroso-di-n-propylamine	ug/kg	ND	328	123	04/08/21 08:13	
N-Nitrosodimethylamine	ug/kg	ND	328	110	04/08/21 08:13	
N-Nitrosodiphenylamine	ug/kg	ND	328	116	04/08/21 08:13	
Nitrobenzene	ug/kg	ND	328	152	04/08/21 08:13	
Pentachlorophenol	ug/kg	ND	656	321	04/08/21 08:13	
Phenanthrene	ug/kg	ND	328	107	04/08/21 08:13	
Phenol	ug/kg	ND	328	146	04/08/21 08:13	
Pyrene	ug/kg	ND	328	133	04/08/21 08:13	
Pyridine	ug/kg	ND	328	103	04/08/21 08:13	
2,4,6-Tribromophenol (S)	%	82	18-130		04/08/21 08:13	
2-Fluorobiphenyl (S)	%	69	19-130		04/08/21 08:13	
2-Fluorophenol (S)	%	64	18-130		04/08/21 08:13	
Nitrobenzene-d5 (S)	%	73	21-130		04/08/21 08:13	
Phenol-d6 (S)	%	68	18-130		04/08/21 08:13	
Terphenyl-d14 (S)	%	70	15-130		04/08/21 08:13	

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1660	1310	79	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1660	1180	71	38-130	
2,4,5-Trichlorophenol	ug/kg	1660	1400	84	49-130	
2,4,6-Trichlorophenol	ug/kg	1660	1330	80	50-130	
2,4-Dichlorophenol	ug/kg	1660	1370	82	51-130	
2,4-Dimethylphenol	ug/kg	1660	1400	84	53-130	
2,4-Dinitrophenol	ug/kg	8310	5640	68	39-130	
2,4-Dinitrotoluene	ug/kg	1660	1380	83	53-130	
2,6-Dinitrotoluene	ug/kg	1660	1370	82	55-130	
2-Chloronaphthalene	ug/kg	1660	1350	81	48-130	
2-Chlorophenol	ug/kg	1660	1220	74	54-130	
2-Methylnaphthalene	ug/kg	1660	1270	77	57-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1660	1260	76	50-130	
2-Nitroaniline	ug/kg	3320	2630	79	49-130	
2-Nitrophenol	ug/kg	1660	1330	80	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1660	1280	77	50-130	
3,3'-Dichlorobenzidine	ug/kg	3320	2480	75	47-130	IL
3-Nitroaniline	ug/kg	3320	2290	69	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3320	2530	76	50-142	
4-Bromophenylphenyl ether	ug/kg	1660	1450	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3320	2780	84	52-130	
4-Chloroaniline	ug/kg	3320	2490	75	49-130	
4-Chlorophenylphenyl ether	ug/kg	1660	1430	86	53-130	
4-Nitroaniline	ug/kg	3320	2470	74	51-130	
4-Nitrophenol	ug/kg	8310	6790	82	40-130	
Acenaphthene	ug/kg	1660	1380	83	56-130	
Acenaphthylene	ug/kg	1660	1360	82	58-130	
Aniline	ug/kg	1660	1090	66	44-130	
Anthracene	ug/kg	1660	1390	84	60-130	
Benzo(a)anthracene	ug/kg	1660	1450	87	59-130	
Benzo(b)fluoranthene	ug/kg	1660	1460	88	54-130	
Benzo(g,h,i)perylene	ug/kg	1660	1420	85	59-130	
Benzo(k)fluoranthene	ug/kg	1660	1500	90	54-130	
Benzoic Acid	ug/kg	8310	4880	59	19-130	
Benzyl alcohol	ug/kg	3320	2540	76	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1660	1350	81	55-130	
bis(2-Chloroethyl) ether	ug/kg	1660	1350	81	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1660	1300	79	58-130	
Butylbenzylphthalate	ug/kg	1660	1310	79	46-138	
Chrysene	ug/kg	1660	1420	86	57-130	
Di-n-butylphthalate	ug/kg	1660	1350	81	57-130	
Di-n-octylphthalate	ug/kg	1660	1340	80	57-130	
Dibenz(a,h)anthracene	ug/kg	1660	1420	85	60-130	
Dibenzofuran	ug/kg	1660	1410	85	54-130	
Diethylphthalate	ug/kg	1660	1360	82	55-130	
Dimethylphthalate	ug/kg	1660	1350	81	57-130	
Fluoranthene	ug/kg	1660	1440	87	57-130	
Fluorene	ug/kg	1660	1410	85	56-130	
Hexachlorobenzene	ug/kg	1660	1410	85	53-130	
Hexachlorocyclopentadiene	ug/kg	1660	1080	65	23-130	
Hexachloroethane	ug/kg	1660	1260	76	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1660	1450	87	61-130	
Isophorone	ug/kg	1660	1210	73	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1660	1310	79	52-130	
N-Nitrosodimethylamine	ug/kg	1660	1260	76	45-130	
N-Nitrosodiphenylamine	ug/kg	1660	1350	81	56-130	
Nitrobenzene	ug/kg	1660	1330	80	50-130	
Pentachlorophenol	ug/kg	3320	2690	81	33-130	
Phenanthrene	ug/kg	1660	1430	86	60-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1660	1400	84	54-130	
Pyrene	ug/kg	1660	1400	84	61-130	
Pyridine	ug/kg	1660	842	51	35-130	
2,4,6-Tribromophenol (S)	%			81	18-130	
2-Fluorobiphenyl (S)	%			71	19-130	
2-Fluorophenol (S)	%			71	18-130	
Nitrobenzene-d5 (S)	%			73	21-130	
Phenol-d6 (S)	%			71	18-130	
Terphenyl-d14 (S)	%			63	15-130	

MATRIX SPIKE SAMPLE: 3221851

Parameter	Units	92531024002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1940	1570	66	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1940	1160	60	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1940	1480	76	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1940	1440	74	23-130	
2,4-Dichlorophenol	ug/kg	ND	1940	1390	72	29-130	
2,4-Dimethylphenol	ug/kg	ND	1940	1090	56	13-130	
2,4-Dinitrophenol	ug/kg	ND	9720	4050	42	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1940	1500	77	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1940	1480	76	36-130	
2-Chloronaphthalene	ug/kg	ND	1940	1450	75	27-130	
2-Chlorophenol	ug/kg	ND	1940	1220	63	29-130	
2-Methylnaphthalene	ug/kg	419	1940	1530	57	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1940	1120	58	20-130	
2-Nitroaniline	ug/kg	ND	3890	2780	72	29-130	
2-Nitrophenol	ug/kg	ND	1940	1340	69	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1940	1200	62	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3890	2070	53	15-130	IL
3-Nitroaniline	ug/kg	ND	3890	2590	67	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3890	2130	55	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1940	1500	77	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3890	2930	75	30-130	
4-Chloroaniline	ug/kg	ND	3890	2480	64	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1940	1550	80	32-130	
4-Nitroaniline	ug/kg	ND	3890	2680	69	30-130	
4-Nitrophenol	ug/kg	ND	9720	7800	80	17-130	
Acenaphthene	ug/kg	ND	1940	1510	78	29-130	
Acenaphthylene	ug/kg	ND	1940	1490	77	31-130	
Aniline	ug/kg	ND	1940	947	49	10-130	
Anthracene	ug/kg	ND	1940	1580	81	33-130	
Benzo(a)anthracene	ug/kg	ND	1940	1560	80	32-130	
Benzo(b)fluoranthene	ug/kg	ND	1940	1570	81	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1940	1420	71	28-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

MATRIX SPIKE SAMPLE: 3221851

Parameter	Units	92531024002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	1940	1530	79	31-130	
Benzoic Acid	ug/kg	ND	9720	2930	30	10-130	
Benzyl alcohol	ug/kg	ND	3890	2690	69	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1940	1310	67	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1940	1280	66	68-130	M1
bis(2-Ethylhexyl)phthalate	ug/kg	438	1940	1860	73	40-130	
Butylbenzylphthalate	ug/kg	ND	1940	1490	76	40-130	
Chrysene	ug/kg	ND	1940	1570	79	30-130	
Di-n-butylphthalate	ug/kg	ND	1940	1350	69	41-130	
Di-n-octylphthalate	ug/kg	ND	1940	1580	81	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1940	1490	77	27-130	
Dibenzofuran	ug/kg	ND	1940	1580	81	32-130	
Diethylphthalate	ug/kg	ND	1940	1460	75	40-130	
Dimethylphthalate	ug/kg	ND	1940	1430	74	37-130	
Fluoranthene	ug/kg	ND	1940	1450	72	26-130	
Fluorene	ug/kg	ND	1940	1560	80	31-130	
Hexachlorobenzene	ug/kg	ND	1940	1540	79	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1940	1000	51	10-130	
Hexachloroethane	ug/kg	ND	1940	1320	68	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1940	1460	75	28-130	
Isophorone	ug/kg	ND	1940	1270	65	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1940	1370	70	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1940	1090	56	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1940	1540	79	32-130	
Nitrobenzene	ug/kg	ND	1940	1400	72	25-130	
Pentachlorophenol	ug/kg	ND	3890	2910	75	10-130	
Phenanthrene	ug/kg	ND	1940	1580	78	34-130	
Phenol	ug/kg	ND	1940	1290	67	14-130	
Pyrene	ug/kg	ND	1940	1660	82	31-130	
Pyridine	ug/kg	ND	1940	754	39	10-130	
2,4,6-Tribromophenol (S)	%				77	18-130	
2-Fluorobiphenyl (S)	%				65	19-130	
2-Fluorophenol (S)	%				53	18-130	
Nitrobenzene-d5 (S)	%				65	21-130	
Phenol-d6 (S)	%				57	18-130	
Terphenyl-d14 (S)	%				59	15-130	

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	73	83			
2-Fluorobiphenyl (S)	%	63	68			
2-Fluorophenol (S)	%	61	58			
Nitrobenzene-d5 (S)	%	65	67			
Phenol-d6 (S)	%	63	65			
Terphenyl-d14 (S)	%	53	66			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612114
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

SAMPLE DUPLICATE: 3221994

Parameter	Units	92531516001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	17.6	2	25	N2

SAMPLE DUPLICATE: 3221995

Parameter	Units	92531627005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.2	7.4	21	25	N2

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
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.
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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531524001	**SW-18**	EPA 3546	611971	EPA 8082A	612281
92531524002	**SW-19**	EPA 3546	611971	EPA 8082A	612281
92531524003	**SW-20**	EPA 3546	611971	EPA 8082A	612281
92531524004	**SW-21**	EPA 3546	611971	EPA 8082A	612281
92531524001	**SW-18**	EPA 3546	611973	EPA 8270E	612273
92531524002	**SW-19**	EPA 3546	611973	EPA 8270E	612273
92531524003	**SW-20**	EPA 3546	611973	EPA 8270E	612273
92531524004	**SW-21**	EPA 3546	611973	EPA 8270E	612273
92531524001	**SW-18**	EPA 3546	612090	EPA 8270E	612299
92531524002	**SW-19**	EPA 3546	612090	EPA 8270E	612299
92531524003	**SW-20**	EPA 3546	612090	EPA 8270E	612299
92531524004	**SW-21**	EPA 3546	612090	EPA 8270E	612299
92531524001	**SW-18**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524002	**SW-19**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524003	**SW-20**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524004	**SW-21**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524001	**SW-18**	SW-846	612114		
92531524002	**SW-19**	SW-846	612114		
92531524003	**SW-20**	SW-846	612114		
92531524004	**SW-21**	SW-846	612114		

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

Laboratory receiving samples:
Asheville [X] Eden [ ] Greenwood [ ] Huntersville [ ] Raleigh [ ] Mechanicsville [ ] Atlanta [ ] Kernersville [ ]

Sample Condition Upon Receipt

Client Name: Synterra

Project #:

WO# : 92531524

92531524

Courier: [ ] Commercial [X] Pace [ ] Fed Ex [ ] UPS [ ] USPS [ ] Other: [ ] Client

Custody Seal Present? [ ] Yes [X] No **Seals Intact?** [ ] Yes [X] No

Date/Initials Person Examining Contents: 4-6-21 AR

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other

Biological Tissue Frozen? [ ] Yes [ ] No [X] N/A

Thermometer: [X] IR Gun ID: 93-T071 **Type of Ice:** [X] Wet [ ] Blue [ ] None

Cooler Temp: 4.2 **Correction Factor:** Add/Subtract (°C) 0

Cooler Temp Corrected (°C): 4.2

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

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? [ ] Yes [ ] No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

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

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

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

Project # WO#: 92531524

PM: KLH1 Due Date: 04/13/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical
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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

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

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

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): 8260	8270 & 8270 LV	8082 PCB's	Residual Chlorine (Y/N)
1	SW-18_SE_20210405	SL	C			04/05/21	1035		3	2						1			1	1	1	
2	SW-19_SE_20210405	"	"			"	1110		"	"						"			"	"	"	
3	SW-20_SE_20210405	"	"			"	1245		"	"						"			"	"	"	
4	SW-21_SE_20800405	SL	C (FIELD)			04/05/21	1200		3	2						1			1	1	1	
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	SYN	04/05/21	1430	SYNTERRA COLD STORAGE	04/05/21	1430	
STANDARD TURN	Synterra Cold Storage	4/6/21	0830	[illegible] / Syn	4/6/21	0830	
	Syn	4-6-21	1210	[illegible] / Pace	4-6-21	1210	
	Pace	4-6-21	1415	Airbucker / PACE / AVL	4-6-21	1415	4.2 Y N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: LEE DRAGO

SIGNATURE of SAMPLER: [signature] DATE Signed: 04/05/21

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

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

April 13, 2021

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

RE: Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Dear Program Manager:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

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

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531521001	**SW-18**	Water	04/05/21 10:30	04/06/21 12:10
92531521002	**SW-19**	Water	04/05/21 11:00	04/06/21 12:10
92531521003	**SW-20**	Water	04/05/21 12:30	04/06/21 12:10
92531521004	**SW-21**	Water	04/05/21 11:50	04/06/21 12:10
92531521005	**TRIP BLANK**	Water	04/06/21 00:00	04/06/21 12:10

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531521001	**SW-18**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521002	**SW-19**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521003	**SW-20**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521004	**SW-21**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521005	**TRIP BLANK**	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 13, 2021

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

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

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

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

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

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

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

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: 612586

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: 3224640)
  - Indeno(1,2,3-cd)pyrene
  - 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
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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 13, 2021

General Information:
4 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: 612981

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3226437)
  - 2-Fluorobiphenyl (S)

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

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

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

General Information:
5 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: 611991

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: 3221356)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3221357)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3221358)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MSD (Lab ID: 3221359)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- SW-18 (Lab ID: 92531521001)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- SW-19 (Lab ID: 92531521002)
  - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

QC Batch: 611991

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

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene

- SW-20 (Lab ID: 92531521003)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- SW-21 (Lab ID: 92531521004)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531521005)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene

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

QC Batch: 611991

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: 3221356)
  - Methylene Chloride
- SW-18 (Lab ID: 92531521001)
  - Methylene Chloride
- SW-19 (Lab ID: 92531521002)
  - Methylene Chloride
- SW-20 (Lab ID: 92531521003)
  - Methylene Chloride
- SW-21 (Lab ID: 92531521004)
  - Methylene Chloride
- TRIP BLANK (Lab ID: 92531521005)
  - Methylene Chloride

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

- LCS (Lab ID: 3221357)

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(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

QC Batch: 611991

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

- Methylene Chloride
- MS (Lab ID: 3221358)
  - Methylene Chloride
- MSD (Lab ID: 3221359)
  - Methylene Chloride

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: 611991

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531196002

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

- MS (Lab ID: 3221358)
  - Toluene
- MSD (Lab ID: 3221359)
  - Toluene

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: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 15:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 15:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 15:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 15:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 15:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 15:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 15:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 15:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 15:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 15:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 15:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 15:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 15:26	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	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: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 15:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 15:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 15:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	04/09/21 07:03	04/09/21 15:26	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/09/21 07:03	04/09/21 15:26	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/09/21 07:03	04/09/21 15:26	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	04/09/21 07:03	04/09/21 15:26	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	04/09/21 07:03	04/09/21 15:26	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	04/09/21 07:03	04/09/21 15:26	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 14:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	67-170		1	04/12/21 10:54	04/12/21 14:43	4165-60-0	
2-Fluorobiphenyl (S)	116	%	61-163		1	04/12/21 10:54	04/12/21 14:43	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	04/12/21 10:54	04/12/21 14:43	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		04/07/21 16:55	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 16:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 16:55	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 16:55	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 16:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 16:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 16:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 16:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 16:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 16:55	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 16:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 16:55	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 16:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 16:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 16:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 16:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 16:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 16:55	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 16:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 16:55	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 16:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 16:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 16:55	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 16:55	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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		04/07/21 16:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 16:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/07/21 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		04/07/21 16:55	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		04/07/21 16:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 15:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 15:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 15:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 15:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 15:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 15:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 15:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 15:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 15:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 15:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 15:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 15:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 15:52	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 15:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 15:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 15:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	04/09/21 07:03	04/09/21 15:52	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/09/21 07:03	04/09/21 15:52	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	04/09/21 07:03	04/09/21 15:52	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	04/09/21 07:03	04/09/21 15:52	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	04/09/21 07:03	04/09/21 15:52	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-144		1	04/09/21 07:03	04/09/21 15:52	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 15:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	04/12/21 10:54	04/12/21 15:06	4165-60-0	
2-Fluorobiphenyl (S)	134	%	61-163		1	04/12/21 10:54	04/12/21 15:06	321-60-8	
Terphenyl-d14 (S)	109	%	62-169		1	04/12/21 10:54	04/12/21 15:06	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		04/07/21 17:12	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:12	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:12	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:12	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: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 17:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:12	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:12	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:12	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:12	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:12	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:12	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:12	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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		04/07/21 17:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/07/21 17:12	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 17:12	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		04/07/21 17:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 16:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 16:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 16:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 16:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 16:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 16:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 16:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 16:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 16:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 16:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 16:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 16:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 16:17	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:17	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 16:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 16:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 16:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	04/09/21 07:03	04/09/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	04/09/21 07:03	04/09/21 16:17	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/09/21 07:03	04/09/21 16:17	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	04/09/21 07:03	04/09/21 16:17	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	04/09/21 07:03	04/09/21 16:17	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-144		1	04/09/21 07:03	04/09/21 16:17	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 15:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	67-170		1	04/12/21 10:54	04/12/21 15:27	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	04/12/21 10:54	04/12/21 15:27	321-60-8	
Terphenyl-d14 (S)	109	%	62-169		1	04/12/21 10:54	04/12/21 15:27	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		04/07/21 17:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:30	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:30	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:30	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 17:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:30	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:30	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:30	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:30	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:30	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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		04/07/21 17:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/07/21 17:30	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		04/07/21 17:30	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		04/07/21 17:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 16:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 16:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 16:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 16:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 16:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 16:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 16:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 16:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 16:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 16:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 16:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 16:43	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 16:43	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	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: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 16:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 16:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 16:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:43	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-144		1	04/09/21 07:03	04/09/21 16:43	4165-60-0	
2-Fluorobiphenyl (S)	68	%	10-130		1	04/09/21 07:03	04/09/21 16:43	321-60-8	
Terphenyl-d14 (S)	74	%	34-163		1	04/09/21 07:03	04/09/21 16:43	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	04/09/21 07:03	04/09/21 16:43	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	04/09/21 07:03	04/09/21 16:43	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	04/09/21 07:03	04/09/21 16:43	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	04/12/21 10:54	04/12/21 16:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	04/12/21 10:54	04/12/21 16:35	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	04/12/21 10:54	04/12/21 16:35	321-60-8	
Terphenyl-d14 (S)	84	%	62-169		1	04/12/21 10:54	04/12/21 16:35	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		04/07/21 17:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:47	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:47	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:47	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 17:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:47	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:47	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:47	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:47	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:47	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: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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		04/07/21 17:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/07/21 17:47	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 17:47	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/07/21 17:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: TRIP BLANK **Lab ID: 92531521005** Collected: 04/06/21 00:00 Received: 04/06/21 12:10 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		04/07/21 11:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 11:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 11:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 11:57	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 11:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 11:57	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 11:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 11:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 11:57	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 11:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 11:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 11:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 11:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 11:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 11:57	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 11:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 11:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 11:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 11:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 11:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 11:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 11:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 11:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 11:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 11:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 11:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 11:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 11:57	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 11:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 11:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 11:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 11:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 11:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 11:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 11:57	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 11:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 11:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 11:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 11:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 11:57	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: TRIP BLANK **Lab ID: 92531521005** Collected: 04/06/21 00:00 Received: 04/06/21 12:10 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		04/07/21 11:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 11:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 11:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 11:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 11:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 11:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 11:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 11:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 11:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 11:57	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 11:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 11:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 11:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/07/21 11:57	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 11:57	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/07/21 11:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 611991
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

METHOD BLANK: 3221356 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/07/21 11:40	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/07/21 11:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/07/21 11:40	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/07/21 11:40	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/07/21 11:40	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/07/21 11:40	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/07/21 11:40	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/07/21 11:40	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/07/21 11:40	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/07/21 11:40	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/07/21 11:40	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/07/21 11:40	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/07/21 11:40	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/07/21 11:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/07/21 11:40	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/07/21 11:40	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/07/21 11:40	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/07/21 11:40	
2-Hexanone	ug/L	ND	5.0	0.48	04/07/21 11:40	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/07/21 11:40	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/07/21 11:40	
Acetone	ug/L	ND	25.0	5.1	04/07/21 11:40	
Benzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
Bromobenzene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Bromochloromethane	ug/L	ND	1.0	0.47	04/07/21 11:40	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/07/21 11:40	
Bromoform	ug/L	ND	1.0	0.34	04/07/21 11:40	IK
Bromomethane	ug/L	ND	2.0	1.7	04/07/21 11:40	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/07/21 11:40	
Chlorobenzene	ug/L	ND	1.0	0.28	04/07/21 11:40	
Chloroethane	ug/L	ND	1.0	0.65	04/07/21 11:40	
Chloroform	ug/L	ND	5.0	1.6	04/07/21 11:40	
Chloromethane	ug/L	ND	1.0	0.54	04/07/21 11:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/07/21 11:40	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/07/21 11:40	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/07/21 11:40	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/07/21 11:40	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/07/21 11:40	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

METHOD BLANK: 3221356 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/07/21 11:40	
Ethylbenzene	ug/L	ND	1.0	0.30	04/07/21 11:40	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/07/21 11:40	
m&p-Xylene	ug/L	ND	2.0	0.71	04/07/21 11:40	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/07/21 11:40	
Methylene Chloride	ug/L	ND	5.0	2.0	04/07/21 11:40	v2
Naphthalene	ug/L	ND	1.0	0.64	04/07/21 11:40	
o-Xylene	ug/L	ND	1.0	0.34	04/07/21 11:40	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/07/21 11:40	
Styrene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Toluene	ug/L	ND	1.0	0.48	04/07/21 11:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/07/21 11:40	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/07/21 11:40	
Trichloroethene	ug/L	ND	1.0	0.38	04/07/21 11:40	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/07/21 11:40	
Vinyl acetate	ug/L	ND	2.0	1.3	04/07/21 11:40	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/07/21 11:40	
Xylene (Total)	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,2-Dichloroethane-d4 (S)	%	90	70-130		04/07/21 11:40	
4-Bromofluorobenzene (S)	%	99	70-130		04/07/21 11:40	
Toluene-d8 (S)	%	113	70-130		04/07/21 11:40	

LABORATORY CONTROL SAMPLE: 3221357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.3	89	70-130	
1,1,1-Trichloroethane	ug/L	50	59.0	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.1	92	70-130	
1,1,2-Trichloroethane	ug/L	50	44.3	89	70-130	
1,1-Dichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethene	ug/L	50	51.8	104	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.6	111	70-130	
1,2,3-Trichloropropane	ug/L	50	47.4	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	56.2	112	70-130	
1,3-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,3-Dichloropropane	ug/L	50	45.3	91	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
2,2-Dichloropropane	ug/L	50	60.2	120	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3221357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	IK
2-Chlorotoluene	ug/L	50	51.6	103	70-130	
2-Hexanone	ug/L	100	89.9	90	70-130	
4-Chlorotoluene	ug/L	50	49.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	87.4	87	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	56.2	112	70-130	
Bromobenzene	ug/L	50	51.7	103	70-130	
Bromochloromethane	ug/L	50	59.3	119	70-130	
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	44.5	89	70-130	IK
Bromomethane	ug/L	50	54.6	109	70-130	
Carbon tetrachloride	ug/L	50	58.4	117	70-130	
Chlorobenzene	ug/L	50	50.8	102	70-130	
Chloroethane	ug/L	50	50.3	101	70-130	
Chloroform	ug/L	50	56.7	113	70-130	
Chloromethane	ug/L	50	48.3	97	70-130	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	IK
Dibromochloromethane	ug/L	50	47.5	95	70-130	IK
Dibromomethane	ug/L	50	50.3	101	70-130	
Dichlorodifluoromethane	ug/L	50	52.3	105	70-130	
Diisopropyl ether	ug/L	50	52.3	105	70-130	
Ethylbenzene	ug/L	50	50.5	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	43.1	86	70-130	v3
Naphthalene	ug/L	50	51.4	103	70-130	
o-Xylene	ug/L	50	51.5	103	70-130	
p-Isopropyltoluene	ug/L	50	53.9	108	70-130	
Styrene	ug/L	50	50.6	101	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	49.8	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.7	87	70-130	
Trichloroethene	ug/L	50	59.7	119	70-130	
Trichlorofluoromethane	ug/L	50	49.5	99	70-130	
Vinyl acetate	ug/L	100	108	108	70-130	IK
Vinyl chloride	ug/L	50	49.3	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221358 3221359

Parameter	Units	92531196002 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	2500	2500	2110	2380	85	95	73-134	12	30	
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2870	3220	115	129	82-143	12	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2120	2540	85	102	70-136	18	30	
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2320	2510	93	100	70-135	8	30	
1,1-Dichloroethane	ug/L	ND	2500	2500	2620	2930	105	117	70-139	11	30	
1,1-Dichloroethene	ug/L	ND	2500	2500	2400	2690	96	108	70-154	11	30	
1,1-Dichloropropene	ug/L	ND	2500	2500	2270	2670	91	107	70-149	16	30	
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	2470	2670	99	107	70-135	8	30	
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2230	2490	89	100	71-137	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2260	2680	90	107	73-140	17	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2310	2680	92	107	65-134	15	30	
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2350	2710	94	108	70-133	14	30	
1,2-Dichloroethane	ug/L	ND	2500	2500	2610	2820	104	113	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	2500	2500	2600	2740	104	110	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2340	2690	94	107	70-135	14	30	
1,3-Dichloropropane	ug/L	ND	2500	2500	2010	2290	80	92	70-143	13	30	
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2420	2640	97	106	70-133	9	30	
2,2-Dichloropropane	ug/L	ND	2500	2500	2580	2900	103	116	61-148	12	30	
2-Butanone (MEK)	ug/L	ND	5000	5000	4700	5180	94	104	60-139	10	30	IK
2-Chlorotoluene	ug/L	ND	2500	2500	2160	2460	86	98	70-144	13	30	
2-Hexanone	ug/L	ND	5000	5000	3980	4610	80	92	65-138	15	30	
4-Chlorotoluene	ug/L	ND	2500	2500	2330	2590	93	104	70-137	10	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	5000	4020	4490	80	90	65-135	11	30	
Acetone	ug/L	ND	5000	5000	4630	5120	93	102	60-148	10	30	
Benzene	ug/L	3070	2500	2500	6070	6360	120	132	70-151	5	30	
Bromobenzene	ug/L	ND	2500	2500	2520	2660	101	106	70-136	5	30	
Bromochloromethane	ug/L	ND	2500	2500	2720	2960	109	118	70-141	8	30	
Bromodichloromethane	ug/L	ND	2500	2500	2520	2760	101	110	70-138	9	30	
Bromoform	ug/L	ND	2500	2500	1940	2180	78	87	63-130	11	30	IK
Bromomethane	ug/L	ND	2500	2500	2180	2520	87	101	15-152	15	30	
Carbon tetrachloride	ug/L	ND	2500	2500	2720	3010	109	120	70-143	10	30	
Chlorobenzene	ug/L	ND	2500	2500	2460	2750	99	110	70-138	11	30	
Chloroethane	ug/L	ND	2500	2500	2700	3030	108	121	52-163	11	30	
Chloroform	ug/L	ND	2500	2500	2700	2970	104	114	70-139	10	30	
Chloromethane	ug/L	ND	2500	2500	1900	2120	76	85	41-139	11	30	
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2540	2830	101	113	70-141	11	30	
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2150	2450	86	98	70-137	13	30	IK
Dibromochloromethane	ug/L	ND	2500	2500	2010	2360	80	94	70-134	16	30	IK
Dibromomethane	ug/L	ND	2500	2500	2240	2760	89	110	70-138	21	30	
Dichlorodifluoromethane	ug/L	ND	2500	2500	1810	2060	72	82	47-155	13	30	
Diisopropyl ether	ug/L	ND	2500	2500	2360	2570	94	103	63-144	9	30	
Ethylbenzene	ug/L	1500	2500	2500	4000	4340	100	114	66-153	8	30	
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2370	2610	95	104	65-149	9	30	
m&p-Xylene	ug/L	7990	5000	5000	12900	13600	98	112	69-152	5	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221358 3221359

Parameter	Units	92531196002 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	2500	2500	2210	2530	88	101	54-156	14	30	
Methylene Chloride	ug/L	ND	2500	2500	2130	2330	85	93	42-159	9	30	v3
Naphthalene	ug/L	832	2500	2500	2990	3380	86	102	61-148	12	30	
o-Xylene	ug/L	4240	2500	2500	6650	7040	97	112	70-148	6	30	
p-Isopropyltoluene	ug/L	ND	2500	2500	2320	2740	93	109	70-146	16	30	
Styrene	ug/L	ND	2500	2500	2450	2890	98	115	70-135	16	30	
Tetrachloroethene	ug/L	ND	2500	2500	2630	2740	105	109	59-143	4	30	
Toluene	ug/L	18400	2500	2500	19000	19500	24	44	59-148	3	30	M1
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2440	3000	98	120	70-146	20	30	
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2260	2390	90	96	70-135	6	30	
Trichloroethene	ug/L	ND	2500	2500	2760	3060	110	122	70-147	10	30	
Trichlorofluoromethane	ug/L	ND	2500	2500	2350	2700	94	108	70-148	14	30	
Vinyl acetate	ug/L	ND	5000	5000	4950	5410	99	108	49-151	9	30	IK
Vinyl chloride	ug/L	ND	2500	2500	2410	2560	97	102	70-156	6	30	
Xylene (Total)	ug/L	12200	7500	7500	19500	20600	98	112	63-158	6	30	
1,2-Dichloroethane-d4 (S)	%						106	102	70-130			
4-Bromofluorobenzene (S)	%						94	95	70-130			
Toluene-d8 (S)	%						98	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 612586 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

METHOD BLANK: 3224639 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/08/21 11:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/08/21 11:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/08/21 11:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/08/21 11:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/08/21 11:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/08/21 11:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/08/21 11:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/08/21 11:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/08/21 11:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/08/21 11:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/08/21 11:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/08/21 11:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/08/21 11:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/08/21 11:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/08/21 11:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/08/21 11:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/08/21 11:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/08/21 11:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/08/21 11:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/08/21 11:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/08/21 11:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/08/21 11:56	
Acenaphthene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Acenaphthylene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Aniline	ug/L	ND	10.0	1.6	04/08/21 11:56	
Anthracene	ug/L	ND	10.0	2.3	04/08/21 11:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/08/21 11:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/08/21 11:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/08/21 11:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/08/21 11:56	
Benzoic Acid	ug/L	ND	50.0	3.4	04/08/21 11:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/08/21 11:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/08/21 11:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/08/21 11:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/08/21 11:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/08/21 11:56	
Chrysene	ug/L	ND	10.0	2.8	04/08/21 11:56	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

METHOD BLANK: 3224639 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/08/21 11:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/08/21 11:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/08/21 11:56	
Dibenzofuran	ug/L	ND	10.0	2.1	04/08/21 11:56	
Diethylphthalate	ug/L	ND	10.0	2.0	04/08/21 11:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/08/21 11:56	
Fluoranthene	ug/L	ND	10.0	2.2	04/08/21 11:56	
Fluorene	ug/L	ND	10.0	2.1	04/08/21 11:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/08/21 11:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/08/21 11:56	
Hexachloroethane	ug/L	ND	10.0	1.4	04/08/21 11:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/08/21 11:56	
Isophorone	ug/L	ND	10.0	1.7	04/08/21 11:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/08/21 11:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/08/21 11:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/08/21 11:56	
Nitrobenzene	ug/L	ND	10.0	1.9	04/08/21 11:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/08/21 11:56	
Phenanthrene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Phenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
Pyrene	ug/L	ND	10.0	2.2	04/08/21 11:56	
2,4,6-Tribromophenol (S)	%	78	10-144		04/08/21 11:56	
2-Fluorobiphenyl (S)	%	74	10-130		04/08/21 11:56	
2-Fluorophenol (S)	%	57	10-130		04/08/21 11:56	
Nitrobenzene-d5 (S)	%	84	10-144		04/08/21 11:56	
Phenol-d6 (S)	%	47	10-130		04/08/21 11:56	
Terphenyl-d14 (S)	%	98	34-163		04/08/21 11:56	

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	33.2	66	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	35.4	71	28-130	
2,4,5-Trichlorophenol	ug/L	50	41.0	82	35-130	
2,4,6-Trichlorophenol	ug/L	50	38.7	77	31-130	
2,4-Dichlorophenol	ug/L	50	38.0	76	35-130	
2,4-Dimethylphenol	ug/L	50	38.9	78	34-130	
2,4-Dinitrophenol	ug/L	250	270	108	10-153	
2,4-Dinitrotoluene	ug/L	50	57.1	114	37-136	
2,6-Dinitrotoluene	ug/L	50	48.7	97	33-136	
2-Chloronaphthalene	ug/L	50	33.0	66	26-130	
2-Chlorophenol	ug/L	50	35.8	72	37-130	
2-Methylnaphthalene	ug/L	50	33.3	67	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	34.2	68	35-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	90.0	90	37-130	
2-Nitrophenol	ug/L	50	39.7	79	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.7	63	34-130	
3,3'-Dichlorobenzidine	ug/L	100	125	125	34-136	
3-Nitroaniline	ug/L	100	101	101	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	128	128	21-157	
4-Bromophenylphenyl ether	ug/L	50	55.0	110	38-130	
4-Chloro-3-methylphenol	ug/L	100	76.3	76	37-130	
4-Chloroaniline	ug/L	100	67.8	68	38-130	
4-Chlorophenylphenyl ether	ug/L	50	40.4	81	33-130	
4-Nitroaniline	ug/L	100	118	118	42-137	
4-Nitrophenol	ug/L	250	176	71	10-130	
Acenaphthene	ug/L	50	37.2	74	33-130	
Acenaphthylene	ug/L	50	38.0	76	35-130	
Aniline	ug/L	50	30.1	60	22-130	
Anthracene	ug/L	50	58.3	117	48-130	
Benzo(a)anthracene	ug/L	50	66.0	132	48-137	
Benzo(b)fluoranthene	ug/L	50	66.1	132	52-138	
Benzo(g,h,i)perylene	ug/L	50	67.7	135	48-140	
Benzo(k)fluoranthene	ug/L	50	64.7	129	48-139	
Benzoic Acid	ug/L	250	124	49	10-130	
Benzyl alcohol	ug/L	100	72.2	72	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	37.2	74	34-130	
bis(2-Chloroethyl) ether	ug/L	50	38.9	78	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	73.1	146	32-165	
Butylbenzylphthalate	ug/L	50	70.8	142	34-161	
Chrysene	ug/L	50	63.5	127	47-131	
Di-n-butylphthalate	ug/L	50	65.6	131	39-144	
Di-n-octylphthalate	ug/L	50	67.1	134	30-170	
Dibenz(a,h)anthracene	ug/L	50	65.9	132	49-138	
Dibenzofuran	ug/L	50	39.1	78	33-130	
Diethylphthalate	ug/L	50	55.3	111	38-131	
Dimethylphthalate	ug/L	50	47.5	95	37-130	
Fluoranthene	ug/L	50	62.6	125	46-137	
Fluorene	ug/L	50	43.8	88	37-130	
Hexachlorobenzene	ug/L	50	50.8	102	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.9	44	10-130	
Hexachloroethane	ug/L	50	22.8	46	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	68.2	136	41-130	L1
Isophorone	ug/L	50	36.5	73	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	37.5	75	36-130	
N-Nitrosodimethylamine	ug/L	50	34.3	69	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.7	103	37-130	
Nitrobenzene	ug/L	50	38.4	77	36-130	
Pentachlorophenol	ug/L	100	130	130	23-149	
Phenanthrene	ug/L	50	57.5	115	44-130	
Phenol	ug/L	50	22.7	45	18-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	68.1	136	47-134	L1
2,4,6-Tribromophenol (S)	%			123	10-144	
2-Fluorobiphenyl (S)	%			65	10-130	
2-Fluorophenol (S)	%			54	10-130	
Nitrobenzene-d5 (S)	%			77	10-144	
Phenol-d6 (S)	%			43	10-130	
Terphenyl-d14 (S)	%			112	34-163	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 612981
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: 92531521001, 92531521002, 92531521003, 92531521004

METHOD BLANK: 3226437 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/12/21 13:58	
2-Fluorobiphenyl (S)	%	166	61-163		04/12/21 13:58	S3
Nitrobenzene-d5 (S)	%	135	67-170		04/12/21 13:58	
Terphenyl-d14 (S)	%	134	62-169		04/12/21 13:58	

LABORATORY CONTROL SAMPLE: 3226438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.9	75	70-130	
2-Fluorobiphenyl (S)	%			141	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			103	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226439 3226440

Parameter	Units	92531521003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	1.7	1.6	70	65	50-165	7	30	
2-Fluorobiphenyl (S)	%						118	125	61-163			
Nitrobenzene-d5 (S)	%						99	97	67-170			
Terphenyl-d14 (S)	%						95	91	62-169			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531521001	**SW-18**	EPA 3510C	612586	EPA 8270E	612675
92531521002	**SW-19**	EPA 3510C	612586	EPA 8270E	612675
92531521003	**SW-20**	EPA 3510C	612586	EPA 8270E	612675
92531521004	**SW-21**	EPA 3510C	612586	EPA 8270E	612675
92531521001	**SW-18**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521002	**SW-19**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521003	**SW-20**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521004	**SW-21**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521001	**SW-18**	EPA 8260D	611991		
92531521002	**SW-19**	EPA 8260D	611991		
92531521003	**SW-20**	EPA 8260D	611991		
92531521004	**SW-21**	EPA 8260D	611991		
92531521005	**TRIP BLANK**	EPA 8260D	611991		

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

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

Sample Condition Upon Receipt

Client Name: Synterra

Project #: WO#: 92531521

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

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

Date/Initials Person Examining Contents: 4-6-21 AR

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

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

Thermometer: ☒ IR Gun ID: 93-T071

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 5.3 Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 5.3

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

WO# : 92531521

PM: KLH1 Due Date: 04/13/21

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

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

pH Adjustment Log for Preserved Samples

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

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

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

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

Regulatory Agency: State / Location: SC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8270 LV	TRIP BLANKS	Residual Chlorine (Y/N)
1	SW-18_WS_20210405	WT	G			04/05/21	1030	16	8	5			3						3	2	3		
2	SW-19_WS-20210405	"	"			"	1100	14	"	"			"						"	"	"		
3	SW-20_WS_20210405	"	"			"	1230	17	"	"			"						"	"	"		
4	SW-21_WS_20210405	WT	G			04/05/21	1150	17	8	5			3						3	2	3		
5	TRIP BLANK	WT	G																			1	
6																							
7																							
8																							
9																							
10																							
11																							
12																							

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	[signature] / SYN	04/05/21	1430	SYNTERRA COLD STORAGE	04/05/21	1430	
STANDARD TURN	SYNTERRA COLD STORAGE	4/6/21	0830	[signature] / Syn	4/6/21	0830	
	[signature] / Syn	4.6.21	1210	[signature] / Pace	4.6.21	1210	
	[signature] / Pace	4.6.21	1415	A. Rucker / PACE/AN	4-6-21	1415	5.3 Y N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: LEE DRAGO

SIGNATURE of SAMPLER: [signature] DATE Signed: 04/05/21

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

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

April 09, 2021

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

RE: Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Dear Program Manager:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

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

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

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

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

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531093001	**DA4-SB-1 (0-0.6)**	Solid	04/01/21 09:00	04/02/21 09:40
92531093002	**DA4-SB-1 (2-2.5)**	Solid	04/01/21 09:20	04/02/21 09:40
92531093003	**DA4-SB-1A (0-0.6)**	Solid	04/01/21 10:30	04/02/21 09:40
92531093004	**DA4-SB-1A (2-2.5)**	Solid	04/01/21 10:45	04/02/21 09:40
92531093005	**DA4-SB-1B (0-0.6)**	Solid	04/01/21 09:40	04/02/21 09:40
92531093006	**DA4-SB-1B (2-2.5)**	Solid	04/01/21 10:00	04/02/21 09:40
92531093007	**DA4-SB-2 (0-0.6)**	Solid	04/01/21 11:15	04/02/21 09:40
92531093008	**DA4-SB-2 (2-2.5)**	Solid	04/01/21 11:30	04/02/21 09:40
92531093009	**DA4-SB-3 (0-0.6)**	Solid	04/01/21 13:15	04/02/21 09:40
92531093010	**DA4-SB-3 (4-5)**	Solid	04/01/21 13:30	04/02/21 09:40
92531093011	**DA4-SB-3A (0-0.6)**	Solid	04/01/21 14:20	04/02/21 09:40
92531093012	**DA4-SB-3A (2-2.5)**	Solid	04/01/21 14:40	04/02/21 09:40
92531093013	**DA4-SB-3B (0-0.6)**	Solid	04/01/21 13:45	04/02/21 09:40
92531093014	**DA4-SB-3B (2-2.5)**	Solid	04/01/21 14:05	04/02/21 09:40
92531093015	**TRIP BLANK**	Water	04/02/21 00:00	04/02/21 09:40
92531093016	**EB-2**	Water	04/01/21 14:30	04/02/21 09:40

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531093001	**DA4-SB-1 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093002	**DA4-SB-1 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093003	**DA4-SB-1A (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093004	**DA4-SB-1A (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093005	**DA4-SB-1B (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093006	**DA4-SB-1B (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093007	**DA4-SB-2 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093008	**DA4-SB-2 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	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: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093009	**DA4-SB-3 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093010	**DA4-SB-3 (4-5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093011	**DA4-SB-3A (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093012	**DA4-SB-3A (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093013	**DA4-SB-3B (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093014	**DA4-SB-3B (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093015	**TRIP BLANK**	EPA 8260D	SAS	62	PASI-C
92531093016	**EB-2**	EPA 8270E	PKS	67	PASI-C
		EPA 8260D	SAS	62	PASI-C

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093001	**DA4-SB-1 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	143	ug/kg	16.5	04/08/21 07:12	
EPA 8260D	Acetone	142J	ug/kg	226	04/05/21 20:58	
EPA 8260D	Benzene	6.0J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	2-Butanone (MEK)	60.6J	ug/kg	226	04/05/21 20:58	
EPA 8260D	Ethylbenzene	22.0	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Isopropylbenzene (Cumene)	6.5J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	p-Isopropyltoluene	6.3J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Naphthalene	244	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	n-Propylbenzene	7.0J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Toluene	27.1	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	1,2,4-Trimethylbenzene	32.8	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	1,3,5-Trimethylbenzene	13.3	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Xylene (Total)	79.4	ug/kg	22.6	04/05/21 20:58	
EPA 8260D	m&p-Xylene	50.0	ug/kg	22.6	04/05/21 20:58	
EPA 8260D	o-Xylene	29.3	ug/kg	11.3	04/05/21 20:58	
SW-846	Percent Moisture	39.0	%	0.10	04/05/21 13:07	N2
92531093002	**DA4-SB-1 (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	2.7J	ug/kg	14.5	04/08/21 07:32	
SW-846	Percent Moisture	30.5	%	0.10	04/05/21 13:07	N2
92531093003	**DA4-SB-1A (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	2400	ug/kg	76.4	04/08/21 13:57	
EPA 8270E	Anthracene	3800J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(a)anthracene	9800	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(b)fluoranthene	10400	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(g,h,i)perylene	5300	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(k)fluoranthene	3880J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Chrysene	8500	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Fluoranthene	24700	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4860J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Phenanthrene	12100	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Pyrene	20500	ug/kg	4920	04/07/21 20:14	
EPA 8260D	Ethylbenzene	5.0J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Naphthalene	25.5	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Toluene	9.1J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	1,2,4-Trimethylbenzene	6.6J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Xylene (Total)	20.0	ug/kg	19.5	04/05/21 21:34	
EPA 8260D	m&p-Xylene	12.5J	ug/kg	19.5	04/05/21 21:34	
EPA 8260D	o-Xylene	7.5J	ug/kg	9.8	04/05/21 21:34	
SW-846	Percent Moisture	33.9	%	0.10	04/05/21 13:07	N2
92531093004	**DA4-SB-1A (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	34.5	ug/kg	15.6	04/08/21 08:12	
EPA 8270E	Anthracene	174J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Benzo(a)anthracene	230J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Benzo(b)fluoranthene	200J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Fluoranthene	617	ug/kg	516	04/07/21 17:07	
EPA 8270E	Phenanthrene	667	ug/kg	516	04/07/21 17:07	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093004	**DA4-SB-1A (2-2.5)**					
EPA 8270E	Pyrene	509J	ug/kg	516	04/07/21 17:07	
SW-846	Percent Moisture	35.4	%	0.10	04/05/21 13:07	N2
92531093005	**DA4-SB-1B (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	18.7	ug/kg	15.2	04/08/21 08:33	
EPA 8260D	Naphthalene	9.2J	ug/kg	10	04/05/21 22:10	
SW-846	Percent Moisture	33.5	%	0.10	04/05/21 13:07	N2
92531093006	**DA4-SB-1B (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	9.3J	ug/kg	14.7	04/08/21 08:53	
EPA 8260D	Acetone	88.0J	ug/kg	222	04/05/21 22:28	
EPA 8260D	Toluene	10.9J	ug/kg	11.1	04/05/21 22:28	
SW-846	Percent Moisture	31.1	%	0.10	04/05/21 13:19	N2
92531093007	**DA4-SB-2 (0-0.6)**					
EPA 8082A	PCB-1260 (Aroclor 1260)	279J	ug/kg	339	04/07/21 20:53	
EPA 8270E	Benzo(a)pyrene	266	ug/kg	20.8	04/08/21 09:13	
EPA 8270E	Benzo(a)anthracene	408J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Benzo(b)fluoranthene	484J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Chrysene	321J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Fluoranthene	608J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Pyrene	539J	ug/kg	685	04/07/21 18:38	
EPA 8260D	Acetone	143J	ug/kg	327	04/05/21 22:46	
EPA 8260D	Ethylbenzene	13.3J	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	p-Isopropyltoluene	8.9J	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Naphthalene	171	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Toluene	42.8	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	1,2,4-Trimethylbenzene	18.6	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Xylene (Total)	52.7	ug/kg	32.7	04/05/21 22:46	
EPA 8260D	m&p-Xylene	34.6	ug/kg	32.7	04/05/21 22:46	
EPA 8260D	o-Xylene	18.2	ug/kg	16.3	04/05/21 22:46	
SW-846	Percent Moisture	51.4	%	0.10	04/05/21 13:19	N2
92531093008	**DA4-SB-2 (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	23.8	ug/kg	13.7	04/08/21 09:33	
EPA 8260D	Naphthalene	9.5	ug/kg	7.4	04/05/21 23:04	
EPA 8260D	Toluene	3.8J	ug/kg	7.4	04/05/21 23:04	
SW-846	Percent Moisture	26.0	%	0.10	04/05/21 13:19	N2
92531093009	**DA4-SB-3 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	536	ug/kg	28.2	04/08/21 09:54	
EPA 8270E	Anthracene	309J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(a)anthracene	1030	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(b)fluoranthene	1150	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(g,h,i)perylene	511J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(k)fluoranthene	512J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Chrysene	945	ug/kg	935	04/07/21 19:39	
EPA 8270E	Fluoranthene	2010	ug/kg	935	04/07/21 19:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	504J	ug/kg	935	04/07/21 19:39	

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093009	**DA4-SB-3 (0-0.6)**					
EPA 8270E	Phenanthrene	572J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Pyrene	1770	ug/kg	935	04/07/21 19:39	
EPA 8260D	Acetone	586J	ug/kg	660	04/05/21 23:22	
EPA 8260D	Benzene	174	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	2-Butanone (MEK)	278J	ug/kg	660	04/05/21 23:22	
EPA 8260D	Ethylbenzene	70.3	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Isopropylbenzene (Cumene)	20.6J	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	p-Isopropyltoluene	37.6	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Naphthalene	3350	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	n-Propylbenzene	19.0J	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Toluene	391	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	1,2,4-Trimethylbenzene	109	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	1,3,5-Trimethylbenzene	53.6	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Xylene (Total)	454	ug/kg	66.0	04/05/21 23:22	
EPA 8260D	m&p-Xylene	347	ug/kg	66.0	04/05/21 23:22	
EPA 8260D	o-Xylene	107	ug/kg	33.0	04/05/21 23:22	
SW-846	Percent Moisture	64.2	%	0.10	04/05/21 13:19	N2
92531093010	**DA4-SB-3 (4-5)**					
EPA 8270E	Benzo(a)pyrene	48.9	ug/kg	15.1	04/08/21 10:14	
EPA 8270E	Fluoranthene	262J	ug/kg	499	04/07/21 20:09	
EPA 8270E	Phenanthrene	174J	ug/kg	499	04/07/21 20:09	
EPA 8270E	Pyrene	229J	ug/kg	499	04/07/21 20:09	
EPA 8260D	Isopropylbenzene (Cumene)	7.1J	ug/kg	9.9	04/05/21 23:40	
EPA 8260D	Naphthalene	250	ug/kg	9.9	04/05/21 23:40	
EPA 8260D	Xylene (Total)	6.9J	ug/kg	19.8	04/05/21 23:40	
EPA 8260D	m&p-Xylene	6.9J	ug/kg	19.8	04/05/21 23:40	
SW-846	Percent Moisture	33.0	%	0.10	04/05/21 13:19	N2
92531093011	**DA4-SB-3A (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	8.5J	ug/kg	14.3	04/08/21 10:34	
SW-846	Percent Moisture	31.2	%	0.10	04/05/21 13:19	N2
92531093012	**DA4-SB-3A (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	50.7	ug/kg	15.7	04/08/21 10:55	
SW-846	Percent Moisture	35.6	%	0.10	04/05/21 13:19	N2
92531093013	**DA4-SB-3B (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	862	ug/kg	16.7	04/08/21 11:15	
EPA 8270E	Benzo(a)anthracene	546J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(b)fluoranthene	633	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(g,h,i)perylene	301J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(k)fluoranthene	287J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Chrysene	518J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Fluoranthene	907	ug/kg	550	04/07/21 21:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	264J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Phenanthrene	301J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Pyrene	808	ug/kg	550	04/07/21 21:39	
EPA 8260D	Acetone	119J	ug/kg	256	04/06/21 00:34	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093013	**DA4-SB-3B (0-0.6)**					
EPA 8260D	Benzene	7.2J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Ethylbenzene	10.6J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	p-Isopropyltoluene	7.7J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Naphthalene	140	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Toluene	28.3	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	1,2,4-Trimethylbenzene	17.2	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	1,3,5-Trimethylbenzene	5.7J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Xylene (Total)	55.1	ug/kg	25.6	04/06/21 00:34	
EPA 8260D	m&p-Xylene	36.3	ug/kg	25.6	04/06/21 00:34	
EPA 8260D	o-Xylene	18.8	ug/kg	12.8	04/06/21 00:34	
SW-846	Percent Moisture	40.4	%	0.10	04/05/21 13:19	N2
92531093014	**DA4-SB-3B (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	777	ug/kg	15.9	04/08/21 11:35	
EPA 8270E	Anthracene	293J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(a)anthracene	764	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(b)fluoranthene	803	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(g,h,i)perylene	353J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(k)fluoranthene	294J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Chrysene	693	ug/kg	517	04/07/21 22:09	
EPA 8270E	Fluoranthene	1570	ug/kg	517	04/07/21 22:09	
EPA 8270E	Indeno(1,2,3-cd)pyrene	337J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Phenanthrene	557	ug/kg	517	04/07/21 22:09	
EPA 8270E	Pyrene	1290	ug/kg	517	04/07/21 22:09	
EPA 8260D	Naphthalene	13.1	ug/kg	7.2	04/06/21 01:11	
SW-846	Percent Moisture	36.2	%	0.10	04/05/21 13:20	N2

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 09, 2021

General Information:
14 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 611971

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-2 (0-0.6) (Lab ID: 92531093007)
  - Decachlorobiphenyl (S)
- DA4-SB-3 (0-0.6) (Lab ID: 92531093009)
  - Decachlorobiphenyl (S)
- DA4-SB-3B (0-0.6) (Lab ID: 92531093013)
  - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 09, 2021

Analyte Comments:

QC Batch: 611971

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-3B (2-2.5) (Lab ID: 92531093014)
  - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 09, 2021

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

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

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

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

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

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

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

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: 611696

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: 3219929)
  - 2-Nitrophenol

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

QC Batch: 611696

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912007

R1: RPD value was outside control limits.

- MSD (Lab ID: 3219931)
  - 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 09, 2021

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 09, 2021

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 3546 with any exceptions noted below.

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

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

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

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

QC Batch: 611973

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3221188)
  - Terphenyl-d14 (S)

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 09, 2021

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 3546 with any exceptions noted below.

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

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

QC Batch: 611949

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.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene

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.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol

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: 611949

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - 2,4,6-Tribromophenol (S)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)
  - Phenol-d6 (S)
  - Terphenyl-d14 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 09, 2021

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 611949

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 09, 2021

General Information:
2 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: 611379

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: 3218751)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- EB-2 (Lab ID: 92531093016)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3218752)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3218753)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MSD (Lab ID: 3218754)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531093015)
  - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 09, 2021

QC Batch: 611379

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

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene

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.

QC Batch: 611379

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531049002

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

- MS (Lab ID: 3218753)
  - 1,1,1,2-Tetrachloroethane
  - Benzene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 09, 2021

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.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

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

QC Batch: 611477

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

- DA4-SB-3B (2-2.5) (Lab ID: 92531093014)
  - Bromomethane
  - Ethylbenzene
- MS (Lab ID: 3219025)
  - Bromomethane
  - Ethylbenzene

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

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

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

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

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

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

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

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 09, 2021

Additional Comments:

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

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	54.1	19.8	1	04/07/21 12:56	04/07/21 17:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	54.1	20.9	1	04/07/21 12:56	04/07/21 17:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	54.1	19.0	1	04/07/21 12:56	04/07/21 17:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	54.1	10.2	1	04/07/21 12:56	04/07/21 17:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	54.1	13.5	1	04/07/21 12:56	04/07/21 17:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	54.1	10.2	1	04/07/21 12:56	04/07/21 17:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	54.1	12.9	1	04/07/21 12:56	04/07/21 17:04	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	71	%	10-160		1	04/07/21 12:56	04/07/21 17:04	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**143**	ug/kg	16.5	1.7	1	04/07/21 12:58	04/08/21 07:12	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/07/21 12:58	04/08/21 07:12	321-60-8	
Nitrobenzene-d5 (S)	84	%	32-130		1	04/07/21 12:58	04/08/21 07:12	4165-60-0	
Terphenyl-d14 (S)	96	%	24-130		1	04/07/21 12:58	04/08/21 07:12	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	83-32-9	
Acenaphthylene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	208-96-8	
Aniline	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	62-53-3	
Anthracene	ND	ug/kg	545	178	1	04/07/21 13:00	04/07/21 16:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	545	182	1	04/07/21 13:00	04/07/21 16:07	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	545	182	1	04/07/21 13:00	04/07/21 16:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	545	211	1	04/07/21 13:00	04/07/21 16:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	207-08-9	
Benzoic Acid	ND	ug/kg	2720	1170	1	04/07/21 13:00	04/07/21 16:07	65-85-0	
Benzyl alcohol	ND	ug/kg	1090	413	1	04/07/21 13:00	04/07/21 16:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	545	230	1	04/07/21 13:00	04/07/21 16:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1090	383	1	04/07/21 13:00	04/07/21 16:07	59-50-7	
4-Chloroaniline	ND	ug/kg	1090	428	1	04/07/21 13:00	04/07/21 16:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	545	226	1	04/07/21 13:00	04/07/21 16:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	545	216	1	04/07/21 13:00	04/07/21 16:07	91-58-7	
2-Chlorophenol	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	545	203	1	04/07/21 13:00	04/07/21 16:07	7005-72-3	
Chrysene	ND	ug/kg	545	198	1	04/07/21 13:00	04/07/21 16:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	53-70-3	
Dibenzofuran	ND	ug/kg	545	197	1	04/07/21 13:00	04/07/21 16:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1090	368	1	04/07/21 13:00	04/07/21 16:07	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	545	200	1	04/07/21 13:00	04/07/21 16:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	545	226	1	04/07/21 13:00	04/07/21 16:07	105-67-9	
Dimethylphthalate	ND	ug/kg	545	198	1	04/07/21 13:00	04/07/21 16:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	545	183	1	04/07/21 13:00	04/07/21 16:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1090	509	1	04/07/21 13:00	04/07/21 16:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2720	1680	1	04/07/21 13:00	04/07/21 16:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	545	200	1	04/07/21 13:00	04/07/21 16:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	545	215	1	04/07/21 13:00	04/07/21 16:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	545	211	1	04/07/21 13:00	04/07/21 16:07	117-81-7	
Fluoranthene	ND	ug/kg	545	187	1	04/07/21 13:00	04/07/21 16:07	206-44-0	
Fluorene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	545	312	1	04/07/21 13:00	04/07/21 16:07	77-47-4	
Hexachloroethane	ND	ug/kg	545	208	1	04/07/21 13:00	04/07/21 16:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	545	215	1	04/07/21 13:00	04/07/21 16:07	193-39-5	
Isophorone	ND	ug/kg	545	243	1	04/07/21 13:00	04/07/21 16:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	545	218	1	04/07/21 13:00	04/07/21 16:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	545	223	1	04/07/21 13:00	04/07/21 16:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	545	220	1	04/07/21 13:00	04/07/21 16:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2720	446	1	04/07/21 13:00	04/07/21 16:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2720	428	1	04/07/21 13:00	04/07/21 16:07	99-09-2	
4-Nitroaniline	ND	ug/kg	1090	414	1	04/07/21 13:00	04/07/21 16:07	100-01-6	
Nitrobenzene	ND	ug/kg	545	253	1	04/07/21 13:00	04/07/21 16:07	98-95-3	
2-Nitrophenol	ND	ug/kg	545	236	1	04/07/21 13:00	04/07/21 16:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2720	1050	1	04/07/21 13:00	04/07/21 16:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	545	183	1	04/07/21 13:00	04/07/21 16:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	545	193	1	04/07/21 13:00	04/07/21 16:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	545	259	1	04/07/21 13:00	04/07/21 16:07	108-60-1	
Pentachlorophenol	ND	ug/kg	1090	533	1	04/07/21 13:00	04/07/21 16:07	87-86-5	
Phenanthrene	ND	ug/kg	545	178	1	04/07/21 13:00	04/07/21 16:07	85-01-8	
Phenol	ND	ug/kg	545	243	1	04/07/21 13:00	04/07/21 16:07	108-95-2	
Pyrene	ND	ug/kg	545	221	1	04/07/21 13:00	04/07/21 16:07	129-00-0	
Pyridine	ND	ug/kg	545	172	1	04/07/21 13:00	04/07/21 16:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	545	249	1	04/07/21 13:00	04/07/21 16:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	545	225	1	04/07/21 13:00	04/07/21 16:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	04/07/21 13:00	04/07/21 16:07	4165-60-0	
2-Fluorobiphenyl (S)	33	%	19-130		1	04/07/21 13:00	04/07/21 16:07	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	04/07/21 13:00	04/07/21 16:07	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	04/07/21 13:00	04/07/21 16:07	13127-88-3	
2-Fluorophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 16:07	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 16:07	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**142J**	ug/kg	226	72.6	1	04/05/21 14:44	04/05/21 20:58	67-64-1	
Benzene	**6.0J**	ug/kg	11.3	4.5	1	04/05/21 14:44	04/05/21 20:58	71-43-2	
Bromobenzene	ND	ug/kg	11.3	3.7	1	04/05/21 14:44	04/05/21 20:58	108-86-1	
Bromochloromethane	ND	ug/kg	11.3	3.3	1	04/05/21 14:44	04/05/21 20:58	74-97-5	
Bromodichloromethane	ND	ug/kg	11.3	4.4	1	04/05/21 14:44	04/05/21 20:58	75-27-4	
Bromoform	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	75-25-2	
Bromomethane	ND	ug/kg	22.6	17.9	1	04/05/21 14:44	04/05/21 20:58	74-83-9	
2-Butanone (MEK)	**60.6J**	ug/kg	226	54.3	1	04/05/21 14:44	04/05/21 20:58	78-93-3	
n-Butylbenzene	ND	ug/kg	11.3	5.3	1	04/05/21 14:44	04/05/21 20:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.3	4.2	1	04/05/21 14:44	04/05/21 20:58	56-23-5	
Chlorobenzene	ND	ug/kg	11.3	2.2	1	04/05/21 14:44	04/05/21 20:58	108-90-7	
Chloroethane	ND	ug/kg	22.6	8.7	1	04/05/21 14:44	04/05/21 20:58	75-00-3	
Chloroform	ND	ug/kg	11.3	6.9	1	04/05/21 14:44	04/05/21 20:58	67-66-3	
Chloromethane	ND	ug/kg	22.6	9.5	1	04/05/21 14:44	04/05/21 20:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.3	2.0	1	04/05/21 14:44	04/05/21 20:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.3	4.4	1	04/05/21 14:44	04/05/21 20:58	96-12-8	
Dibromochloromethane	ND	ug/kg	11.3	6.4	1	04/05/21 14:44	04/05/21 20:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	106-93-4	
Dibromomethane	ND	ug/kg	11.3	2.4	1	04/05/21 14:44	04/05/21 20:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.3	4.1	1	04/05/21 14:44	04/05/21 20:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.3	3.5	1	04/05/21 14:44	04/05/21 20:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.3	2.9	1	04/05/21 14:44	04/05/21 20:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.6	4.9	1	04/05/21 14:44	04/05/21 20:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.3	4.7	1	04/05/21 14:44	04/05/21 20:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.3	7.5	1	04/05/21 14:44	04/05/21 20:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.3	4.7	1	04/05/21 14:44	04/05/21 20:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.3	3.9	1	04/05/21 14:44	04/05/21 20:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.3	3.4	1	04/05/21 14:44	04/05/21 20:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.3	3.5	1	04/05/21 14:44	04/05/21 20:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.3	3.7	1	04/05/21 14:44	04/05/21 20:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.3	5.4	1	04/05/21 14:44	04/05/21 20:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.3	3.9	1	04/05/21 14:44	04/05/21 20:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	108-20-3	
Ethylbenzene	**22.0**	ug/kg	11.3	5.3	1	04/05/21 14:44	04/05/21 20:58	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	22.6	18.5	1	04/05/21 14:44	04/05/21 20:58	87-68-3	
2-Hexanone	ND	ug/kg	113	10.9	1	04/05/21 14:44	04/05/21 20:58	591-78-6	
Isopropylbenzene (Cumene)	**6.5J**	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	98-82-8	
p-Isopropyltoluene	**6.3J**	ug/kg	11.3	5.6	1	04/05/21 14:44	04/05/21 20:58	99-87-6	
Methylene Chloride	ND	ug/kg	45.3	31.0	1	04/05/21 14:44	04/05/21 20:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	113	10.9	1	04/05/21 14:44	04/05/21 20:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.3	4.2	1	04/05/21 14:44	04/05/21 20:58	1634-04-4	
Naphthalene	**244**	ug/kg	11.3	6.0	1	04/05/21 14:44	04/05/21 20:58	91-20-3	
n-Propylbenzene	**7.0J**	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	103-65-1	
Styrene	ND	ug/kg	11.3	3.0	1	04/05/21 14:44	04/05/21 20:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.3	4.3	1	04/05/21 14:44	04/05/21 20:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.3	3.0	1	04/05/21 14:44	04/05/21 20:58	79-34-5	
Tetrachloroethene	ND	ug/kg	11.3	3.6	1	04/05/21 14:44	04/05/21 20:58	127-18-4	
Toluene	**27.1**	ug/kg	11.3	3.2	1	04/05/21 14:44	04/05/21 20:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.3	9.1	1	04/05/21 14:44	04/05/21 20:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.3	9.5	1	04/05/21 14:44	04/05/21 20:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.3	5.9	1	04/05/21 14:44	04/05/21 20:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	79-00-5	
Trichloroethene	ND	ug/kg	11.3	2.9	1	04/05/21 14:44	04/05/21 20:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.3	6.2	1	04/05/21 14:44	04/05/21 20:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.3	5.7	1	04/05/21 14:44	04/05/21 20:58	96-18-4	
1,2,4-Trimethylbenzene	**32.8**	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	95-63-6	
1,3,5-Trimethylbenzene	**13.3**	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	108-67-8	
Vinyl acetate	ND	ug/kg	113	8.2	1	04/05/21 14:44	04/05/21 20:58	108-05-4	
Vinyl chloride	ND	ug/kg	22.6	5.7	1	04/05/21 14:44	04/05/21 20:58	75-01-4	
Xylene (Total)	**79.4**	ug/kg	22.6	6.4	1	04/05/21 14:44	04/05/21 20:58	1330-20-7	
m&p-Xylene	**50.0**	ug/kg	22.6	7.7	1	04/05/21 14:44	04/05/21 20:58	179601-23-1	
o-Xylene	**29.3**	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/05/21 14:44	04/05/21 20:58	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 20:58	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 20:58	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**39.0**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	47.5	17.4	1	04/07/21 12:56	04/07/21 17:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	47.5	18.3	1	04/07/21 12:56	04/07/21 17:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	47.5	16.6	1	04/07/21 12:56	04/07/21 17:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	47.5	9.0	1	04/07/21 12:56	04/07/21 17:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	47.5	11.9	1	04/07/21 12:56	04/07/21 17:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	47.5	8.9	1	04/07/21 12:56	04/07/21 17:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	47.5	11.4	1	04/07/21 12:56	04/07/21 17:33	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-160		1	04/07/21 12:56	04/07/21 17:33	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**2.7J**	ug/kg	14.5	1.5	1	04/07/21 12:58	04/08/21 07:32	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/07/21 12:58	04/08/21 07:32	321-60-8	
Nitrobenzene-d5 (S)	79	%	32-130		1	04/07/21 12:58	04/08/21 07:32	4165-60-0	
Terphenyl-d14 (S)	56	%	24-130		1	04/07/21 12:58	04/08/21 07:32	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	83-32-9	
Acenaphthylene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	208-96-8	
Aniline	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	62-53-3	
Anthracene	ND	ug/kg	472	154	1	04/07/21 13:00	04/07/21 16:37	120-12-7	
Benzo(a)anthracene	ND	ug/kg	472	157	1	04/07/21 13:00	04/07/21 16:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	472	157	1	04/07/21 13:00	04/07/21 16:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	472	183	1	04/07/21 13:00	04/07/21 16:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	04/07/21 13:00	04/07/21 16:37	65-85-0	
Benzyl alcohol	ND	ug/kg	943	357	1	04/07/21 13:00	04/07/21 16:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	101-55-3	
Butylbenzylphthalate	ND	ug/kg	472	199	1	04/07/21 13:00	04/07/21 16:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	943	332	1	04/07/21 13:00	04/07/21 16:37	59-50-7	
4-Chloroaniline	ND	ug/kg	943	370	1	04/07/21 13:00	04/07/21 16:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	472	196	1	04/07/21 13:00	04/07/21 16:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	111-44-4	
2-Chloronaphthalene	ND	ug/kg	472	187	1	04/07/21 13:00	04/07/21 16:37	91-58-7	
2-Chlorophenol	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	472	176	1	04/07/21 13:00	04/07/21 16:37	7005-72-3	
Chrysene	ND	ug/kg	472	172	1	04/07/21 13:00	04/07/21 16:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	53-70-3	
Dibenzofuran	ND	ug/kg	472	170	1	04/07/21 13:00	04/07/21 16:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	943	319	1	04/07/21 13:00	04/07/21 16:37	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	472	173	1	04/07/21 13:00	04/07/21 16:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	472	196	1	04/07/21 13:00	04/07/21 16:37	105-67-9	
Dimethylphthalate	ND	ug/kg	472	172	1	04/07/21 13:00	04/07/21 16:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	472	159	1	04/07/21 13:00	04/07/21 16:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	943	440	1	04/07/21 13:00	04/07/21 16:37	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/07/21 13:00	04/07/21 16:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	472	173	1	04/07/21 13:00	04/07/21 16:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	472	186	1	04/07/21 13:00	04/07/21 16:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	472	183	1	04/07/21 13:00	04/07/21 16:37	117-81-7	
Fluoranthene	ND	ug/kg	472	162	1	04/07/21 13:00	04/07/21 16:37	206-44-0	
Fluorene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	86-73-7	
Hexachlorobenzene	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	472	270	1	04/07/21 13:00	04/07/21 16:37	77-47-4	
Hexachloroethane	ND	ug/kg	472	180	1	04/07/21 13:00	04/07/21 16:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	472	186	1	04/07/21 13:00	04/07/21 16:37	193-39-5	
Isophorone	ND	ug/kg	472	210	1	04/07/21 13:00	04/07/21 16:37	78-59-1	
1-Methylnaphthalene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	90-12-0	
2-Methylnaphthalene	ND	ug/kg	472	189	1	04/07/21 13:00	04/07/21 16:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	472	193	1	04/07/21 13:00	04/07/21 16:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	472	190	1	04/07/21 13:00	04/07/21 16:37	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	386	1	04/07/21 13:00	04/07/21 16:37	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	04/07/21 13:00	04/07/21 16:37	99-09-2	
4-Nitroaniline	ND	ug/kg	943	359	1	04/07/21 13:00	04/07/21 16:37	100-01-6	
Nitrobenzene	ND	ug/kg	472	219	1	04/07/21 13:00	04/07/21 16:37	98-95-3	
2-Nitrophenol	ND	ug/kg	472	204	1	04/07/21 13:00	04/07/21 16:37	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	912	1	04/07/21 13:00	04/07/21 16:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	472	159	1	04/07/21 13:00	04/07/21 16:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	472	167	1	04/07/21 13:00	04/07/21 16:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	472	224	1	04/07/21 13:00	04/07/21 16:37	108-60-1	
Pentachlorophenol	ND	ug/kg	943	462	1	04/07/21 13:00	04/07/21 16:37	87-86-5	
Phenanthrene	ND	ug/kg	472	154	1	04/07/21 13:00	04/07/21 16:37	85-01-8	
Phenol	ND	ug/kg	472	210	1	04/07/21 13:00	04/07/21 16:37	108-95-2	
Pyrene	ND	ug/kg	472	192	1	04/07/21 13:00	04/07/21 16:37	129-00-0	
Pyridine	ND	ug/kg	472	149	1	04/07/21 13:00	04/07/21 16:37	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	472	216	1	04/07/21 13:00	04/07/21 16:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	472	194	1	04/07/21 13:00	04/07/21 16:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	04/07/21 13:00	04/07/21 16:37	4165-60-0	
2-Fluorobiphenyl (S)	52	%	19-130		1	04/07/21 13:00	04/07/21 16:37	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	04/07/21 13:00	04/07/21 16:37	1718-51-0	
Phenol-d6 (S)	73	%	18-130		1	04/07/21 13:00	04/07/21 16:37	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	04/07/21 13:00	04/07/21 16:37	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	68	%	18-130		1	04/07/21 13:00	04/07/21 16:37	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	173	55.6	1	04/05/21 14:44	04/05/21 21:16	67-64-1	
Benzene	ND	ug/kg	8.7	3.4	1	04/05/21 14:44	04/05/21 21:16	71-43-2	
Bromobenzene	ND	ug/kg	8.7	2.8	1	04/05/21 14:44	04/05/21 21:16	108-86-1	
Bromochloromethane	ND	ug/kg	8.7	2.6	1	04/05/21 14:44	04/05/21 21:16	74-97-5	
Bromodichloromethane	ND	ug/kg	8.7	3.3	1	04/05/21 14:44	04/05/21 21:16	75-27-4	
Bromoform	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	75-25-2	
Bromomethane	ND	ug/kg	17.3	13.7	1	04/05/21 14:44	04/05/21 21:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	173	41.6	1	04/05/21 14:44	04/05/21 21:16	78-93-3	
n-Butylbenzene	ND	ug/kg	8.7	4.1	1	04/05/21 14:44	04/05/21 21:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.7	3.2	1	04/05/21 14:44	04/05/21 21:16	56-23-5	
Chlorobenzene	ND	ug/kg	8.7	1.7	1	04/05/21 14:44	04/05/21 21:16	108-90-7	
Chloroethane	ND	ug/kg	17.3	6.7	1	04/05/21 14:44	04/05/21 21:16	75-00-3	
Chloroform	ND	ug/kg	8.7	5.3	1	04/05/21 14:44	04/05/21 21:16	67-66-3	
Chloromethane	ND	ug/kg	17.3	7.3	1	04/05/21 14:44	04/05/21 21:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.7	1.5	1	04/05/21 14:44	04/05/21 21:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.7	3.4	1	04/05/21 14:44	04/05/21 21:16	96-12-8	
Dibromochloromethane	ND	ug/kg	8.7	4.9	1	04/05/21 14:44	04/05/21 21:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	106-93-4	
Dibromomethane	ND	ug/kg	8.7	1.9	1	04/05/21 14:44	04/05/21 21:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.3	3.8	1	04/05/21 14:44	04/05/21 21:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.7	3.6	1	04/05/21 14:44	04/05/21 21:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.7	5.7	1	04/05/21 14:44	04/05/21 21:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.7	3.6	1	04/05/21 14:44	04/05/21 21:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.7	2.6	1	04/05/21 14:44	04/05/21 21:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.7	2.8	1	04/05/21 14:44	04/05/21 21:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.7	4.2	1	04/05/21 14:44	04/05/21 21:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.7	2.4	1	04/05/21 14:44	04/05/21 21:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	108-20-3	
Ethylbenzene	ND	ug/kg	8.7	4.0	1	04/05/21 14:44	04/05/21 21:16	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	17.3	14.2	1	04/05/21 14:44	04/05/21 21:16	87-68-3	
2-Hexanone	ND	ug/kg	86.7	8.4	1	04/05/21 14:44	04/05/21 21:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.7	4.3	1	04/05/21 14:44	04/05/21 21:16	99-87-6	
Methylene Chloride	ND	ug/kg	34.7	23.7	1	04/05/21 14:44	04/05/21 21:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	86.7	8.4	1	04/05/21 14:44	04/05/21 21:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.7	3.2	1	04/05/21 14:44	04/05/21 21:16	1634-04-4	
Naphthalene	ND	ug/kg	8.7	4.6	1	04/05/21 14:44	04/05/21 21:16	91-20-3	
n-Propylbenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	103-65-1	
Styrene	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.7	3.3	1	04/05/21 14:44	04/05/21 21:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	79-34-5	
Tetrachloroethene	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	127-18-4	
Toluene	ND	ug/kg	8.7	2.5	1	04/05/21 14:44	04/05/21 21:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.7	7.0	1	04/05/21 14:44	04/05/21 21:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.7	7.3	1	04/05/21 14:44	04/05/21 21:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.7	4.5	1	04/05/21 14:44	04/05/21 21:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	79-00-5	
Trichloroethene	ND	ug/kg	8.7	2.2	1	04/05/21 14:44	04/05/21 21:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.7	4.8	1	04/05/21 14:44	04/05/21 21:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.7	4.4	1	04/05/21 14:44	04/05/21 21:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.7	2.4	1	04/05/21 14:44	04/05/21 21:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	108-67-8	
Vinyl acetate	ND	ug/kg	86.7	6.3	1	04/05/21 14:44	04/05/21 21:16	108-05-4	
Vinyl chloride	ND	ug/kg	17.3	4.4	1	04/05/21 14:44	04/05/21 21:16	75-01-4	
Xylene (Total)	ND	ug/kg	17.3	4.9	1	04/05/21 14:44	04/05/21 21:16	1330-20-7	
m&p-Xylene	ND	ug/kg	17.3	5.9	1	04/05/21 14:44	04/05/21 21:16	179601-23-1	
o-Xylene	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 21:16	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/05/21 14:44	04/05/21 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/05/21 21:16	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**30.5**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.1	18.0	1	04/07/21 12:56	04/07/21 18:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.1	18.9	1	04/07/21 12:56	04/07/21 18:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.1	17.2	1	04/07/21 12:56	04/07/21 18:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.1	9.3	1	04/07/21 12:56	04/07/21 18:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.1	12.3	1	04/07/21 12:56	04/07/21 18:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.1	9.2	1	04/07/21 12:56	04/07/21 18:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.1	11.7	1	04/07/21 12:56	04/07/21 18:01	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	36	%	10-160		1	04/07/21 12:56	04/07/21 18:01	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**2400**	ug/kg	76.4	7.9	5	04/07/21 12:58	04/08/21 13:57	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	62	%	31-130		1	04/07/21 12:58	04/08/21 07:52	321-60-8	
Nitrobenzene-d5 (S)	80	%	32-130		1	04/07/21 12:58	04/08/21 07:52	4165-60-0	
Terphenyl-d14 (S)	102	%	24-130		1	04/07/21 12:58	04/08/21 07:52	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	83-32-9	
Acenaphthylene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	208-96-8	
Aniline	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	62-53-3	
Anthracene	**3800J**	ug/kg	4920	1610	10	04/07/21 13:00	04/07/21 20:14	120-12-7	
Benzo(a)anthracene	**9800**	ug/kg	4920	1640	10	04/07/21 13:00	04/07/21 20:14	56-55-3	
Benzo(b)fluoranthene	**10400**	ug/kg	4920	1640	10	04/07/21 13:00	04/07/21 20:14	205-99-2	
Benzo(g,h,i)perylene	**5300**	ug/kg	4920	1910	10	04/07/21 13:00	04/07/21 20:14	191-24-2	
Benzo(k)fluoranthene	**3880J**	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	207-08-9	
Benzoic Acid	ND	ug/kg	24600	10600	10	04/07/21 13:00	04/07/21 20:14	65-85-0	
Benzyl alcohol	ND	ug/kg	9850	3730	10	04/07/21 13:00	04/07/21 20:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	4920	2070	10	04/07/21 13:00	04/07/21 20:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	9850	3460	10	04/07/21 13:00	04/07/21 20:14	59-50-7	
4-Chloroaniline	ND	ug/kg	9850	3860	10	04/07/21 13:00	04/07/21 20:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	4920	2040	10	04/07/21 13:00	04/07/21 20:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	4920	1950	10	04/07/21 13:00	04/07/21 20:14	91-58-7	
2-Chlorophenol	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	4920	1840	10	04/07/21 13:00	04/07/21 20:14	7005-72-3	
Chrysene	**8500**	ug/kg	4920	1790	10	04/07/21 13:00	04/07/21 20:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	53-70-3	
Dibenzofuran	ND	ug/kg	4920	1780	10	04/07/21 13:00	04/07/21 20:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	9850	3330	10	04/07/21 13:00	04/07/21 20:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	4920	1810	10	04/07/21 13:00	04/07/21 20:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	4920	2040	10	04/07/21 13:00	04/07/21 20:14	105-67-9	
Dimethylphthalate	ND	ug/kg	4920	1790	10	04/07/21 13:00	04/07/21 20:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	4920	1660	10	04/07/21 13:00	04/07/21 20:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9850	4600	10	04/07/21 13:00	04/07/21 20:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	24600	15200	10	04/07/21 13:00	04/07/21 20:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	4920	1810	10	04/07/21 13:00	04/07/21 20:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	4920	1940	10	04/07/21 13:00	04/07/21 20:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	4920	1910	10	04/07/21 13:00	04/07/21 20:14	117-81-7	
Fluoranthene	**24700**	ug/kg	4920	1690	10	04/07/21 13:00	04/07/21 20:14	206-44-0	
Fluorene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	86-73-7	
Hexachlorobenzene	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	4920	2820	10	04/07/21 13:00	04/07/21 20:14	77-47-4	v2
Hexachloroethane	ND	ug/kg	4920	1880	10	04/07/21 13:00	04/07/21 20:14	67-72-1	
Indeno(1,2,3-cd)pyrene	**4860J**	ug/kg	4920	1940	10	04/07/21 13:00	04/07/21 20:14	193-39-5	
Isophorone	ND	ug/kg	4920	2190	10	04/07/21 13:00	04/07/21 20:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	4920	1970	10	04/07/21 13:00	04/07/21 20:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	4920	2010	10	04/07/21 13:00	04/07/21 20:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	4920	1980	10	04/07/21 13:00	04/07/21 20:14	15831-10-4	
2-Nitroaniline	ND	ug/kg	24600	4030	10	04/07/21 13:00	04/07/21 20:14	88-74-4	
3-Nitroaniline	ND	ug/kg	24600	3860	10	04/07/21 13:00	04/07/21 20:14	99-09-2	IL
4-Nitroaniline	ND	ug/kg	9850	3750	10	04/07/21 13:00	04/07/21 20:14	100-01-6	
Nitrobenzene	ND	ug/kg	4920	2280	10	04/07/21 13:00	04/07/21 20:14	98-95-3	v1
2-Nitrophenol	ND	ug/kg	4920	2130	10	04/07/21 13:00	04/07/21 20:14	88-75-5	
4-Nitrophenol	ND	ug/kg	24600	9520	10	04/07/21 13:00	04/07/21 20:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	4920	1660	10	04/07/21 13:00	04/07/21 20:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	4920	1750	10	04/07/21 13:00	04/07/21 20:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	4920	2340	10	04/07/21 13:00	04/07/21 20:14	108-60-1	v1
Pentachlorophenol	ND	ug/kg	9850	4820	10	04/07/21 13:00	04/07/21 20:14	87-86-5	v2
Phenanthrene	**12100**	ug/kg	4920	1610	10	04/07/21 13:00	04/07/21 20:14	85-01-8	
Phenol	ND	ug/kg	4920	2190	10	04/07/21 13:00	04/07/21 20:14	108-95-2	
Pyrene	**20500**	ug/kg	4920	2000	10	04/07/21 13:00	04/07/21 20:14	129-00-0	
Pyridine	ND	ug/kg	4920	1550	10	04/07/21 13:00	04/07/21 20:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	4920	2250	10	04/07/21 13:00	04/07/21 20:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	4920	2030	10	04/07/21 13:00	04/07/21 20:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	0	%	21-130		10	04/07/21 13:00	04/07/21 20:14	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	19-130		10	04/07/21 13:00	04/07/21 20:14	321-60-8	S4
Terphenyl-d14 (S)	0	%	15-130		10	04/07/21 13:00	04/07/21 20:14	1718-51-0	S4
Phenol-d6 (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	13127-88-3	S4
2-Fluorophenol (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	367-12-4	S4

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	118-79-6	S4
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	195	62.7	1	04/05/21 14:44	04/05/21 21:34	67-64-1	
Benzene	ND	ug/kg	9.8	3.9	1	04/05/21 14:44	04/05/21 21:34	71-43-2	
Bromobenzene	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	108-86-1	
Bromochloromethane	ND	ug/kg	9.8	2.9	1	04/05/21 14:44	04/05/21 21:34	74-97-5	
Bromodichloromethane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	75-27-4	
Bromoform	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	75-25-2	
Bromomethane	ND	ug/kg	19.5	15.4	1	04/05/21 14:44	04/05/21 21:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	195	46.9	1	04/05/21 14:44	04/05/21 21:34	78-93-3	
n-Butylbenzene	ND	ug/kg	9.8	4.6	1	04/05/21 14:44	04/05/21 21:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.8	3.7	1	04/05/21 14:44	04/05/21 21:34	56-23-5	
Chlorobenzene	ND	ug/kg	9.8	1.9	1	04/05/21 14:44	04/05/21 21:34	108-90-7	
Chloroethane	ND	ug/kg	19.5	7.5	1	04/05/21 14:44	04/05/21 21:34	75-00-3	
Chloroform	ND	ug/kg	9.8	5.9	1	04/05/21 14:44	04/05/21 21:34	67-66-3	
Chloromethane	ND	ug/kg	19.5	8.2	1	04/05/21 14:44	04/05/21 21:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.8	1.7	1	04/05/21 14:44	04/05/21 21:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	96-12-8	
Dibromochloromethane	ND	ug/kg	9.8	5.5	1	04/05/21 14:44	04/05/21 21:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	106-93-4	
Dibromomethane	ND	ug/kg	9.8	2.1	1	04/05/21 14:44	04/05/21 21:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.8	3.0	1	04/05/21 14:44	04/05/21 21:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.8	2.5	1	04/05/21 14:44	04/05/21 21:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.5	4.2	1	04/05/21 14:44	04/05/21 21:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.8	4.0	1	04/05/21 14:44	04/05/21 21:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.8	6.5	1	04/05/21 14:44	04/05/21 21:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.8	4.0	1	04/05/21 14:44	04/05/21 21:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.8	2.9	1	04/05/21 14:44	04/05/21 21:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.8	3.0	1	04/05/21 14:44	04/05/21 21:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.8	4.7	1	04/05/21 14:44	04/05/21 21:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.8	2.7	1	04/05/21 14:44	04/05/21 21:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	108-20-3	
Ethylbenzene	**5.0J**	ug/kg	9.8	4.6	1	04/05/21 14:44	04/05/21 21:34	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) **Lab ID: 92531093003** Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.5	16.0	1	04/05/21 14:44	04/05/21 21:34	87-68-3	
2-Hexanone	ND	ug/kg	97.7	9.4	1	04/05/21 14:44	04/05/21 21:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.8	4.8	1	04/05/21 14:44	04/05/21 21:34	99-87-6	
Methylene Chloride	ND	ug/kg	39.1	26.8	1	04/05/21 14:44	04/05/21 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	97.7	9.4	1	04/05/21 14:44	04/05/21 21:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.8	3.7	1	04/05/21 14:44	04/05/21 21:34	1634-04-4	
Naphthalene	**25.5**	ug/kg	9.8	5.1	1	04/05/21 14:44	04/05/21 21:34	91-20-3	
n-Propylbenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	103-65-1	
Styrene	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	79-34-5	
Tetrachloroethene	ND	ug/kg	9.8	3.1	1	04/05/21 14:44	04/05/21 21:34	127-18-4	
Toluene	**9.1J**	ug/kg	9.8	2.8	1	04/05/21 14:44	04/05/21 21:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.8	7.9	1	04/05/21 14:44	04/05/21 21:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.8	8.2	1	04/05/21 14:44	04/05/21 21:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.8	5.1	1	04/05/21 14:44	04/05/21 21:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	79-00-5	
Trichloroethene	ND	ug/kg	9.8	2.5	1	04/05/21 14:44	04/05/21 21:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.8	5.4	1	04/05/21 14:44	04/05/21 21:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.8	4.9	1	04/05/21 14:44	04/05/21 21:34	96-18-4	
1,2,4-Trimethylbenzene	**6.6J**	ug/kg	9.8	2.7	1	04/05/21 14:44	04/05/21 21:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	108-67-8	
Vinyl acetate	ND	ug/kg	97.7	7.1	1	04/05/21 14:44	04/05/21 21:34	108-05-4	
Vinyl chloride	ND	ug/kg	19.5	5.0	1	04/05/21 14:44	04/05/21 21:34	75-01-4	
Xylene (Total)	**20.0**	ug/kg	19.5	5.6	1	04/05/21 14:44	04/05/21 21:34	1330-20-7	
m&p-Xylene	**12.5J**	ug/kg	19.5	6.7	1	04/05/21 14:44	04/05/21 21:34	179601-23-1	
o-Xylene	**7.5J**	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 21:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 21:34	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/05/21 14:44	04/05/21 21:34	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**33.9**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.4	18.8	1	04/07/21 12:56	04/07/21 18:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.4	19.8	1	04/07/21 12:56	04/07/21 18:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.4	18.0	1	04/07/21 12:56	04/07/21 18:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 18:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.4	12.8	1	04/07/21 12:56	04/07/21 18:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 18:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.4	12.3	1	04/07/21 12:56	04/07/21 18:16	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	34	%	10-160		1	04/07/21 12:56	04/07/21 18:16	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**34.5**	ug/kg	15.6	1.6	1	04/07/21 12:58	04/08/21 08:12	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/07/21 12:58	04/08/21 08:12	321-60-8	
Nitrobenzene-d5 (S)	102	%	32-130		1	04/07/21 12:58	04/08/21 08:12	4165-60-0	
Terphenyl-d14 (S)	121	%	24-130		1	04/07/21 12:58	04/08/21 08:12	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	83-32-9	
Acenaphthylene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	208-96-8	
Aniline	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	62-53-3	
Anthracene	**174J**	ug/kg	516	169	1	04/07/21 13:00	04/07/21 17:07	120-12-7	
Benzo(a)anthracene	**230J**	ug/kg	516	172	1	04/07/21 13:00	04/07/21 17:07	56-55-3	
Benzo(b)fluoranthene	**200J**	ug/kg	516	172	1	04/07/21 13:00	04/07/21 17:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	516	200	1	04/07/21 13:00	04/07/21 17:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	04/07/21 13:00	04/07/21 17:07	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	391	1	04/07/21 13:00	04/07/21 17:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	516	217	1	04/07/21 13:00	04/07/21 17:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	04/07/21 13:00	04/07/21 17:07	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	405	1	04/07/21 13:00	04/07/21 17:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	516	214	1	04/07/21 13:00	04/07/21 17:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	516	205	1	04/07/21 13:00	04/07/21 17:07	91-58-7	
2-Chlorophenol	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	516	192	1	04/07/21 13:00	04/07/21 17:07	7005-72-3	
Chrysene	ND	ug/kg	516	188	1	04/07/21 13:00	04/07/21 17:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	53-70-3	
Dibenzofuran	ND	ug/kg	516	186	1	04/07/21 13:00	04/07/21 17:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	04/07/21 13:00	04/07/21 17:07	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	516	189	1	04/07/21 13:00	04/07/21 17:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	516	214	1	04/07/21 13:00	04/07/21 17:07	105-67-9	
Dimethylphthalate	ND	ug/kg	516	188	1	04/07/21 13:00	04/07/21 17:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	516	174	1	04/07/21 13:00	04/07/21 17:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	04/07/21 13:00	04/07/21 17:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	04/07/21 13:00	04/07/21 17:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	516	189	1	04/07/21 13:00	04/07/21 17:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	516	203	1	04/07/21 13:00	04/07/21 17:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	516	200	1	04/07/21 13:00	04/07/21 17:07	117-81-7	
Fluoranthene	**617**	ug/kg	516	177	1	04/07/21 13:00	04/07/21 17:07	206-44-0	
Fluorene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	516	296	1	04/07/21 13:00	04/07/21 17:07	77-47-4	
Hexachloroethane	ND	ug/kg	516	197	1	04/07/21 13:00	04/07/21 17:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	516	203	1	04/07/21 13:00	04/07/21 17:07	193-39-5	
Isophorone	ND	ug/kg	516	230	1	04/07/21 13:00	04/07/21 17:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	516	206	1	04/07/21 13:00	04/07/21 17:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	516	211	1	04/07/21 13:00	04/07/21 17:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	516	208	1	04/07/21 13:00	04/07/21 17:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	422	1	04/07/21 13:00	04/07/21 17:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	405	1	04/07/21 13:00	04/07/21 17:07	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	04/07/21 13:00	04/07/21 17:07	100-01-6	
Nitrobenzene	ND	ug/kg	516	239	1	04/07/21 13:00	04/07/21 17:07	98-95-3	
2-Nitrophenol	ND	ug/kg	516	224	1	04/07/21 13:00	04/07/21 17:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	998	1	04/07/21 13:00	04/07/21 17:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	516	174	1	04/07/21 13:00	04/07/21 17:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	516	183	1	04/07/21 13:00	04/07/21 17:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	516	246	1	04/07/21 13:00	04/07/21 17:07	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	505	1	04/07/21 13:00	04/07/21 17:07	87-86-5	
Phenanthrene	**667**	ug/kg	516	169	1	04/07/21 13:00	04/07/21 17:07	85-01-8	
Phenol	ND	ug/kg	516	230	1	04/07/21 13:00	04/07/21 17:07	108-95-2	
Pyrene	**509J**	ug/kg	516	210	1	04/07/21 13:00	04/07/21 17:07	129-00-0	
Pyridine	ND	ug/kg	516	163	1	04/07/21 13:00	04/07/21 17:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	516	236	1	04/07/21 13:00	04/07/21 17:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	516	213	1	04/07/21 13:00	04/07/21 17:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/07/21 13:00	04/07/21 17:07	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/07/21 13:00	04/07/21 17:07	321-60-8	
Terphenyl-d14 (S)	57	%	15-130		1	04/07/21 13:00	04/07/21 17:07	1718-51-0	
Phenol-d6 (S)	57	%	18-130		1	04/07/21 13:00	04/07/21 17:07	13127-88-3	
2-Fluorophenol (S)	52	%	18-130		1	04/07/21 13:00	04/07/21 17:07	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	52	%	18-130		1	04/07/21 13:00	04/07/21 17:07	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	187	60.1	1	04/05/21 14:44	04/05/21 21:52	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/05/21 14:44	04/05/21 21:52	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/05/21 14:44	04/05/21 21:52	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/05/21 14:44	04/05/21 21:52	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	45.0	1	04/05/21 14:44	04/05/21 21:52	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/05/21 14:44	04/05/21 21:52	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/05/21 14:44	04/05/21 21:52	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/05/21 14:44	04/05/21 21:52	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/05/21 14:44	04/05/21 21:52	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/05/21 14:44	04/05/21 21:52	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/05/21 14:44	04/05/21 21:52	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/05/21 14:44	04/05/21 21:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/05/21 14:44	04/05/21 21:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/05/21 14:44	04/05/21 21:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/05/21 14:44	04/05/21 21:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/05/21 14:44	04/05/21 21:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/05/21 14:44	04/05/21 21:52	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/05/21 14:44	04/05/21 21:52	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/05/21 14:44	04/05/21 21:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/05/21 14:44	04/05/21 21:52	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/05/21 14:44	04/05/21 21:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/05/21 14:44	04/05/21 21:52	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/05/21 14:44	04/05/21 21:52	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/05/21 14:44	04/05/21 21:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/05/21 14:44	04/05/21 21:52	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/05/21 14:44	04/05/21 21:52	87-68-3	
2-Hexanone	ND	ug/kg	93.7	9.0	1	04/05/21 14:44	04/05/21 21:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/05/21 14:44	04/05/21 21:52	99-87-6	
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/05/21 14:44	04/05/21 21:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.7	9.0	1	04/05/21 14:44	04/05/21 21:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/05/21 14:44	04/05/21 21:52	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/05/21 14:44	04/05/21 21:52	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/05/21 14:44	04/05/21 21:52	127-18-4	
Toluene	ND	ug/kg	9.4	2.7	1	04/05/21 14:44	04/05/21 21:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/05/21 14:44	04/05/21 21:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/05/21 14:44	04/05/21 21:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/05/21 14:44	04/05/21 21:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/05/21 14:44	04/05/21 21:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/05/21 14:44	04/05/21 21:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/05/21 14:44	04/05/21 21:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/05/21 14:44	04/05/21 21:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	108-67-8	
Vinyl acetate	ND	ug/kg	93.7	6.8	1	04/05/21 14:44	04/05/21 21:52	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/05/21 14:44	04/05/21 21:52	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/05/21 14:44	04/05/21 21:52	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/05/21 14:44	04/05/21 21:52	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 21:52	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 21:52	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	04/05/21 14:44	04/05/21 21:52	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**35.4**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.1	18.0	1	04/07/21 12:56	04/07/21 18:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.1	19.0	1	04/07/21 12:56	04/07/21 18:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.1	17.2	1	04/07/21 12:56	04/07/21 18:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.1	9.3	1	04/07/21 12:56	04/07/21 18:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.1	12.3	1	04/07/21 12:56	04/07/21 18:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.1	9.2	1	04/07/21 12:56	04/07/21 18:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.1	11.7	1	04/07/21 12:56	04/07/21 18:30	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	60	%	10-160		1	04/07/21 12:56	04/07/21 18:30	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**18.7**	ug/kg	15.2	1.6	1	04/07/21 12:58	04/08/21 08:33	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	67	%	31-130		1	04/07/21 12:58	04/08/21 08:33	321-60-8	
Nitrobenzene-d5 (S)	87	%	32-130		1	04/07/21 12:58	04/08/21 08:33	4165-60-0	
Terphenyl-d14 (S)	95	%	24-130		1	04/07/21 12:58	04/08/21 08:33	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	83-32-9	
Acenaphthylene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	208-96-8	
Aniline	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	62-53-3	
Anthracene	ND	ug/kg	491	161	1	04/07/21 13:00	04/07/21 17:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	491	164	1	04/07/21 13:00	04/07/21 17:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	491	164	1	04/07/21 13:00	04/07/21 17:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	491	191	1	04/07/21 13:00	04/07/21 17:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	207-08-9	
Benzoic Acid	ND	ug/kg	2460	1060	1	04/07/21 13:00	04/07/21 17:38	65-85-0	
Benzyl alcohol	ND	ug/kg	983	372	1	04/07/21 13:00	04/07/21 17:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	491	207	1	04/07/21 13:00	04/07/21 17:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	983	345	1	04/07/21 13:00	04/07/21 17:38	59-50-7	
4-Chloroaniline	ND	ug/kg	983	386	1	04/07/21 13:00	04/07/21 17:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	491	204	1	04/07/21 13:00	04/07/21 17:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	491	195	1	04/07/21 13:00	04/07/21 17:38	91-58-7	
2-Chlorophenol	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	491	183	1	04/07/21 13:00	04/07/21 17:38	7005-72-3	
Chrysene	ND	ug/kg	491	179	1	04/07/21 13:00	04/07/21 17:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	53-70-3	
Dibenzofuran	ND	ug/kg	491	177	1	04/07/21 13:00	04/07/21 17:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	983	332	1	04/07/21 13:00	04/07/21 17:38	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	491	180	1	04/07/21 13:00	04/07/21 17:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	491	204	1	04/07/21 13:00	04/07/21 17:38	105-67-9	
Dimethylphthalate	ND	ug/kg	491	179	1	04/07/21 13:00	04/07/21 17:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	491	165	1	04/07/21 13:00	04/07/21 17:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	983	459	1	04/07/21 13:00	04/07/21 17:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2460	1520	1	04/07/21 13:00	04/07/21 17:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	491	180	1	04/07/21 13:00	04/07/21 17:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	491	194	1	04/07/21 13:00	04/07/21 17:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	491	191	1	04/07/21 13:00	04/07/21 17:38	117-81-7	
Fluoranthene	ND	ug/kg	491	168	1	04/07/21 13:00	04/07/21 17:38	206-44-0	
Fluorene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	491	281	1	04/07/21 13:00	04/07/21 17:38	77-47-4	
Hexachloroethane	ND	ug/kg	491	188	1	04/07/21 13:00	04/07/21 17:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	491	194	1	04/07/21 13:00	04/07/21 17:38	193-39-5	
Isophorone	ND	ug/kg	491	219	1	04/07/21 13:00	04/07/21 17:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	491	197	1	04/07/21 13:00	04/07/21 17:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	491	201	1	04/07/21 13:00	04/07/21 17:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	491	198	1	04/07/21 13:00	04/07/21 17:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	2460	402	1	04/07/21 13:00	04/07/21 17:38	88-74-4	
3-Nitroaniline	ND	ug/kg	2460	386	1	04/07/21 13:00	04/07/21 17:38	99-09-2	
4-Nitroaniline	ND	ug/kg	983	374	1	04/07/21 13:00	04/07/21 17:38	100-01-6	
Nitrobenzene	ND	ug/kg	491	228	1	04/07/21 13:00	04/07/21 17:38	98-95-3	
2-Nitrophenol	ND	ug/kg	491	213	1	04/07/21 13:00	04/07/21 17:38	88-75-5	
4-Nitrophenol	ND	ug/kg	2460	950	1	04/07/21 13:00	04/07/21 17:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	491	165	1	04/07/21 13:00	04/07/21 17:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	491	174	1	04/07/21 13:00	04/07/21 17:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	491	234	1	04/07/21 13:00	04/07/21 17:38	108-60-1	
Pentachlorophenol	ND	ug/kg	983	481	1	04/07/21 13:00	04/07/21 17:38	87-86-5	
Phenanthrene	ND	ug/kg	491	161	1	04/07/21 13:00	04/07/21 17:38	85-01-8	
Phenol	ND	ug/kg	491	219	1	04/07/21 13:00	04/07/21 17:38	108-95-2	
Pyrene	ND	ug/kg	491	200	1	04/07/21 13:00	04/07/21 17:38	129-00-0	
Pyridine	ND	ug/kg	491	155	1	04/07/21 13:00	04/07/21 17:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	491	225	1	04/07/21 13:00	04/07/21 17:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	491	203	1	04/07/21 13:00	04/07/21 17:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 13:00	04/07/21 17:38	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	04/07/21 13:00	04/07/21 17:38	321-60-8	
Terphenyl-d14 (S)	74	%	15-130		1	04/07/21 13:00	04/07/21 17:38	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	04/07/21 13:00	04/07/21 17:38	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	04/07/21 13:00	04/07/21 17:38	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	62	%	18-130		1	04/07/21 13:00	04/07/21 17:38	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	199	64.0	1	04/05/21 14:44	04/05/21 22:10	67-64-1	
Benzene	ND	ug/kg	10	4.0	1	04/05/21 14:44	04/05/21 22:10	71-43-2	
Bromobenzene	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	108-86-1	
Bromochloromethane	ND	ug/kg	10	3.0	1	04/05/21 14:44	04/05/21 22:10	74-97-5	
Bromodichloromethane	ND	ug/kg	10	3.8	1	04/05/21 14:44	04/05/21 22:10	75-27-4	
Bromoform	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.8	1	04/05/21 14:44	04/05/21 22:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	199	47.9	1	04/05/21 14:44	04/05/21 22:10	78-93-3	
n-Butylbenzene	ND	ug/kg	10	4.7	1	04/05/21 14:44	04/05/21 22:10	104-51-8	
sec-Butylbenzene	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	135-98-8	
tert-Butylbenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	98-06-6	
Carbon tetrachloride	ND	ug/kg	10	3.7	1	04/05/21 14:44	04/05/21 22:10	56-23-5	
Chlorobenzene	ND	ug/kg	10	1.9	1	04/05/21 14:44	04/05/21 22:10	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	04/05/21 14:44	04/05/21 22:10	75-00-3	
Chloroform	ND	ug/kg	10	6.1	1	04/05/21 14:44	04/05/21 22:10	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.4	1	04/05/21 14:44	04/05/21 22:10	74-87-3	
2-Chlorotoluene	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	95-49-8	
4-Chlorotoluene	ND	ug/kg	10	1.8	1	04/05/21 14:44	04/05/21 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10	3.9	1	04/05/21 14:44	04/05/21 22:10	96-12-8	
Dibromochloromethane	ND	ug/kg	10	5.6	1	04/05/21 14:44	04/05/21 22:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	106-93-4	
Dibromomethane	ND	ug/kg	10	2.1	1	04/05/21 14:44	04/05/21 22:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10	3.1	1	04/05/21 14:44	04/05/21 22:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	04/05/21 14:44	04/05/21 22:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10	4.1	1	04/05/21 14:44	04/05/21 22:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10	6.6	1	04/05/21 14:44	04/05/21 22:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10	4.1	1	04/05/21 14:44	04/05/21 22:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10	3.0	1	04/05/21 14:44	04/05/21 22:10	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10	3.1	1	04/05/21 14:44	04/05/21 22:10	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10	4.8	1	04/05/21 14:44	04/05/21 22:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	10061-02-6	
Diisopropyl ether	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	108-20-3	
Ethylbenzene	ND	ug/kg	10	4.6	1	04/05/21 14:44	04/05/21 22:10	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	04/05/21 14:44	04/05/21 22:10	87-68-3	
2-Hexanone	ND	ug/kg	99.7	9.6	1	04/05/21 14:44	04/05/21 22:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10	4.9	1	04/05/21 14:44	04/05/21 22:10	99-87-6	
Methylene Chloride	ND	ug/kg	39.9	27.3	1	04/05/21 14:44	04/05/21 22:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.7	9.6	1	04/05/21 14:44	04/05/21 22:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10	3.7	1	04/05/21 14:44	04/05/21 22:10	1634-04-4	
Naphthalene	**9.2J**	ug/kg	10	5.2	1	04/05/21 14:44	04/05/21 22:10	91-20-3	
n-Propylbenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	103-65-1	
Styrene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10	3.8	1	04/05/21 14:44	04/05/21 22:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	79-34-5	
Tetrachloroethene	ND	ug/kg	10	3.2	1	04/05/21 14:44	04/05/21 22:10	127-18-4	
Toluene	ND	ug/kg	10	2.8	1	04/05/21 14:44	04/05/21 22:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10	8.1	1	04/05/21 14:44	04/05/21 22:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10	8.4	1	04/05/21 14:44	04/05/21 22:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10	5.2	1	04/05/21 14:44	04/05/21 22:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	79-00-5	
Trichloroethene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10	5.5	1	04/05/21 14:44	04/05/21 22:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10	5.0	1	04/05/21 14:44	04/05/21 22:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	108-67-8	
Vinyl acetate	ND	ug/kg	99.7	7.3	1	04/05/21 14:44	04/05/21 22:10	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.1	1	04/05/21 14:44	04/05/21 22:10	75-01-4	
Xylene (Total)	ND	ug/kg	19.9	5.7	1	04/05/21 14:44	04/05/21 22:10	1330-20-7	
m&p-Xylene	ND	ug/kg	19.9	6.8	1	04/05/21 14:44	04/05/21 22:10	179601-23-1	
o-Xylene	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 22:10	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 22:10	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:10	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**33.5**	%	0.10	0.10	1		04/05/21 13:07		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.5	17.8	1	04/07/21 12:56	04/07/21 18:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.5	18.7	1	04/07/21 12:56	04/07/21 18:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.5	17.0	1	04/07/21 12:56	04/07/21 18:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.5	9.2	1	04/07/21 12:56	04/07/21 18:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.5	12.1	1	04/07/21 12:56	04/07/21 18:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 18:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.5	11.6	1	04/07/21 12:56	04/07/21 18:44	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	62	%	10-160		1	04/07/21 12:56	04/07/21 18:44	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**9.3J**	ug/kg	14.7	1.5	1	04/07/21 12:58	04/08/21 08:53	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	65	%	31-130		1	04/07/21 12:58	04/08/21 08:53	321-60-8	
Nitrobenzene-d5 (S)	80	%	32-130		1	04/07/21 12:58	04/08/21 08:53	4165-60-0	
Terphenyl-d14 (S)	93	%	24-130		1	04/07/21 12:58	04/08/21 08:53	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	83-32-9	
Acenaphthylene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	208-96-8	
Aniline	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	62-53-3	
Anthracene	ND	ug/kg	471	154	1	04/07/21 13:00	04/07/21 18:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	471	157	1	04/07/21 13:00	04/07/21 18:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	471	157	1	04/07/21 13:00	04/07/21 18:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	471	183	1	04/07/21 13:00	04/07/21 18:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	04/07/21 13:00	04/07/21 18:08	65-85-0	
Benzyl alcohol	ND	ug/kg	942	357	1	04/07/21 13:00	04/07/21 18:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	471	198	1	04/07/21 13:00	04/07/21 18:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	942	331	1	04/07/21 13:00	04/07/21 18:08	59-50-7	
4-Chloroaniline	ND	ug/kg	942	370	1	04/07/21 13:00	04/07/21 18:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	471	196	1	04/07/21 13:00	04/07/21 18:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	471	187	1	04/07/21 13:00	04/07/21 18:08	91-58-7	
2-Chlorophenol	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	471	176	1	04/07/21 13:00	04/07/21 18:08	7005-72-3	
Chrysene	ND	ug/kg	471	171	1	04/07/21 13:00	04/07/21 18:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	53-70-3	
Dibenzofuran	ND	ug/kg	471	170	1	04/07/21 13:00	04/07/21 18:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	942	318	1	04/07/21 13:00	04/07/21 18:08	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	471	173	1	04/07/21 13:00	04/07/21 18:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	471	196	1	04/07/21 13:00	04/07/21 18:08	105-67-9	
Dimethylphthalate	ND	ug/kg	471	171	1	04/07/21 13:00	04/07/21 18:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	471	158	1	04/07/21 13:00	04/07/21 18:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	942	440	1	04/07/21 13:00	04/07/21 18:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/07/21 13:00	04/07/21 18:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	471	173	1	04/07/21 13:00	04/07/21 18:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	471	186	1	04/07/21 13:00	04/07/21 18:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	471	183	1	04/07/21 13:00	04/07/21 18:08	117-81-7	
Fluoranthene	ND	ug/kg	471	161	1	04/07/21 13:00	04/07/21 18:08	206-44-0	
Fluorene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	471	270	1	04/07/21 13:00	04/07/21 18:08	77-47-4	
Hexachloroethane	ND	ug/kg	471	180	1	04/07/21 13:00	04/07/21 18:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	471	186	1	04/07/21 13:00	04/07/21 18:08	193-39-5	
Isophorone	ND	ug/kg	471	210	1	04/07/21 13:00	04/07/21 18:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	471	188	1	04/07/21 13:00	04/07/21 18:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	471	193	1	04/07/21 13:00	04/07/21 18:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	471	190	1	04/07/21 13:00	04/07/21 18:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	385	1	04/07/21 13:00	04/07/21 18:08	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	04/07/21 13:00	04/07/21 18:08	99-09-2	
4-Nitroaniline	ND	ug/kg	942	358	1	04/07/21 13:00	04/07/21 18:08	100-01-6	
Nitrobenzene	ND	ug/kg	471	218	1	04/07/21 13:00	04/07/21 18:08	98-95-3	
2-Nitrophenol	ND	ug/kg	471	204	1	04/07/21 13:00	04/07/21 18:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	911	1	04/07/21 13:00	04/07/21 18:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	471	158	1	04/07/21 13:00	04/07/21 18:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	471	167	1	04/07/21 13:00	04/07/21 18:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	471	224	1	04/07/21 13:00	04/07/21 18:08	108-60-1	
Pentachlorophenol	ND	ug/kg	942	461	1	04/07/21 13:00	04/07/21 18:08	87-86-5	
Phenanthrene	ND	ug/kg	471	154	1	04/07/21 13:00	04/07/21 18:08	85-01-8	
Phenol	ND	ug/kg	471	210	1	04/07/21 13:00	04/07/21 18:08	108-95-2	
Pyrene	ND	ug/kg	471	191	1	04/07/21 13:00	04/07/21 18:08	129-00-0	
Pyridine	ND	ug/kg	471	148	1	04/07/21 13:00	04/07/21 18:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	471	216	1	04/07/21 13:00	04/07/21 18:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	471	194	1	04/07/21 13:00	04/07/21 18:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	43	%	21-130		1	04/07/21 13:00	04/07/21 18:08	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 18:08	321-60-8	
Terphenyl-d14 (S)	57	%	15-130		1	04/07/21 13:00	04/07/21 18:08	1718-51-0	
Phenol-d6 (S)	43	%	18-130		1	04/07/21 13:00	04/07/21 18:08	13127-88-3	
2-Fluorophenol (S)	41	%	18-130		1	04/07/21 13:00	04/07/21 18:08	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	39	%	18-130		1	04/07/21 13:00	04/07/21 18:08	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**88.0J**	ug/kg	222	71.2	1	04/05/21 14:44	04/05/21 22:28	67-64-1	
Benzene	ND	ug/kg	11.1	4.4	1	04/05/21 14:44	04/05/21 22:28	71-43-2	
Bromobenzene	ND	ug/kg	11.1	3.6	1	04/05/21 14:44	04/05/21 22:28	108-86-1	
Bromochloromethane	ND	ug/kg	11.1	3.3	1	04/05/21 14:44	04/05/21 22:28	74-97-5	
Bromodichloromethane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	75-27-4	
Bromoform	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	75-25-2	
Bromomethane	ND	ug/kg	22.2	17.5	1	04/05/21 14:44	04/05/21 22:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	222	53.3	1	04/05/21 14:44	04/05/21 22:28	78-93-3	
n-Butylbenzene	ND	ug/kg	11.1	5.2	1	04/05/21 14:44	04/05/21 22:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.1	4.2	1	04/05/21 14:44	04/05/21 22:28	56-23-5	
Chlorobenzene	ND	ug/kg	11.1	2.1	1	04/05/21 14:44	04/05/21 22:28	108-90-7	
Chloroethane	ND	ug/kg	22.2	8.6	1	04/05/21 14:44	04/05/21 22:28	75-00-3	
Chloroform	ND	ug/kg	11.1	6.7	1	04/05/21 14:44	04/05/21 22:28	67-66-3	
Chloromethane	ND	ug/kg	22.2	9.3	1	04/05/21 14:44	04/05/21 22:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.1	2.0	1	04/05/21 14:44	04/05/21 22:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	96-12-8	
Dibromochloromethane	ND	ug/kg	11.1	6.2	1	04/05/21 14:44	04/05/21 22:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	106-93-4	
Dibromomethane	ND	ug/kg	11.1	2.4	1	04/05/21 14:44	04/05/21 22:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.1	3.4	1	04/05/21 14:44	04/05/21 22:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.2	4.8	1	04/05/21 14:44	04/05/21 22:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.1	4.6	1	04/05/21 14:44	04/05/21 22:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.1	7.3	1	04/05/21 14:44	04/05/21 22:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.1	4.6	1	04/05/21 14:44	04/05/21 22:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.1	3.3	1	04/05/21 14:44	04/05/21 22:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.1	3.5	1	04/05/21 14:44	04/05/21 22:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.1	3.6	1	04/05/21 14:44	04/05/21 22:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.1	5.3	1	04/05/21 14:44	04/05/21 22:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	108-20-3	
Ethylbenzene	ND	ug/kg	11.1	5.2	1	04/05/21 14:44	04/05/21 22:28	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	22.2	18.2	1	04/05/21 14:44	04/05/21 22:28	87-68-3	
2-Hexanone	ND	ug/kg	111	10.7	1	04/05/21 14:44	04/05/21 22:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.1	5.5	1	04/05/21 14:44	04/05/21 22:28	99-87-6	
Methylene Chloride	ND	ug/kg	44.4	30.4	1	04/05/21 14:44	04/05/21 22:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	111	10.7	1	04/05/21 14:44	04/05/21 22:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.1	4.2	1	04/05/21 14:44	04/05/21 22:28	1634-04-4	
Naphthalene	ND	ug/kg	11.1	5.8	1	04/05/21 14:44	04/05/21 22:28	91-20-3	
n-Propylbenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	103-65-1	
Styrene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	79-34-5	
Tetrachloroethene	ND	ug/kg	11.1	3.5	1	04/05/21 14:44	04/05/21 22:28	127-18-4	
Toluene	**10.9J**	ug/kg	11.1	3.2	1	04/05/21 14:44	04/05/21 22:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.1	9.0	1	04/05/21 14:44	04/05/21 22:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.1	9.3	1	04/05/21 14:44	04/05/21 22:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.1	5.8	1	04/05/21 14:44	04/05/21 22:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.1	3.7	1	04/05/21 14:44	04/05/21 22:28	79-00-5	
Trichloroethene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.1	6.1	1	04/05/21 14:44	04/05/21 22:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.1	5.6	1	04/05/21 14:44	04/05/21 22:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.1	3.7	1	04/05/21 14:44	04/05/21 22:28	108-67-8	
Vinyl acetate	ND	ug/kg	111	8.1	1	04/05/21 14:44	04/05/21 22:28	108-05-4	
Vinyl chloride	ND	ug/kg	22.2	5.6	1	04/05/21 14:44	04/05/21 22:28	75-01-4	
Xylene (Total)	ND	ug/kg	22.2	6.3	1	04/05/21 14:44	04/05/21 22:28	1330-20-7	
m&p-Xylene	ND	ug/kg	22.2	7.6	1	04/05/21 14:44	04/05/21 22:28	179601-23-1	
o-Xylene	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 22:28	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 22:28	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:28	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**31.1**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	339	124	5	04/07/21 12:56	04/07/21 20:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	339	131	5	04/07/21 12:56	04/07/21 20:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	339	119	5	04/07/21 12:56	04/07/21 20:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	339	63.9	5	04/07/21 12:56	04/07/21 20:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	339	84.7	5	04/07/21 12:56	04/07/21 20:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	339	63.8	5	04/07/21 12:56	04/07/21 20:53	11097-69-1	
PCB-1260 (Aroclor 1260)	**279J**	ug/kg	339	81.1	5	04/07/21 12:56	04/07/21 20:53	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	90	%	10-160		5	04/07/21 12:56	04/07/21 20:53	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**266**	ug/kg	20.8	2.1	1	04/07/21 12:58	04/08/21 09:13	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		1	04/07/21 12:58	04/08/21 09:13	321-60-8	
Nitrobenzene-d5 (S)	85	%	32-130		1	04/07/21 12:58	04/08/21 09:13	4165-60-0	
Terphenyl-d14 (S)	88	%	24-130		1	04/07/21 12:58	04/08/21 09:13	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	83-32-9	
Acenaphthylene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	208-96-8	
Aniline	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	62-53-3	
Anthracene	ND	ug/kg	685	224	1	04/07/21 13:00	04/07/21 18:38	120-12-7	
Benzo(a)anthracene	**408J**	ug/kg	685	228	1	04/07/21 13:00	04/07/21 18:38	56-55-3	
Benzo(b)fluoranthene	**484J**	ug/kg	685	228	1	04/07/21 13:00	04/07/21 18:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	685	266	1	04/07/21 13:00	04/07/21 18:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	207-08-9	
Benzoic Acid	ND	ug/kg	3430	1470	1	04/07/21 13:00	04/07/21 18:38	65-85-0	
Benzyl alcohol	ND	ug/kg	1370	519	1	04/07/21 13:00	04/07/21 18:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	685	289	1	04/07/21 13:00	04/07/21 18:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1370	482	1	04/07/21 13:00	04/07/21 18:38	59-50-7	
4-Chloroaniline	ND	ug/kg	1370	538	1	04/07/21 13:00	04/07/21 18:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	685	285	1	04/07/21 13:00	04/07/21 18:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	685	272	1	04/07/21 13:00	04/07/21 18:38	91-58-7	
2-Chlorophenol	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	685	255	1	04/07/21 13:00	04/07/21 18:38	7005-72-3	
Chrysene	**321J**	ug/kg	685	249	1	04/07/21 13:00	04/07/21 18:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	53-70-3	
Dibenzofuran	ND	ug/kg	685	247	1	04/07/21 13:00	04/07/21 18:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1370	463	1	04/07/21 13:00	04/07/21 18:38	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	685	251	1	04/07/21 13:00	04/07/21 18:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	685	285	1	04/07/21 13:00	04/07/21 18:38	105-67-9	
Dimethylphthalate	ND	ug/kg	685	249	1	04/07/21 13:00	04/07/21 18:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	685	231	1	04/07/21 13:00	04/07/21 18:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1370	640	1	04/07/21 13:00	04/07/21 18:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3430	2120	1	04/07/21 13:00	04/07/21 18:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	685	251	1	04/07/21 13:00	04/07/21 18:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	685	270	1	04/07/21 13:00	04/07/21 18:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	685	266	1	04/07/21 13:00	04/07/21 18:38	117-81-7	
Fluoranthene	**608J**	ug/kg	685	235	1	04/07/21 13:00	04/07/21 18:38	206-44-0	
Fluorene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	685	393	1	04/07/21 13:00	04/07/21 18:38	77-47-4	
Hexachloroethane	ND	ug/kg	685	262	1	04/07/21 13:00	04/07/21 18:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	685	270	1	04/07/21 13:00	04/07/21 18:38	193-39-5	
Isophorone	ND	ug/kg	685	305	1	04/07/21 13:00	04/07/21 18:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	685	274	1	04/07/21 13:00	04/07/21 18:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	685	280	1	04/07/21 13:00	04/07/21 18:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	685	276	1	04/07/21 13:00	04/07/21 18:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	3430	561	1	04/07/21 13:00	04/07/21 18:38	88-74-4	
3-Nitroaniline	ND	ug/kg	3430	538	1	04/07/21 13:00	04/07/21 18:38	99-09-2	
4-Nitroaniline	ND	ug/kg	1370	521	1	04/07/21 13:00	04/07/21 18:38	100-01-6	
Nitrobenzene	ND	ug/kg	685	318	1	04/07/21 13:00	04/07/21 18:38	98-95-3	
2-Nitrophenol	ND	ug/kg	685	297	1	04/07/21 13:00	04/07/21 18:38	88-75-5	
4-Nitrophenol	ND	ug/kg	3430	1320	1	04/07/21 13:00	04/07/21 18:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	685	231	1	04/07/21 13:00	04/07/21 18:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	685	243	1	04/07/21 13:00	04/07/21 18:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	685	326	1	04/07/21 13:00	04/07/21 18:38	108-60-1	
Pentachlorophenol	ND	ug/kg	1370	671	1	04/07/21 13:00	04/07/21 18:38	87-86-5	
Phenanthrene	ND	ug/kg	685	224	1	04/07/21 13:00	04/07/21 18:38	85-01-8	
Phenol	ND	ug/kg	685	305	1	04/07/21 13:00	04/07/21 18:38	108-95-2	
Pyrene	**539J**	ug/kg	685	278	1	04/07/21 13:00	04/07/21 18:38	129-00-0	
Pyridine	ND	ug/kg	685	216	1	04/07/21 13:00	04/07/21 18:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	685	314	1	04/07/21 13:00	04/07/21 18:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	685	282	1	04/07/21 13:00	04/07/21 18:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	04/07/21 13:00	04/07/21 18:38	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 18:38	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/07/21 13:00	04/07/21 18:38	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	04/07/21 13:00	04/07/21 18:38	13127-88-3	
2-Fluorophenol (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 18:38	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	45	%	18-130		1	04/07/21 13:00	04/07/21 18:38	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**143J**	ug/kg	327	105	1	04/05/21 14:44	04/05/21 22:46	67-64-1	
Benzene	ND	ug/kg	16.3	6.5	1	04/05/21 14:44	04/05/21 22:46	71-43-2	
Bromobenzene	ND	ug/kg	16.3	5.3	1	04/05/21 14:44	04/05/21 22:46	108-86-1	
Bromochloromethane	ND	ug/kg	16.3	4.8	1	04/05/21 14:44	04/05/21 22:46	74-97-5	
Bromodichloromethane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	75-27-4	
Bromoform	ND	ug/kg	16.3	5.7	1	04/05/21 14:44	04/05/21 22:46	75-25-2	
Bromomethane	ND	ug/kg	32.7	25.8	1	04/05/21 14:44	04/05/21 22:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	327	78.4	1	04/05/21 14:44	04/05/21 22:46	78-93-3	
n-Butylbenzene	ND	ug/kg	16.3	7.7	1	04/05/21 14:44	04/05/21 22:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	98-06-6	
Carbon tetrachloride	ND	ug/kg	16.3	6.1	1	04/05/21 14:44	04/05/21 22:46	56-23-5	
Chlorobenzene	ND	ug/kg	16.3	3.1	1	04/05/21 14:44	04/05/21 22:46	108-90-7	
Chloroethane	ND	ug/kg	32.7	12.6	1	04/05/21 14:44	04/05/21 22:46	75-00-3	
Chloroform	ND	ug/kg	16.3	9.9	1	04/05/21 14:44	04/05/21 22:46	67-66-3	
Chloromethane	ND	ug/kg	32.7	13.7	1	04/05/21 14:44	04/05/21 22:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	16.3	2.9	1	04/05/21 14:44	04/05/21 22:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	96-12-8	
Dibromochloromethane	ND	ug/kg	16.3	9.2	1	04/05/21 14:44	04/05/21 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	106-93-4	
Dibromomethane	ND	ug/kg	16.3	3.5	1	04/05/21 14:44	04/05/21 22:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.3	5.9	1	04/05/21 14:44	04/05/21 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.3	5.1	1	04/05/21 14:44	04/05/21 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.3	4.2	1	04/05/21 14:44	04/05/21 22:46	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	32.7	7.1	1	04/05/21 14:44	04/05/21 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	16.3	6.7	1	04/05/21 14:44	04/05/21 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.3	10.8	1	04/05/21 14:44	04/05/21 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.3	6.7	1	04/05/21 14:44	04/05/21 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.3	5.7	1	04/05/21 14:44	04/05/21 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.3	4.9	1	04/05/21 14:44	04/05/21 22:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.3	5.1	1	04/05/21 14:44	04/05/21 22:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.3	5.3	1	04/05/21 14:44	04/05/21 22:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	16.3	7.8	1	04/05/21 14:44	04/05/21 22:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	16.3	4.4	1	04/05/21 14:44	04/05/21 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	10061-02-6	
Diisopropyl ether	ND	ug/kg	16.3	4.4	1	04/05/21 14:44	04/05/21 22:46	108-20-3	
Ethylbenzene	**13.3J**	ug/kg	16.3	7.6	1	04/05/21 14:44	04/05/21 22:46	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) **Lab ID: 92531093007** Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	32.7	26.7	1	04/05/21 14:44	04/05/21 22:46	87-68-3	
2-Hexanone	ND	ug/kg	163	15.7	1	04/05/21 14:44	04/05/21 22:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	98-82-8	
p-Isopropyltoluene	**8.9J**	ug/kg	16.3	8.0	1	04/05/21 14:44	04/05/21 22:46	99-87-6	
Methylene Chloride	ND	ug/kg	65.3	44.8	1	04/05/21 14:44	04/05/21 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	163	15.7	1	04/05/21 14:44	04/05/21 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	16.3	6.1	1	04/05/21 14:44	04/05/21 22:46	1634-04-4	
Naphthalene	**171**	ug/kg	16.3	8.6	1	04/05/21 14:44	04/05/21 22:46	91-20-3	
n-Propylbenzene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	103-65-1	
Styrene	ND	ug/kg	16.3	4.3	1	04/05/21 14:44	04/05/21 22:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.3	4.3	1	04/05/21 14:44	04/05/21 22:46	79-34-5	
Tetrachloroethene	ND	ug/kg	16.3	5.2	1	04/05/21 14:44	04/05/21 22:46	127-18-4	
Toluene	**42.8**	ug/kg	16.3	4.6	1	04/05/21 14:44	04/05/21 22:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.3	13.2	1	04/05/21 14:44	04/05/21 22:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.3	13.7	1	04/05/21 14:44	04/05/21 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.3	8.5	1	04/05/21 14:44	04/05/21 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	16.3	5.4	1	04/05/21 14:44	04/05/21 22:46	79-00-5	
Trichloroethene	ND	ug/kg	16.3	4.2	1	04/05/21 14:44	04/05/21 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.3	9.0	1	04/05/21 14:44	04/05/21 22:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.3	8.3	1	04/05/21 14:44	04/05/21 22:46	96-18-4	
1,2,4-Trimethylbenzene	**18.6**	ug/kg	16.3	4.5	1	04/05/21 14:44	04/05/21 22:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	16.3	5.5	1	04/05/21 14:44	04/05/21 22:46	108-67-8	
Vinyl acetate	ND	ug/kg	163	11.9	1	04/05/21 14:44	04/05/21 22:46	108-05-4	
Vinyl chloride	ND	ug/kg	32.7	8.3	1	04/05/21 14:44	04/05/21 22:46	75-01-4	
Xylene (Total)	**52.7**	ug/kg	32.7	9.3	1	04/05/21 14:44	04/05/21 22:46	1330-20-7	
m&p-Xylene	**34.6**	ug/kg	32.7	11.2	1	04/05/21 14:44	04/05/21 22:46	179601-23-1	
o-Xylene	**18.2**	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 22:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 22:46	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:46	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**51.4**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.1	16.5	1	04/07/21 12:56	04/07/21 18:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.1	17.4	1	04/07/21 12:56	04/07/21 18:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.1	15.8	1	04/07/21 12:56	04/07/21 18:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.1	8.5	1	04/07/21 12:56	04/07/21 18:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.1	11.3	1	04/07/21 12:56	04/07/21 18:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.1	8.5	1	04/07/21 12:56	04/07/21 18:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.1	10.8	1	04/07/21 12:56	04/07/21 18:59	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	34	%	10-160		1	04/07/21 12:56	04/07/21 18:59	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**23.8**	ug/kg	13.7	1.4	1	04/07/21 12:58	04/08/21 09:33	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-130		1	04/07/21 12:58	04/08/21 09:33	321-60-8	
Nitrobenzene-d5 (S)	76	%	32-130		1	04/07/21 12:58	04/08/21 09:33	4165-60-0	
Terphenyl-d14 (S)	82	%	24-130		1	04/07/21 12:58	04/08/21 09:33	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	83-32-9	
Acenaphthylene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	208-96-8	
Aniline	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	62-53-3	
Anthracene	ND	ug/kg	446	146	1	04/07/21 13:00	04/07/21 19:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	446	149	1	04/07/21 13:00	04/07/21 19:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	446	149	1	04/07/21 13:00	04/07/21 19:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	446	173	1	04/07/21 13:00	04/07/21 19:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	207-08-9	
Benzoic Acid	ND	ug/kg	2230	958	1	04/07/21 13:00	04/07/21 19:08	65-85-0	
Benzyl alcohol	ND	ug/kg	892	338	1	04/07/21 13:00	04/07/21 19:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	446	188	1	04/07/21 13:00	04/07/21 19:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	892	314	1	04/07/21 13:00	04/07/21 19:08	59-50-7	
4-Chloroaniline	ND	ug/kg	892	350	1	04/07/21 13:00	04/07/21 19:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	446	185	1	04/07/21 13:00	04/07/21 19:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	446	177	1	04/07/21 13:00	04/07/21 19:08	91-58-7	
2-Chlorophenol	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	446	166	1	04/07/21 13:00	04/07/21 19:08	7005-72-3	
Chrysene	ND	ug/kg	446	162	1	04/07/21 13:00	04/07/21 19:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	53-70-3	
Dibenzofuran	ND	ug/kg	446	161	1	04/07/21 13:00	04/07/21 19:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	892	301	1	04/07/21 13:00	04/07/21 19:08	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	446	164	1	04/07/21 13:00	04/07/21 19:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	446	185	1	04/07/21 13:00	04/07/21 19:08	105-67-9	
Dimethylphthalate	ND	ug/kg	446	162	1	04/07/21 13:00	04/07/21 19:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	446	150	1	04/07/21 13:00	04/07/21 19:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	416	1	04/07/21 13:00	04/07/21 19:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1380	1	04/07/21 13:00	04/07/21 19:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	446	164	1	04/07/21 13:00	04/07/21 19:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	446	176	1	04/07/21 13:00	04/07/21 19:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	446	173	1	04/07/21 13:00	04/07/21 19:08	117-81-7	
Fluoranthene	ND	ug/kg	446	153	1	04/07/21 13:00	04/07/21 19:08	206-44-0	
Fluorene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	446	255	1	04/07/21 13:00	04/07/21 19:08	77-47-4	
Hexachloroethane	ND	ug/kg	446	170	1	04/07/21 13:00	04/07/21 19:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	446	176	1	04/07/21 13:00	04/07/21 19:08	193-39-5	
Isophorone	ND	ug/kg	446	199	1	04/07/21 13:00	04/07/21 19:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	446	178	1	04/07/21 13:00	04/07/21 19:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	446	182	1	04/07/21 13:00	04/07/21 19:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	446	180	1	04/07/21 13:00	04/07/21 19:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2230	365	1	04/07/21 13:00	04/07/21 19:08	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	350	1	04/07/21 13:00	04/07/21 19:08	99-09-2	
4-Nitroaniline	ND	ug/kg	892	339	1	04/07/21 13:00	04/07/21 19:08	100-01-6	
Nitrobenzene	ND	ug/kg	446	207	1	04/07/21 13:00	04/07/21 19:08	98-95-3	
2-Nitrophenol	ND	ug/kg	446	193	1	04/07/21 13:00	04/07/21 19:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	862	1	04/07/21 13:00	04/07/21 19:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	446	150	1	04/07/21 13:00	04/07/21 19:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	446	158	1	04/07/21 13:00	04/07/21 19:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	446	212	1	04/07/21 13:00	04/07/21 19:08	108-60-1	
Pentachlorophenol	ND	ug/kg	892	437	1	04/07/21 13:00	04/07/21 19:08	87-86-5	
Phenanthrene	ND	ug/kg	446	146	1	04/07/21 13:00	04/07/21 19:08	85-01-8	
Phenol	ND	ug/kg	446	199	1	04/07/21 13:00	04/07/21 19:08	108-95-2	
Pyrene	ND	ug/kg	446	181	1	04/07/21 13:00	04/07/21 19:08	129-00-0	
Pyridine	ND	ug/kg	446	141	1	04/07/21 13:00	04/07/21 19:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	446	204	1	04/07/21 13:00	04/07/21 19:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	446	184	1	04/07/21 13:00	04/07/21 19:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/07/21 13:00	04/07/21 19:08	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/07/21 13:00	04/07/21 19:08	321-60-8	
Terphenyl-d14 (S)	50	%	15-130		1	04/07/21 13:00	04/07/21 19:08	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 19:08	13127-88-3	
2-Fluorophenol (S)	58	%	18-130		1	04/07/21 13:00	04/07/21 19:08	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 19:08	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	147	47.2	1	04/05/21 14:44	04/05/21 23:04	67-64-1	
Benzene	ND	ug/kg	7.4	2.9	1	04/05/21 14:44	04/05/21 23:04	71-43-2	
Bromobenzene	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	2.2	1	04/05/21 14:44	04/05/21 23:04	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	75-27-4	
Bromoform	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	75-25-2	
Bromomethane	ND	ug/kg	14.7	11.6	1	04/05/21 14:44	04/05/21 23:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	147	35.3	1	04/05/21 14:44	04/05/21 23:04	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	3.5	1	04/05/21 14:44	04/05/21 23:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	3.2	1	04/05/21 14:44	04/05/21 23:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1.4	1	04/05/21 14:44	04/05/21 23:04	108-90-7	
Chloroethane	ND	ug/kg	14.7	5.7	1	04/05/21 14:44	04/05/21 23:04	75-00-3	
Chloroform	ND	ug/kg	7.4	4.5	1	04/05/21 14:44	04/05/21 23:04	67-66-3	
Chloromethane	ND	ug/kg	14.7	6.2	1	04/05/21 14:44	04/05/21 23:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1.3	1	04/05/21 14:44	04/05/21 23:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	2.9	1	04/05/21 14:44	04/05/21 23:04	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	4.1	1	04/05/21 14:44	04/05/21 23:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	3.2	1	04/05/21 14:44	04/05/21 23:04	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1.6	1	04/05/21 14:44	04/05/21 23:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.7	3.2	1	04/05/21 14:44	04/05/21 23:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	3.0	1	04/05/21 14:44	04/05/21 23:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	4.9	1	04/05/21 14:44	04/05/21 23:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	3.0	1	04/05/21 14:44	04/05/21 23:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	2.2	1	04/05/21 14:44	04/05/21 23:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	3.5	1	04/05/21 14:44	04/05/21 23:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	3.4	1	04/05/21 14:44	04/05/21 23:04	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	14.7	12.0	1	04/05/21 14:44	04/05/21 23:04	87-68-3	
2-Hexanone	ND	ug/kg	73.6	7.1	1	04/05/21 14:44	04/05/21 23:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	3.6	1	04/05/21 14:44	04/05/21 23:04	99-87-6	
Methylene Chloride	ND	ug/kg	29.4	20.2	1	04/05/21 14:44	04/05/21 23:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	73.6	7.1	1	04/05/21 14:44	04/05/21 23:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	1634-04-4	
Naphthalene	**9.5**	ug/kg	7.4	3.9	1	04/05/21 14:44	04/05/21 23:04	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	103-65-1	
Styrene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	127-18-4	
Toluene	**3.8J**	ug/kg	7.4	2.1	1	04/05/21 14:44	04/05/21 23:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	5.9	1	04/05/21 14:44	04/05/21 23:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	6.2	1	04/05/21 14:44	04/05/21 23:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	3.8	1	04/05/21 14:44	04/05/21 23:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	79-00-5	
Trichloroethene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	4.0	1	04/05/21 14:44	04/05/21 23:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	3.7	1	04/05/21 14:44	04/05/21 23:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	108-67-8	
Vinyl acetate	ND	ug/kg	73.6	5.4	1	04/05/21 14:44	04/05/21 23:04	108-05-4	
Vinyl chloride	ND	ug/kg	14.7	3.7	1	04/05/21 14:44	04/05/21 23:04	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	4.2	1	04/05/21 14:44	04/05/21 23:04	1330-20-7	
m&p-Xylene	ND	ug/kg	14.7	5.0	1	04/05/21 14:44	04/05/21 23:04	179601-23-1	
o-Xylene	ND	ug/kg	7.4	3.3	1	04/05/21 14:44	04/05/21 23:04	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 23:04	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 23:04	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	04/05/21 14:44	04/05/21 23:04	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**26.0**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	458	168	5	04/07/21 12:56	04/07/21 21:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	458	177	5	04/07/21 12:56	04/07/21 21:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	458	160	5	04/07/21 12:56	04/07/21 21:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	458	86.3	5	04/07/21 12:56	04/07/21 21:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	458	114	5	04/07/21 12:56	04/07/21 21:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	458	86.2	5	04/07/21 12:56	04/07/21 21:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	458	110	5	04/07/21 12:56	04/07/21 21:07	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	50	%	10-160		5	04/07/21 12:56	04/07/21 21:07	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**536**	ug/kg	28.2	2.9	1	04/07/21 12:58	04/08/21 09:54	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	47	%	31-130		1	04/07/21 12:58	04/08/21 09:54	321-60-8	
Nitrobenzene-d5 (S)	74	%	32-130		1	04/07/21 12:58	04/08/21 09:54	4165-60-0	
Terphenyl-d14 (S)	61	%	24-130		1	04/07/21 12:58	04/08/21 09:54	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	83-32-9	
Acenaphthylene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	208-96-8	
Aniline	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	62-53-3	
Anthracene	**309J**	ug/kg	935	306	1	04/07/21 13:00	04/07/21 19:39	120-12-7	
Benzo(a)anthracene	**1030**	ug/kg	935	312	1	04/07/21 13:00	04/07/21 19:39	56-55-3	
Benzo(b)fluoranthene	**1150**	ug/kg	935	312	1	04/07/21 13:00	04/07/21 19:39	205-99-2	
Benzo(g,h,i)perylene	**511J**	ug/kg	935	363	1	04/07/21 13:00	04/07/21 19:39	191-24-2	
Benzo(k)fluoranthene	**512J**	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	207-08-9	
Benzoic Acid	ND	ug/kg	4670	2010	1	04/07/21 13:00	04/07/21 19:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1870	708	1	04/07/21 13:00	04/07/21 19:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	935	394	1	04/07/21 13:00	04/07/21 19:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1870	657	1	04/07/21 13:00	04/07/21 19:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1870	734	1	04/07/21 13:00	04/07/21 19:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	935	388	1	04/07/21 13:00	04/07/21 19:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	935	371	1	04/07/21 13:00	04/07/21 19:39	91-58-7	
2-Chlorophenol	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	935	348	1	04/07/21 13:00	04/07/21 19:39	7005-72-3	
Chrysene	**945**	ug/kg	935	340	1	04/07/21 13:00	04/07/21 19:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	53-70-3	
Dibenzofuran	ND	ug/kg	935	337	1	04/07/21 13:00	04/07/21 19:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1870	632	1	04/07/21 13:00	04/07/21 19:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	935	343	1	04/07/21 13:00	04/07/21 19:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	935	388	1	04/07/21 13:00	04/07/21 19:39	105-67-9	
Dimethylphthalate	ND	ug/kg	935	340	1	04/07/21 13:00	04/07/21 19:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	935	314	1	04/07/21 13:00	04/07/21 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1870	872	1	04/07/21 13:00	04/07/21 19:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4670	2890	1	04/07/21 13:00	04/07/21 19:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	935	343	1	04/07/21 13:00	04/07/21 19:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	935	368	1	04/07/21 13:00	04/07/21 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	935	363	1	04/07/21 13:00	04/07/21 19:39	117-81-7	
Fluoranthene	**2010**	ug/kg	935	320	1	04/07/21 13:00	04/07/21 19:39	206-44-0	
Fluorene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	935	535	1	04/07/21 13:00	04/07/21 19:39	77-47-4	
Hexachloroethane	ND	ug/kg	935	357	1	04/07/21 13:00	04/07/21 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**504J**	ug/kg	935	368	1	04/07/21 13:00	04/07/21 19:39	193-39-5	
Isophorone	ND	ug/kg	935	416	1	04/07/21 13:00	04/07/21 19:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	935	374	1	04/07/21 13:00	04/07/21 19:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	935	382	1	04/07/21 13:00	04/07/21 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	935	377	1	04/07/21 13:00	04/07/21 19:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	4670	765	1	04/07/21 13:00	04/07/21 19:39	88-74-4	
3-Nitroaniline	ND	ug/kg	4670	734	1	04/07/21 13:00	04/07/21 19:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1870	711	1	04/07/21 13:00	04/07/21 19:39	100-01-6	
Nitrobenzene	ND	ug/kg	935	433	1	04/07/21 13:00	04/07/21 19:39	98-95-3	
2-Nitrophenol	ND	ug/kg	935	405	1	04/07/21 13:00	04/07/21 19:39	88-75-5	
4-Nitrophenol	ND	ug/kg	4670	1810	1	04/07/21 13:00	04/07/21 19:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	935	314	1	04/07/21 13:00	04/07/21 19:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	935	331	1	04/07/21 13:00	04/07/21 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	935	445	1	04/07/21 13:00	04/07/21 19:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1870	915	1	04/07/21 13:00	04/07/21 19:39	87-86-5	
Phenanthrene	**572J**	ug/kg	935	306	1	04/07/21 13:00	04/07/21 19:39	85-01-8	
Phenol	ND	ug/kg	935	416	1	04/07/21 13:00	04/07/21 19:39	108-95-2	
Pyrene	**1770**	ug/kg	935	380	1	04/07/21 13:00	04/07/21 19:39	129-00-0	
Pyridine	ND	ug/kg	935	295	1	04/07/21 13:00	04/07/21 19:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	935	428	1	04/07/21 13:00	04/07/21 19:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	935	385	1	04/07/21 13:00	04/07/21 19:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	04/07/21 13:00	04/07/21 19:39	4165-60-0	
2-Fluorobiphenyl (S)	32	%	19-130		1	04/07/21 13:00	04/07/21 19:39	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	04/07/21 13:00	04/07/21 19:39	1718-51-0	
Phenol-d6 (S)	65	%	18-130		1	04/07/21 13:00	04/07/21 19:39	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 19:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	56	%	18-130		1	04/07/21 13:00	04/07/21 19:39	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**586J**	ug/kg	660	212	1	04/05/21 14:44	04/05/21 23:22	67-64-1	
Benzene	**174**	ug/kg	33.0	13.1	1	04/05/21 14:44	04/05/21 23:22	71-43-2	
Bromobenzene	ND	ug/kg	33.0	10.8	1	04/05/21 14:44	04/05/21 23:22	108-86-1	
Bromochloromethane	ND	ug/kg	33.0	9.8	1	04/05/21 14:44	04/05/21 23:22	74-97-5	
Bromodichloromethane	ND	ug/kg	33.0	12.7	1	04/05/21 14:44	04/05/21 23:22	75-27-4	
Bromoform	ND	ug/kg	33.0	11.6	1	04/05/21 14:44	04/05/21 23:22	75-25-2	
Bromomethane	ND	ug/kg	66.0	52.2	1	04/05/21 14:44	04/05/21 23:22	74-83-9	
2-Butanone (MEK)	**278J**	ug/kg	660	158	1	04/05/21 14:44	04/05/21 23:22	78-93-3	
n-Butylbenzene	ND	ug/kg	33.0	15.6	1	04/05/21 14:44	04/05/21 23:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	33.0	14.5	1	04/05/21 14:44	04/05/21 23:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	33.0	11.8	1	04/05/21 14:44	04/05/21 23:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	33.0	12.3	1	04/05/21 14:44	04/05/21 23:22	56-23-5	
Chlorobenzene	ND	ug/kg	33.0	6.3	1	04/05/21 14:44	04/05/21 23:22	108-90-7	
Chloroethane	ND	ug/kg	66.0	25.5	1	04/05/21 14:44	04/05/21 23:22	75-00-3	
Chloroform	ND	ug/kg	33.0	20.1	1	04/05/21 14:44	04/05/21 23:22	67-66-3	
Chloromethane	ND	ug/kg	66.0	27.7	1	04/05/21 14:44	04/05/21 23:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	33.0	11.7	1	04/05/21 14:44	04/05/21 23:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	33.0	5.8	1	04/05/21 14:44	04/05/21 23:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	33.0	12.8	1	04/05/21 14:44	04/05/21 23:22	96-12-8	
Dibromochloromethane	ND	ug/kg	33.0	18.6	1	04/05/21 14:44	04/05/21 23:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	33.0	14.5	1	04/05/21 14:44	04/05/21 23:22	106-93-4	
Dibromomethane	ND	ug/kg	33.0	7.1	1	04/05/21 14:44	04/05/21 23:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	33.0	11.9	1	04/05/21 14:44	04/05/21 23:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	33.0	10.2	1	04/05/21 14:44	04/05/21 23:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	33.0	8.6	1	04/05/21 14:44	04/05/21 23:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	66.0	14.3	1	04/05/21 14:44	04/05/21 23:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	33.0	13.6	1	04/05/21 14:44	04/05/21 23:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	33.0	21.9	1	04/05/21 14:44	04/05/21 23:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	33.0	13.6	1	04/05/21 14:44	04/05/21 23:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	33.0	11.3	1	04/05/21 14:44	04/05/21 23:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	33.0	11.6	1	04/05/21 14:44	04/05/21 23:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	33.0	9.9	1	04/05/21 14:44	04/05/21 23:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	33.0	10.3	1	04/05/21 14:44	04/05/21 23:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	33.0	10.8	1	04/05/21 14:44	04/05/21 23:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	33.0	15.8	1	04/05/21 14:44	04/05/21 23:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	33.0	9.0	1	04/05/21 14:44	04/05/21 23:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	33.0	11.4	1	04/05/21 14:44	04/05/21 23:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	33.0	8.9	1	04/05/21 14:44	04/05/21 23:22	108-20-3	
Ethylbenzene	**70.3**	ug/kg	33.0	15.4	1	04/05/21 14:44	04/05/21 23:22	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	66.0	54.0	1	04/05/21 14:44	04/05/21 23:22	87-68-3	
2-Hexanone	ND	ug/kg	330	31.8	1	04/05/21 14:44	04/05/21 23:22	591-78-6	
Isopropylbenzene (Cumene)	**20.6J**	ug/kg	33.0	11.2	1	04/05/21 14:44	04/05/21 23:22	98-82-8	
p-Isopropyltoluene	**37.6**	ug/kg	33.0	16.2	1	04/05/21 14:44	04/05/21 23:22	99-87-6	
Methylene Chloride	ND	ug/kg	132	90.5	1	04/05/21 14:44	04/05/21 23:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	330	31.8	1	04/05/21 14:44	04/05/21 23:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	33.0	12.3	1	04/05/21 14:44	04/05/21 23:22	1634-04-4	
Naphthalene	**3350**	ug/kg	33.0	17.4	1	04/05/21 14:44	04/05/21 23:22	91-20-3	
n-Propylbenzene	**19.0J**	ug/kg	33.0	11.8	1	04/05/21 14:44	04/05/21 23:22	103-65-1	
Styrene	ND	ug/kg	33.0	8.7	1	04/05/21 14:44	04/05/21 23:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	33.0	12.7	1	04/05/21 14:44	04/05/21 23:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	33.0	8.7	1	04/05/21 14:44	04/05/21 23:22	79-34-5	
Tetrachloroethene	ND	ug/kg	33.0	10.4	1	04/05/21 14:44	04/05/21 23:22	127-18-4	
Toluene	**391**	ug/kg	33.0	9.4	1	04/05/21 14:44	04/05/21 23:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	33.0	26.7	1	04/05/21 14:44	04/05/21 23:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	33.0	27.7	1	04/05/21 14:44	04/05/21 23:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	33.0	17.2	1	04/05/21 14:44	04/05/21 23:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	33.0	11.0	1	04/05/21 14:44	04/05/21 23:22	79-00-5	
Trichloroethene	ND	ug/kg	33.0	8.5	1	04/05/21 14:44	04/05/21 23:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	33.0	18.2	1	04/05/21 14:44	04/05/21 23:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	33.0	16.7	1	04/05/21 14:44	04/05/21 23:22	96-18-4	
1,2,4-Trimethylbenzene	**109**	ug/kg	33.0	9.0	1	04/05/21 14:44	04/05/21 23:22	95-63-6	
1,3,5-Trimethylbenzene	**53.6**	ug/kg	33.0	11.1	1	04/05/21 14:44	04/05/21 23:22	108-67-8	
Vinyl acetate	ND	ug/kg	330	24.0	1	04/05/21 14:44	04/05/21 23:22	108-05-4	
Vinyl chloride	ND	ug/kg	66.0	16.8	1	04/05/21 14:44	04/05/21 23:22	75-01-4	
Xylene (Total)	**454**	ug/kg	66.0	18.8	1	04/05/21 14:44	04/05/21 23:22	1330-20-7	
m&p-Xylene	**347**	ug/kg	66.0	22.6	1	04/05/21 14:44	04/05/21 23:22	179601-23-1	
o-Xylene	**107**	ug/kg	33.0	14.6	1	04/05/21 14:44	04/05/21 23:22	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 23:22	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:22	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 23:22	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**64.2**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.9	18.3	1	04/07/21 12:56	04/07/21 19:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.9	19.2	1	04/07/21 12:56	04/07/21 19:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.9	17.5	1	04/07/21 12:56	04/07/21 19:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.9	9.4	1	04/07/21 12:56	04/07/21 19:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.9	12.5	1	04/07/21 12:56	04/07/21 19:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.9	9.4	1	04/07/21 12:56	04/07/21 19:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.9	11.9	1	04/07/21 12:56	04/07/21 19:13	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	61	%	10-160		1	04/07/21 12:56	04/07/21 19:13	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**48.9**	ug/kg	15.1	1.6	1	04/07/21 12:58	04/08/21 10:14	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	66	%	31-130		1	04/07/21 12:58	04/08/21 10:14	321-60-8	
Nitrobenzene-d5 (S)	92	%	32-130		1	04/07/21 12:58	04/08/21 10:14	4165-60-0	
Terphenyl-d14 (S)	72	%	24-130		1	04/07/21 12:58	04/08/21 10:14	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	83-32-9	
Acenaphthylene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	208-96-8	
Aniline	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	62-53-3	
Anthracene	ND	ug/kg	499	163	1	04/07/21 13:00	04/07/21 20:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	499	166	1	04/07/21 13:00	04/07/21 20:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	499	166	1	04/07/21 13:00	04/07/21 20:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	499	193	1	04/07/21 13:00	04/07/21 20:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	207-08-9	
Benzoic Acid	ND	ug/kg	2490	1070	1	04/07/21 13:00	04/07/21 20:09	65-85-0	
Benzyl alcohol	ND	ug/kg	998	378	1	04/07/21 13:00	04/07/21 20:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	499	210	1	04/07/21 13:00	04/07/21 20:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	998	351	1	04/07/21 13:00	04/07/21 20:09	59-50-7	
4-Chloroaniline	ND	ug/kg	998	392	1	04/07/21 13:00	04/07/21 20:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	499	207	1	04/07/21 13:00	04/07/21 20:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	499	198	1	04/07/21 13:00	04/07/21 20:09	91-58-7	
2-Chlorophenol	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	499	186	1	04/07/21 13:00	04/07/21 20:09	7005-72-3	
Chrysene	ND	ug/kg	499	181	1	04/07/21 13:00	04/07/21 20:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	53-70-3	
Dibenzofuran	ND	ug/kg	499	180	1	04/07/21 13:00	04/07/21 20:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	998	337	1	04/07/21 13:00	04/07/21 20:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	499	183	1	04/07/21 13:00	04/07/21 20:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	499	207	1	04/07/21 13:00	04/07/21 20:09	105-67-9	
Dimethylphthalate	ND	ug/kg	499	181	1	04/07/21 13:00	04/07/21 20:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	499	168	1	04/07/21 13:00	04/07/21 20:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	998	466	1	04/07/21 13:00	04/07/21 20:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2490	1540	1	04/07/21 13:00	04/07/21 20:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	499	183	1	04/07/21 13:00	04/07/21 20:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	499	197	1	04/07/21 13:00	04/07/21 20:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	499	193	1	04/07/21 13:00	04/07/21 20:09	117-81-7	
Fluoranthene	**262J**	ug/kg	499	171	1	04/07/21 13:00	04/07/21 20:09	206-44-0	
Fluorene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	499	286	1	04/07/21 13:00	04/07/21 20:09	77-47-4	
Hexachloroethane	ND	ug/kg	499	190	1	04/07/21 13:00	04/07/21 20:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	499	197	1	04/07/21 13:00	04/07/21 20:09	193-39-5	
Isophorone	ND	ug/kg	499	222	1	04/07/21 13:00	04/07/21 20:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	499	200	1	04/07/21 13:00	04/07/21 20:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	499	204	1	04/07/21 13:00	04/07/21 20:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	499	201	1	04/07/21 13:00	04/07/21 20:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2490	408	1	04/07/21 13:00	04/07/21 20:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2490	392	1	04/07/21 13:00	04/07/21 20:09	99-09-2	
4-Nitroaniline	ND	ug/kg	998	379	1	04/07/21 13:00	04/07/21 20:09	100-01-6	
Nitrobenzene	ND	ug/kg	499	231	1	04/07/21 13:00	04/07/21 20:09	98-95-3	
2-Nitrophenol	ND	ug/kg	499	216	1	04/07/21 13:00	04/07/21 20:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2490	964	1	04/07/21 13:00	04/07/21 20:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	499	168	1	04/07/21 13:00	04/07/21 20:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	499	177	1	04/07/21 13:00	04/07/21 20:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	499	237	1	04/07/21 13:00	04/07/21 20:09	108-60-1	
Pentachlorophenol	ND	ug/kg	998	488	1	04/07/21 13:00	04/07/21 20:09	87-86-5	
Phenanthrene	**174J**	ug/kg	499	163	1	04/07/21 13:00	04/07/21 20:09	85-01-8	
Phenol	ND	ug/kg	499	222	1	04/07/21 13:00	04/07/21 20:09	108-95-2	
Pyrene	**229J**	ug/kg	499	203	1	04/07/21 13:00	04/07/21 20:09	129-00-0	
Pyridine	ND	ug/kg	499	157	1	04/07/21 13:00	04/07/21 20:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	499	228	1	04/07/21 13:00	04/07/21 20:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	499	206	1	04/07/21 13:00	04/07/21 20:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	04/07/21 13:00	04/07/21 20:09	4165-60-0	
2-Fluorobiphenyl (S)	55	%	19-130		1	04/07/21 13:00	04/07/21 20:09	321-60-8	
Terphenyl-d14 (S)	52	%	15-130		1	04/07/21 13:00	04/07/21 20:09	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	04/07/21 13:00	04/07/21 20:09	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/07/21 13:00	04/07/21 20:09	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	71	%	18-130		1	04/07/21 13:00	04/07/21 20:09	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	198	63.6	1	04/05/21 14:44	04/05/21 23:40	67-64-1	
Benzene	ND	ug/kg	9.9	3.9	1	04/05/21 14:44	04/05/21 23:40	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/05/21 23:40	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/05/21 14:44	04/05/21 23:40	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	75-25-2	
Bromomethane	ND	ug/kg	19.8	15.7	1	04/05/21 14:44	04/05/21 23:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	198	47.6	1	04/05/21 14:44	04/05/21 23:40	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/05/21 14:44	04/05/21 23:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/05/21 23:40	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/05/21 14:44	04/05/21 23:40	108-90-7	
Chloroethane	ND	ug/kg	19.8	7.6	1	04/05/21 14:44	04/05/21 23:40	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/05/21 14:44	04/05/21 23:40	67-66-3	
Chloromethane	ND	ug/kg	19.8	8.3	1	04/05/21 14:44	04/05/21 23:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/05/21 14:44	04/05/21 23:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/05/21 14:44	04/05/21 23:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/05/21 14:44	04/05/21 23:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/05/21 14:44	04/05/21 23:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.8	4.3	1	04/05/21 14:44	04/05/21 23:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/05/21 23:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/05/21 14:44	04/05/21 23:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/05/21 23:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/05/21 14:44	04/05/21 23:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/05/21 23:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/05/21 14:44	04/05/21 23:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/05/21 14:44	04/05/21 23:40	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.8	16.2	1	04/05/21 14:44	04/05/21 23:40	87-68-3	
2-Hexanone	ND	ug/kg	99.1	9.6	1	04/05/21 14:44	04/05/21 23:40	591-78-6	
Isopropylbenzene (Cumene)	**7.1J**	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.9	4.9	1	04/05/21 14:44	04/05/21 23:40	99-87-6	
Methylene Chloride	ND	ug/kg	39.6	27.1	1	04/05/21 14:44	04/05/21 23:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.1	9.6	1	04/05/21 14:44	04/05/21 23:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/05/21 23:40	1634-04-4	
Naphthalene	**250**	ug/kg	9.9	5.2	1	04/05/21 14:44	04/05/21 23:40	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/05/21 14:44	04/05/21 23:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/05/21 14:44	04/05/21 23:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/05/21 14:44	04/05/21 23:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/05/21 23:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/05/21 23:40	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.4	1	04/05/21 14:44	04/05/21 23:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/05/21 14:44	04/05/21 23:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/05/21 23:40	108-67-8	
Vinyl acetate	ND	ug/kg	99.1	7.2	1	04/05/21 14:44	04/05/21 23:40	108-05-4	
Vinyl chloride	ND	ug/kg	19.8	5.0	1	04/05/21 14:44	04/05/21 23:40	75-01-4	
Xylene (Total)	**6.9J**	ug/kg	19.8	5.6	1	04/05/21 14:44	04/05/21 23:40	1330-20-7	
m&p-Xylene	**6.9J**	ug/kg	19.8	6.8	1	04/05/21 14:44	04/05/21 23:40	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 23:40	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:40	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-130		1	04/05/21 14:44	04/05/21 23:40	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**33.0**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.5	17.7	1	04/07/21 12:56	04/07/21 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.5	18.7	1	04/07/21 12:56	04/07/21 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.5	17.0	1	04/07/21 12:56	04/07/21 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.5	12.1	1	04/07/21 12:56	04/07/21 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.5	11.6	1	04/07/21 12:56	04/07/21 19:27	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	38	%	10-160		1	04/07/21 12:56	04/07/21 19:27	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**8.5J**	ug/kg	14.3	1.5	1	04/07/21 12:58	04/08/21 10:34	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	70	%	31-130		1	04/07/21 12:58	04/08/21 10:34	321-60-8	
Nitrobenzene-d5 (S)	94	%	32-130		1	04/07/21 12:58	04/08/21 10:34	4165-60-0	
Terphenyl-d14 (S)	107	%	24-130		1	04/07/21 12:58	04/08/21 10:34	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	83-32-9	
Acenaphthylene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	208-96-8	
Aniline	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	62-53-3	
Anthracene	ND	ug/kg	473	155	1	04/07/21 13:00	04/07/21 20:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	473	158	1	04/07/21 13:00	04/07/21 20:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	473	158	1	04/07/21 13:00	04/07/21 20:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	473	184	1	04/07/21 13:00	04/07/21 20:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	207-08-9	
Benzoic Acid	ND	ug/kg	2370	1020	1	04/07/21 13:00	04/07/21 20:39	65-85-0	
Benzyl alcohol	ND	ug/kg	947	359	1	04/07/21 13:00	04/07/21 20:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	473	199	1	04/07/21 13:00	04/07/21 20:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	947	333	1	04/07/21 13:00	04/07/21 20:39	59-50-7	
4-Chloroaniline	ND	ug/kg	947	372	1	04/07/21 13:00	04/07/21 20:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	473	197	1	04/07/21 13:00	04/07/21 20:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	473	188	1	04/07/21 13:00	04/07/21 20:39	91-58-7	
2-Chlorophenol	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	473	176	1	04/07/21 13:00	04/07/21 20:39	7005-72-3	
Chrysene	ND	ug/kg	473	172	1	04/07/21 13:00	04/07/21 20:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	53-70-3	
Dibenzofuran	ND	ug/kg	473	171	1	04/07/21 13:00	04/07/21 20:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	947	320	1	04/07/21 13:00	04/07/21 20:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	473	174	1	04/07/21 13:00	04/07/21 20:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	473	197	1	04/07/21 13:00	04/07/21 20:39	105-67-9	
Dimethylphthalate	ND	ug/kg	473	172	1	04/07/21 13:00	04/07/21 20:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	473	159	1	04/07/21 13:00	04/07/21 20:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	947	442	1	04/07/21 13:00	04/07/21 20:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2370	1460	1	04/07/21 13:00	04/07/21 20:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	473	174	1	04/07/21 13:00	04/07/21 20:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	473	187	1	04/07/21 13:00	04/07/21 20:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	473	184	1	04/07/21 13:00	04/07/21 20:39	117-81-7	
Fluoranthene	ND	ug/kg	473	162	1	04/07/21 13:00	04/07/21 20:39	206-44-0	
Fluorene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	473	271	1	04/07/21 13:00	04/07/21 20:39	77-47-4	
Hexachloroethane	ND	ug/kg	473	181	1	04/07/21 13:00	04/07/21 20:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	473	187	1	04/07/21 13:00	04/07/21 20:39	193-39-5	
Isophorone	ND	ug/kg	473	211	1	04/07/21 13:00	04/07/21 20:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	473	189	1	04/07/21 13:00	04/07/21 20:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	473	194	1	04/07/21 13:00	04/07/21 20:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	473	191	1	04/07/21 13:00	04/07/21 20:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2370	387	1	04/07/21 13:00	04/07/21 20:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2370	372	1	04/07/21 13:00	04/07/21 20:39	99-09-2	
4-Nitroaniline	ND	ug/kg	947	360	1	04/07/21 13:00	04/07/21 20:39	100-01-6	
Nitrobenzene	ND	ug/kg	473	220	1	04/07/21 13:00	04/07/21 20:39	98-95-3	
2-Nitrophenol	ND	ug/kg	473	205	1	04/07/21 13:00	04/07/21 20:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2370	915	1	04/07/21 13:00	04/07/21 20:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	473	159	1	04/07/21 13:00	04/07/21 20:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	473	168	1	04/07/21 13:00	04/07/21 20:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	473	225	1	04/07/21 13:00	04/07/21 20:39	108-60-1	
Pentachlorophenol	ND	ug/kg	947	463	1	04/07/21 13:00	04/07/21 20:39	87-86-5	
Phenanthrene	ND	ug/kg	473	155	1	04/07/21 13:00	04/07/21 20:39	85-01-8	
Phenol	ND	ug/kg	473	211	1	04/07/21 13:00	04/07/21 20:39	108-95-2	
Pyrene	ND	ug/kg	473	192	1	04/07/21 13:00	04/07/21 20:39	129-00-0	
Pyridine	ND	ug/kg	473	149	1	04/07/21 13:00	04/07/21 20:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	473	217	1	04/07/21 13:00	04/07/21 20:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	473	195	1	04/07/21 13:00	04/07/21 20:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 13:00	04/07/21 20:39	4165-60-0	
2-Fluorobiphenyl (S)	45	%	19-130		1	04/07/21 13:00	04/07/21 20:39	321-60-8	
Terphenyl-d14 (S)	55	%	15-130		1	04/07/21 13:00	04/07/21 20:39	1718-51-0	
Phenol-d6 (S)	62	%	18-130		1	04/07/21 13:00	04/07/21 20:39	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 20:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/07/21 13:00	04/07/21 20:39	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	112	36.0	1	04/05/21 14:44	04/05/21 23:58	67-64-1	
Benzene	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	75-27-4	
Bromoform	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	75-25-2	
Bromomethane	ND	ug/kg	11.2	8.9	1	04/05/21 14:44	04/05/21 23:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	112	26.9	1	04/05/21 14:44	04/05/21 23:58	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.6	1	04/05/21 14:44	04/05/21 23:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.1	1	04/05/21 14:44	04/05/21 23:58	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1.1	1	04/05/21 14:44	04/05/21 23:58	108-90-7	
Chloroethane	ND	ug/kg	11.2	4.3	1	04/05/21 14:44	04/05/21 23:58	75-00-3	
Chloroform	ND	ug/kg	5.6	3.4	1	04/05/21 14:44	04/05/21 23:58	67-66-3	
Chloromethane	ND	ug/kg	11.2	4.7	1	04/05/21 14:44	04/05/21 23:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	0.99	1	04/05/21 14:44	04/05/21 23:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	3.1	1	04/05/21 14:44	04/05/21 23:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1.2	1	04/05/21 14:44	04/05/21 23:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	2.4	1	04/05/21 14:44	04/05/21 23:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	2.3	1	04/05/21 14:44	04/05/21 23:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	3.7	1	04/05/21 14:44	04/05/21 23:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	2.3	1	04/05/21 14:44	04/05/21 23:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	2.7	1	04/05/21 14:44	04/05/21 23:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.6	1	04/05/21 14:44	04/05/21 23:58	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	11.2	9.2	1	04/05/21 14:44	04/05/21 23:58	87-68-3	
2-Hexanone	ND	ug/kg	56.0	5.4	1	04/05/21 14:44	04/05/21 23:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	2.8	1	04/05/21 14:44	04/05/21 23:58	99-87-6	
Methylene Chloride	ND	ug/kg	22.4	15.4	1	04/05/21 14:44	04/05/21 23:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.0	5.4	1	04/05/21 14:44	04/05/21 23:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	2.1	1	04/05/21 14:44	04/05/21 23:58	1634-04-4	
Naphthalene	ND	ug/kg	5.6	2.9	1	04/05/21 14:44	04/05/21 23:58	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	103-65-1	
Styrene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	127-18-4	
Toluene	ND	ug/kg	5.6	1.6	1	04/05/21 14:44	04/05/21 23:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	4.5	1	04/05/21 14:44	04/05/21 23:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	4.7	1	04/05/21 14:44	04/05/21 23:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	2.9	1	04/05/21 14:44	04/05/21 23:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1.4	1	04/05/21 14:44	04/05/21 23:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	3.1	1	04/05/21 14:44	04/05/21 23:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	2.8	1	04/05/21 14:44	04/05/21 23:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	108-67-8	
Vinyl acetate	ND	ug/kg	56.0	4.1	1	04/05/21 14:44	04/05/21 23:58	108-05-4	
Vinyl chloride	ND	ug/kg	11.2	2.8	1	04/05/21 14:44	04/05/21 23:58	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	3.2	1	04/05/21 14:44	04/05/21 23:58	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	3.8	1	04/05/21 14:44	04/05/21 23:58	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 23:58	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:58	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/05/21 14:44	04/05/21 23:58	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**31.2**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.4	18.8	1	04/07/21 12:56	04/07/21 19:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.4	19.8	1	04/07/21 12:56	04/07/21 19:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.4	18.0	1	04/07/21 12:56	04/07/21 19:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 19:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.4	12.8	1	04/07/21 12:56	04/07/21 19:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 19:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.4	12.3	1	04/07/21 12:56	04/07/21 19:42	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	29	%	10-160		1	04/07/21 12:56	04/07/21 19:42	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**50.7**	ug/kg	15.7	1.6	1	04/07/21 12:58	04/08/21 10:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	74	%	31-130		1	04/07/21 12:58	04/08/21 10:55	321-60-8	
Nitrobenzene-d5 (S)	89	%	32-130		1	04/07/21 12:58	04/08/21 10:55	4165-60-0	
Terphenyl-d14 (S)	104	%	24-130		1	04/07/21 12:58	04/08/21 10:55	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	83-32-9	
Acenaphthylene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	208-96-8	
Aniline	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	62-53-3	
Anthracene	ND	ug/kg	514	168	1	04/07/21 13:00	04/07/21 21:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	514	171	1	04/07/21 13:00	04/07/21 21:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	514	171	1	04/07/21 13:00	04/07/21 21:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	514	199	1	04/07/21 13:00	04/07/21 21:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	207-08-9	
Benzoic Acid	ND	ug/kg	2570	1100	1	04/07/21 13:00	04/07/21 21:09	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	390	1	04/07/21 13:00	04/07/21 21:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	514	217	1	04/07/21 13:00	04/07/21 21:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	361	1	04/07/21 13:00	04/07/21 21:09	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	404	1	04/07/21 13:00	04/07/21 21:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	514	213	1	04/07/21 13:00	04/07/21 21:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	514	204	1	04/07/21 13:00	04/07/21 21:09	91-58-7	
2-Chlorophenol	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	514	192	1	04/07/21 13:00	04/07/21 21:09	7005-72-3	
Chrysene	ND	ug/kg	514	187	1	04/07/21 13:00	04/07/21 21:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	53-70-3	
Dibenzofuran	ND	ug/kg	514	185	1	04/07/21 13:00	04/07/21 21:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	347	1	04/07/21 13:00	04/07/21 21:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	514	189	1	04/07/21 13:00	04/07/21 21:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	514	213	1	04/07/21 13:00	04/07/21 21:09	105-67-9	
Dimethylphthalate	ND	ug/kg	514	187	1	04/07/21 13:00	04/07/21 21:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	514	173	1	04/07/21 13:00	04/07/21 21:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	480	1	04/07/21 13:00	04/07/21 21:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2570	1590	1	04/07/21 13:00	04/07/21 21:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	514	189	1	04/07/21 13:00	04/07/21 21:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	514	203	1	04/07/21 13:00	04/07/21 21:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	514	199	1	04/07/21 13:00	04/07/21 21:09	117-81-7	
Fluoranthene	ND	ug/kg	514	176	1	04/07/21 13:00	04/07/21 21:09	206-44-0	
Fluorene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	514	294	1	04/07/21 13:00	04/07/21 21:09	77-47-4	
Hexachloroethane	ND	ug/kg	514	196	1	04/07/21 13:00	04/07/21 21:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	514	203	1	04/07/21 13:00	04/07/21 21:09	193-39-5	
Isophorone	ND	ug/kg	514	229	1	04/07/21 13:00	04/07/21 21:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	514	206	1	04/07/21 13:00	04/07/21 21:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	514	210	1	04/07/21 13:00	04/07/21 21:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	514	207	1	04/07/21 13:00	04/07/21 21:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2570	421	1	04/07/21 13:00	04/07/21 21:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2570	404	1	04/07/21 13:00	04/07/21 21:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	391	1	04/07/21 13:00	04/07/21 21:09	100-01-6	
Nitrobenzene	ND	ug/kg	514	238	1	04/07/21 13:00	04/07/21 21:09	98-95-3	
2-Nitrophenol	ND	ug/kg	514	223	1	04/07/21 13:00	04/07/21 21:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2570	994	1	04/07/21 13:00	04/07/21 21:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	514	173	1	04/07/21 13:00	04/07/21 21:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	514	182	1	04/07/21 13:00	04/07/21 21:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	514	245	1	04/07/21 13:00	04/07/21 21:09	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	503	1	04/07/21 13:00	04/07/21 21:09	87-86-5	
Phenanthrene	ND	ug/kg	514	168	1	04/07/21 13:00	04/07/21 21:09	85-01-8	
Phenol	ND	ug/kg	514	229	1	04/07/21 13:00	04/07/21 21:09	108-95-2	
Pyrene	ND	ug/kg	514	209	1	04/07/21 13:00	04/07/21 21:09	129-00-0	
Pyridine	ND	ug/kg	514	162	1	04/07/21 13:00	04/07/21 21:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	514	235	1	04/07/21 13:00	04/07/21 21:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	514	212	1	04/07/21 13:00	04/07/21 21:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/07/21 13:00	04/07/21 21:09	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 13:00	04/07/21 21:09	321-60-8	
Terphenyl-d14 (S)	58	%	15-130		1	04/07/21 13:00	04/07/21 21:09	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/07/21 13:00	04/07/21 21:09	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/07/21 13:00	04/07/21 21:09	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 21:09	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	199	63.8	1	04/05/21 14:44	04/06/21 00:16	67-64-1	
Benzene	ND	ug/kg	9.9	4.0	1	04/05/21 14:44	04/06/21 00:16	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/06/21 00:16	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/05/21 14:44	04/06/21 00:16	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/06/21 00:16	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.7	1	04/05/21 14:44	04/06/21 00:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	199	47.7	1	04/05/21 14:44	04/06/21 00:16	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/05/21 14:44	04/06/21 00:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/06/21 00:16	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/05/21 14:44	04/06/21 00:16	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	04/05/21 14:44	04/06/21 00:16	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/05/21 14:44	04/06/21 00:16	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.3	1	04/05/21 14:44	04/06/21 00:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/05/21 14:44	04/06/21 00:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.9	1	04/05/21 14:44	04/06/21 00:16	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/05/21 14:44	04/06/21 00:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/05/21 14:44	04/06/21 00:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/05/21 14:44	04/06/21 00:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	04/05/21 14:44	04/06/21 00:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/06/21 00:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/05/21 14:44	04/06/21 00:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/06/21 00:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/05/21 14:44	04/06/21 00:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/06/21 00:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/05/21 14:44	04/06/21 00:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/05/21 14:44	04/06/21 00:16	100-41-4	

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	04/05/21 14:44	04/06/21 00:16	87-68-3	
2-Hexanone	ND	ug/kg	99.3	9.6	1	04/05/21 14:44	04/06/21 00:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.9	4.9	1	04/05/21 14:44	04/06/21 00:16	99-87-6	
Methylene Chloride	ND	ug/kg	39.7	27.2	1	04/05/21 14:44	04/06/21 00:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.3	9.6	1	04/05/21 14:44	04/06/21 00:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/06/21 00:16	1634-04-4	
Naphthalene	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/06/21 00:16	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/06/21 00:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/05/21 14:44	04/06/21 00:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/05/21 14:44	04/06/21 00:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/05/21 14:44	04/06/21 00:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/06/21 00:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/06/21 00:16	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.5	1	04/05/21 14:44	04/06/21 00:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/05/21 14:44	04/06/21 00:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/06/21 00:16	108-67-8	
Vinyl acetate	ND	ug/kg	99.3	7.2	1	04/05/21 14:44	04/06/21 00:16	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.0	1	04/05/21 14:44	04/06/21 00:16	75-01-4	
Xylene (Total)	ND	ug/kg	19.9	5.7	1	04/05/21 14:44	04/06/21 00:16	1330-20-7	
m&p-Xylene	ND	ug/kg	19.9	6.8	1	04/05/21 14:44	04/06/21 00:16	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/06/21 00:16	2037-26-5	
4-Bromofluorobenzene (S)	105	%	69-134		1	04/05/21 14:44	04/06/21 00:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/06/21 00:16	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**35.6**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	277	101	5	04/07/21 12:56	04/07/21 22:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	277	107	5	04/07/21 12:56	04/07/21 22:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	277	97.0	5	04/07/21 12:56	04/07/21 22:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	277	52.2	5	04/07/21 12:56	04/07/21 22:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	277	69.2	5	04/07/21 12:56	04/07/21 22:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	277	52.1	5	04/07/21 12:56	04/07/21 22:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	277	66.2	5	04/07/21 12:56	04/07/21 22:33	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	72	%	10-160		5	04/07/21 12:56	04/07/21 22:33	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**862**	ug/kg	16.7	1.7	1	04/07/21 12:58	04/08/21 11:15	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	69	%	31-130		1	04/07/21 12:58	04/08/21 11:15	321-60-8	
Nitrobenzene-d5 (S)	94	%	32-130		1	04/07/21 12:58	04/08/21 11:15	4165-60-0	
Terphenyl-d14 (S)	106	%	24-130		1	04/07/21 12:58	04/08/21 11:15	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	83-32-9	
Acenaphthylene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	208-96-8	
Aniline	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	62-53-3	
Anthracene	ND	ug/kg	550	180	1	04/07/21 13:00	04/07/21 21:39	120-12-7	
Benzo(a)anthracene	**546J**	ug/kg	550	183	1	04/07/21 13:00	04/07/21 21:39	56-55-3	
Benzo(b)fluoranthene	**633**	ug/kg	550	183	1	04/07/21 13:00	04/07/21 21:39	205-99-2	
Benzo(g,h,i)perylene	**301J**	ug/kg	550	213	1	04/07/21 13:00	04/07/21 21:39	191-24-2	
Benzo(k)fluoranthene	**287J**	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	207-08-9	
Benzoic Acid	ND	ug/kg	2750	1180	1	04/07/21 13:00	04/07/21 21:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1100	417	1	04/07/21 13:00	04/07/21 21:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	550	232	1	04/07/21 13:00	04/07/21 21:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1100	387	1	04/07/21 13:00	04/07/21 21:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1100	432	1	04/07/21 13:00	04/07/21 21:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	550	228	1	04/07/21 13:00	04/07/21 21:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	550	218	1	04/07/21 13:00	04/07/21 21:39	91-58-7	
2-Chlorophenol	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	550	205	1	04/07/21 13:00	04/07/21 21:39	7005-72-3	
Chrysene	**518J**	ug/kg	550	200	1	04/07/21 13:00	04/07/21 21:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	53-70-3	
Dibenzofuran	ND	ug/kg	550	198	1	04/07/21 13:00	04/07/21 21:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1100	372	1	04/07/21 13:00	04/07/21 21:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	550	202	1	04/07/21 13:00	04/07/21 21:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	550	228	1	04/07/21 13:00	04/07/21 21:39	105-67-9	
Dimethylphthalate	ND	ug/kg	550	200	1	04/07/21 13:00	04/07/21 21:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	550	185	1	04/07/21 13:00	04/07/21 21:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1100	514	1	04/07/21 13:00	04/07/21 21:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2750	1700	1	04/07/21 13:00	04/07/21 21:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	550	202	1	04/07/21 13:00	04/07/21 21:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	550	217	1	04/07/21 13:00	04/07/21 21:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	550	213	1	04/07/21 13:00	04/07/21 21:39	117-81-7	
Fluoranthene	**907**	ug/kg	550	188	1	04/07/21 13:00	04/07/21 21:39	206-44-0	
Fluorene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	550	315	1	04/07/21 13:00	04/07/21 21:39	77-47-4	
Hexachloroethane	ND	ug/kg	550	210	1	04/07/21 13:00	04/07/21 21:39	67-72-1	
Indeno(1,2,3-cd)pyrene	**264J**	ug/kg	550	217	1	04/07/21 13:00	04/07/21 21:39	193-39-5	
Isophorone	ND	ug/kg	550	245	1	04/07/21 13:00	04/07/21 21:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	550	220	1	04/07/21 13:00	04/07/21 21:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	550	225	1	04/07/21 13:00	04/07/21 21:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	550	222	1	04/07/21 13:00	04/07/21 21:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2750	450	1	04/07/21 13:00	04/07/21 21:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2750	432	1	04/07/21 13:00	04/07/21 21:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1100	419	1	04/07/21 13:00	04/07/21 21:39	100-01-6	
Nitrobenzene	ND	ug/kg	550	255	1	04/07/21 13:00	04/07/21 21:39	98-95-3	
2-Nitrophenol	ND	ug/kg	550	239	1	04/07/21 13:00	04/07/21 21:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2750	1060	1	04/07/21 13:00	04/07/21 21:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	550	185	1	04/07/21 13:00	04/07/21 21:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	550	195	1	04/07/21 13:00	04/07/21 21:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	550	262	1	04/07/21 13:00	04/07/21 21:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1100	539	1	04/07/21 13:00	04/07/21 21:39	87-86-5	
Phenanthrene	**301J**	ug/kg	550	180	1	04/07/21 13:00	04/07/21 21:39	85-01-8	
Phenol	ND	ug/kg	550	245	1	04/07/21 13:00	04/07/21 21:39	108-95-2	
Pyrene	**808**	ug/kg	550	223	1	04/07/21 13:00	04/07/21 21:39	129-00-0	
Pyridine	ND	ug/kg	550	173	1	04/07/21 13:00	04/07/21 21:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	550	252	1	04/07/21 13:00	04/07/21 21:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	550	227	1	04/07/21 13:00	04/07/21 21:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	21-130		1	04/07/21 13:00	04/07/21 21:39	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 21:39	321-60-8	
Terphenyl-d14 (S)	52	%	15-130		1	04/07/21 13:00	04/07/21 21:39	1718-51-0	
Phenol-d6 (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 21:39	13127-88-3	
2-Fluorophenol (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 21:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	45	%	18-130		1	04/07/21 13:00	04/07/21 21:39	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**119J**	ug/kg	256	82.3	1	04/05/21 14:44	04/06/21 00:34	67-64-1	
Benzene	**7.2J**	ug/kg	12.8	5.1	1	04/05/21 14:44	04/06/21 00:34	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/05/21 14:44	04/06/21 00:34	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/05/21 14:44	04/06/21 00:34	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/05/21 14:44	04/06/21 00:34	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.3	1	04/05/21 14:44	04/06/21 00:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	256	61.5	1	04/05/21 14:44	04/06/21 00:34	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/05/21 14:44	04/06/21 00:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/05/21 14:44	04/06/21 00:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/05/21 14:44	04/06/21 00:34	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/05/21 14:44	04/06/21 00:34	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	04/05/21 14:44	04/06/21 00:34	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/05/21 14:44	04/06/21 00:34	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.8	1	04/05/21 14:44	04/06/21 00:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/05/21 14:44	04/06/21 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/05/21 14:44	04/06/21 00:34	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/05/21 14:44	04/06/21 00:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/05/21 14:44	04/06/21 00:34	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/05/21 14:44	04/06/21 00:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/05/21 14:44	04/06/21 00:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/05/21 14:44	04/06/21 00:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.6	1	04/05/21 14:44	04/06/21 00:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/05/21 14:44	04/06/21 00:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/05/21 14:44	04/06/21 00:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/05/21 14:44	04/06/21 00:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/05/21 14:44	04/06/21 00:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/05/21 14:44	04/06/21 00:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/05/21 14:44	04/06/21 00:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.2	1	04/05/21 14:44	04/06/21 00:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	108-20-3	
Ethylbenzene	**10.6J**	ug/kg	12.8	6.0	1	04/05/21 14:44	04/06/21 00:34	100-41-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	21.0	1	04/05/21 14:44	04/06/21 00:34	87-68-3	
2-Hexanone	ND	ug/kg	128	12.4	1	04/05/21 14:44	04/06/21 00:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	98-82-8	
p-Isopropyltoluene	**7.7J**	ug/kg	12.8	6.3	1	04/05/21 14:44	04/06/21 00:34	99-87-6	
Methylene Chloride	ND	ug/kg	51.3	35.1	1	04/05/21 14:44	04/06/21 00:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.4	1	04/05/21 14:44	04/06/21 00:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/05/21 14:44	04/06/21 00:34	1634-04-4	
Naphthalene	**140**	ug/kg	12.8	6.7	1	04/05/21 14:44	04/06/21 00:34	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/05/21 14:44	04/06/21 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/05/21 14:44	04/06/21 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/05/21 14:44	04/06/21 00:34	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.1	1	04/05/21 14:44	04/06/21 00:34	127-18-4	
Toluene	**28.3**	ug/kg	12.8	3.6	1	04/05/21 14:44	04/06/21 00:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.4	1	04/05/21 14:44	04/06/21 00:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.8	1	04/05/21 14:44	04/06/21 00:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.7	1	04/05/21 14:44	04/06/21 00:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.3	1	04/05/21 14:44	04/06/21 00:34	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/05/21 14:44	04/06/21 00:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/05/21 14:44	04/06/21 00:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/05/21 14:44	04/06/21 00:34	96-18-4	
1,2,4-Trimethylbenzene	**17.2**	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	95-63-6	
1,3,5-Trimethylbenzene	**5.7J**	ug/kg	12.8	4.3	1	04/05/21 14:44	04/06/21 00:34	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/05/21 14:44	04/06/21 00:34	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	04/05/21 14:44	04/06/21 00:34	75-01-4	
Xylene (Total)	**55.1**	ug/kg	25.6	7.3	1	04/05/21 14:44	04/06/21 00:34	1330-20-7	
m&p-Xylene	**36.3**	ug/kg	25.6	8.8	1	04/05/21 14:44	04/06/21 00:34	179601-23-1	
o-Xylene	**18.8**	ug/kg	12.8	5.7	1	04/05/21 14:44	04/06/21 00:34	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/06/21 00:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/06/21 00:34	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/05/21 14:44	04/06/21 00:34	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**40.4**	%	0.10	0.10	1		04/05/21 13:19		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	259	95.0	5	04/07/21 12:56	04/07/21 22:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	259	100	5	04/07/21 12:56	04/07/21 22:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	259	90.9	5	04/07/21 12:56	04/07/21 22:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	259	48.9	5	04/07/21 12:56	04/07/21 22:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	259	64.8	5	04/07/21 12:56	04/07/21 22:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	259	48.8	5	04/07/21 12:56	04/07/21 22:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	259	62.0	5	04/07/21 12:56	04/07/21 22:48	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	80	%	10-160		5	04/07/21 12:56	04/07/21 22:48	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**777**	ug/kg	15.9	1.6	1	04/07/21 12:58	04/08/21 11:35	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	81	%	31-130		1	04/07/21 12:58	04/08/21 11:35	321-60-8	
Nitrobenzene-d5 (S)	95	%	32-130		1	04/07/21 12:58	04/08/21 11:35	4165-60-0	
Terphenyl-d14 (S)	115	%	24-130		1	04/07/21 12:58	04/08/21 11:35	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	83-32-9	
Acenaphthylene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	208-96-8	
Aniline	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	62-53-3	
Anthracene	**293J**	ug/kg	517	169	1	04/07/21 13:00	04/07/21 22:09	120-12-7	
Benzo(a)anthracene	**764**	ug/kg	517	172	1	04/07/21 13:00	04/07/21 22:09	56-55-3	
Benzo(b)fluoranthene	**803**	ug/kg	517	172	1	04/07/21 13:00	04/07/21 22:09	205-99-2	
Benzo(g,h,i)perylene	**353J**	ug/kg	517	201	1	04/07/21 13:00	04/07/21 22:09	191-24-2	
Benzo(k)fluoranthene	**294J**	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	207-08-9	
Benzoic Acid	ND	ug/kg	2590	1110	1	04/07/21 13:00	04/07/21 22:09	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	392	1	04/07/21 13:00	04/07/21 22:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	517	218	1	04/07/21 13:00	04/07/21 22:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	364	1	04/07/21 13:00	04/07/21 22:09	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	406	1	04/07/21 13:00	04/07/21 22:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	517	215	1	04/07/21 13:00	04/07/21 22:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	517	205	1	04/07/21 13:00	04/07/21 22:09	91-58-7	
2-Chlorophenol	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	517	193	1	04/07/21 13:00	04/07/21 22:09	7005-72-3	
Chrysene	**693**	ug/kg	517	188	1	04/07/21 13:00	04/07/21 22:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	53-70-3	
Dibenzofuran	ND	ug/kg	517	186	1	04/07/21 13:00	04/07/21 22:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	04/07/21 13:00	04/07/21 22:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	517	190	1	04/07/21 13:00	04/07/21 22:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	517	215	1	04/07/21 13:00	04/07/21 22:09	105-67-9	
Dimethylphthalate	ND	ug/kg	517	188	1	04/07/21 13:00	04/07/21 22:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	517	174	1	04/07/21 13:00	04/07/21 22:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	483	1	04/07/21 13:00	04/07/21 22:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2590	1600	1	04/07/21 13:00	04/07/21 22:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	517	190	1	04/07/21 13:00	04/07/21 22:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	517	204	1	04/07/21 13:00	04/07/21 22:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	517	201	1	04/07/21 13:00	04/07/21 22:09	117-81-7	
Fluoranthene	**1570**	ug/kg	517	177	1	04/07/21 13:00	04/07/21 22:09	206-44-0	
Fluorene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	517	296	1	04/07/21 13:00	04/07/21 22:09	77-47-4	
Hexachloroethane	ND	ug/kg	517	197	1	04/07/21 13:00	04/07/21 22:09	67-72-1	
Indeno(1,2,3-cd)pyrene	**337J**	ug/kg	517	204	1	04/07/21 13:00	04/07/21 22:09	193-39-5	
Isophorone	ND	ug/kg	517	230	1	04/07/21 13:00	04/07/21 22:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	517	207	1	04/07/21 13:00	04/07/21 22:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	517	212	1	04/07/21 13:00	04/07/21 22:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	517	208	1	04/07/21 13:00	04/07/21 22:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2590	423	1	04/07/21 13:00	04/07/21 22:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2590	406	1	04/07/21 13:00	04/07/21 22:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	04/07/21 13:00	04/07/21 22:09	100-01-6	
Nitrobenzene	ND	ug/kg	517	240	1	04/07/21 13:00	04/07/21 22:09	98-95-3	
2-Nitrophenol	ND	ug/kg	517	224	1	04/07/21 13:00	04/07/21 22:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2590	1000	1	04/07/21 13:00	04/07/21 22:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	517	174	1	04/07/21 13:00	04/07/21 22:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	517	183	1	04/07/21 13:00	04/07/21 22:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	517	246	1	04/07/21 13:00	04/07/21 22:09	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	506	1	04/07/21 13:00	04/07/21 22:09	87-86-5	
Phenanthrene	**557**	ug/kg	517	169	1	04/07/21 13:00	04/07/21 22:09	85-01-8	
Phenol	ND	ug/kg	517	230	1	04/07/21 13:00	04/07/21 22:09	108-95-2	
Pyrene	**1290**	ug/kg	517	210	1	04/07/21 13:00	04/07/21 22:09	129-00-0	
Pyridine	ND	ug/kg	517	163	1	04/07/21 13:00	04/07/21 22:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	517	237	1	04/07/21 13:00	04/07/21 22:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	517	213	1	04/07/21 13:00	04/07/21 22:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	04/07/21 13:00	04/07/21 22:09	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 13:00	04/07/21 22:09	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/07/21 13:00	04/07/21 22:09	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	04/07/21 13:00	04/07/21 22:09	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 22:09	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 22:09	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	144	46.2	1	04/05/21 14:44	04/06/21 01:11	67-64-1	
Benzene	ND	ug/kg	7.2	2.9	1	04/05/21 14:44	04/06/21 01:11	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	04/05/21 14:44	04/06/21 01:11	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	04/05/21 14:44	04/06/21 01:11	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	04/05/21 14:44	04/06/21 01:11	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	04/05/21 14:44	04/06/21 01:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	04/05/21 14:44	04/06/21 01:11	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	04/05/21 14:44	04/06/21 01:11	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	04/05/21 14:44	04/06/21 01:11	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	04/05/21 14:44	04/06/21 01:11	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.0	1	04/05/21 14:44	04/06/21 01:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	04/05/21 14:44	04/06/21 01:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	04/05/21 14:44	04/06/21 01:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	04/05/21 14:44	04/06/21 01:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	04/05/21 14:44	04/06/21 01:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	04/05/21 14:44	04/06/21 01:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	04/05/21 14:44	04/06/21 01:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	04/05/21 14:44	04/06/21 01:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	04/05/21 14:44	04/06/21 01:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	108-20-3	
Ethylbenzene	ND	ug/kg	7.2	3.4	1	04/05/21 14:44	04/06/21 01:11	100-41-4	IK

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

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

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	04/05/21 14:44	04/06/21 01:11	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	04/05/21 14:44	04/06/21 01:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.5	1	04/05/21 14:44	04/06/21 01:11	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	04/05/21 14:44	04/06/21 01:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	04/05/21 14:44	04/06/21 01:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	04/05/21 14:44	04/06/21 01:11	1634-04-4	
Naphthalene	**13.1**	ug/kg	7.2	3.8	1	04/05/21 14:44	04/06/21 01:11	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	127-18-4	
Toluene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	04/05/21 14:44	04/06/21 01:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.0	1	04/05/21 14:44	04/06/21 01:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	04/05/21 14:44	04/06/21 01:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	04/05/21 14:44	04/06/21 01:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	04/05/21 14:44	04/06/21 01:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	04/05/21 14:44	04/06/21 01:11	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	04/05/21 14:44	04/06/21 01:11	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	4.1	1	04/05/21 14:44	04/06/21 01:11	1330-20-7	
m&p-Xylene	ND	ug/kg	14.4	4.9	1	04/05/21 14:44	04/06/21 01:11	179601-23-1	
o-Xylene	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/06/21 01:11	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/06/21 01:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/06/21 01:11	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**36.2**	%	0.10	0.10	1		04/05/21 13:20		N2

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: TRIP BLANK **Lab ID: 92531093015** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	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		04/05/21 12:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/21 12:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/21 12:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/21 12:47	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/21 12:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/21 12:47	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/21 12:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/21 12:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/21 12:47	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/05/21 12:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/21 12:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 12:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 12:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/21 12:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/21 12:47	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/21 12:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/21 12:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/21 12:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/21 12:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 12:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/21 12:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 12:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/21 12:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/21 12:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/21 12:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/21 12:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/21 12:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 12:47	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 12:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/21 12:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/21 12:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/21 12:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/21 12:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/21 12:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/21 12:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/21 12:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/21 12:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/21 12:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/21 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/21 12:47	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: TRIP BLANK **Lab ID: 92531093015** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	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		04/05/21 12:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/21 12:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/21 12:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/21 12:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/21 12:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 12:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 12:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/21 12:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/21 12:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/21 12:47	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/21 12:47	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/05/21 12:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/21 12:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/05/21 12:47	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/05/21 12:47	17060-07-0	
Toluene-d8 (S)	112	%	70-130		1		04/05/21 12:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	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	04/07/21 07:21	04/07/21 15:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/07/21 07:21	04/07/21 15:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 15:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/07/21 07:21	04/07/21 15:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 15:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 15:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/07/21 07:21	04/07/21 15:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/07/21 07:21	04/07/21 15:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 15:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/07/21 07:21	04/07/21 15:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/07/21 07:21	04/07/21 15:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/07/21 07:21	04/07/21 15:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 15:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 15:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 15:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/07/21 07:21	04/07/21 15:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/07/21 07:21	04/07/21 15:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/07/21 07:21	04/07/21 15:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/07/21 07:21	04/07/21 15:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/07/21 07:21	04/07/21 15:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/07/21 07:21	04/07/21 15:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	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	04/07/21 07:21	04/07/21 15:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 15:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/07/21 07:21	04/07/21 15:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	88-75-5	L1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/07/21 07:21	04/07/21 15:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/07/21 07:21	04/07/21 15:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 15:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 15:19	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	10-144		1	04/07/21 07:21	04/07/21 15:19	4165-60-0	
2-Fluorobiphenyl (S)	47	%	10-130		1	04/07/21 07:21	04/07/21 15:19	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/07/21 07:21	04/07/21 15:19	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	04/07/21 07:21	04/07/21 15:19	13127-88-3	
2-Fluorophenol (S)	40	%	10-130		1	04/07/21 07:21	04/07/21 15:19	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-144		1	04/07/21 07:21	04/07/21 15:19	118-79-6	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		04/05/21 13:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/21 13:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/21 13:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/21 13:04	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/21 13:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/21 13:04	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/21 13:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/21 13:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/21 13:04	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/05/21 13:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/21 13:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 13:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 13:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/21 13:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/21 13:04	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/21 13:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/21 13:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/21 13:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/21 13:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 13:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/21 13:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 13:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/21 13:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/21 13:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/21 13:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/21 13:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/21 13:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 13:04	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 13:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/21 13:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/21 13:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/21 13:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/21 13:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/21 13:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/21 13:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/21 13:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/21 13:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/21 13:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/21 13:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/21 13:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/21 13:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/21 13:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/21 13:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/21 13:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 13:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 13:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/21 13:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/21 13:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/21 13:04	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/21 13:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/05/21 13:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/21 13:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/05/21 13:04	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		04/05/21 13:04	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/05/21 13:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611379
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093015, 92531093016

METHOD BLANK: 3218751 Matrix: Water
Associated Lab Samples: 92531093015, 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/05/21 11:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/05/21 11:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/05/21 11:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/05/21 11:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/05/21 11:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/05/21 11:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/05/21 11:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/05/21 11:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/05/21 11:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/05/21 11:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/05/21 11:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/05/21 11:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/05/21 11:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/05/21 11:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/05/21 11:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/05/21 11:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/05/21 11:55	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/21 11:55	
2-Hexanone	ug/L	ND	5.0	0.48	04/05/21 11:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/21 11:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/05/21 11:55	
Acetone	ug/L	ND	25.0	5.1	04/05/21 11:55	
Benzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
Bromobenzene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Bromochloromethane	ug/L	ND	1.0	0.47	04/05/21 11:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/05/21 11:55	
Bromoform	ug/L	ND	1.0	0.34	04/05/21 11:55	IK
Bromomethane	ug/L	ND	2.0	1.7	04/05/21 11:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/05/21 11:55	
Chlorobenzene	ug/L	ND	1.0	0.28	04/05/21 11:55	
Chloroethane	ug/L	ND	1.0	0.65	04/05/21 11:55	
Chloroform	ug/L	ND	5.0	1.6	04/05/21 11:55	
Chloromethane	ug/L	ND	1.0	0.54	04/05/21 11:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/05/21 11:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/21 11:55	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/05/21 11:55	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/05/21 11:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/05/21 11:55	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3218751 Matrix: Water
Associated Lab Samples: 92531093015, 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/05/21 11:55	
Ethylbenzene	ug/L	ND	1.0	0.30	04/05/21 11:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/05/21 11:55	
m&p-Xylene	ug/L	ND	2.0	0.71	04/05/21 11:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/05/21 11:55	
Methylene Chloride	ug/L	ND	5.0	2.0	04/05/21 11:55	
Naphthalene	ug/L	ND	1.0	0.64	04/05/21 11:55	
o-Xylene	ug/L	ND	1.0	0.34	04/05/21 11:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/05/21 11:55	
Styrene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Toluene	ug/L	ND	1.0	0.48	04/05/21 11:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/05/21 11:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/21 11:55	
Trichloroethene	ug/L	ND	1.0	0.38	04/05/21 11:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/05/21 11:55	
Vinyl acetate	ug/L	ND	2.0	1.3	04/05/21 11:55	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/05/21 11:55	
Xylene (Total)	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,2-Dichloroethane-d4 (S)	%	90	70-130		04/05/21 11:55	
4-Bromofluorobenzene (S)	%	102	70-130		04/05/21 11:55	
Toluene-d8 (S)	%	109	70-130		04/05/21 11:55	

LABORATORY CONTROL SAMPLE: 3218752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	43.9	88	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	70-130	
1,1,2-Trichloroethane	ug/L	50	43.9	88	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	43.5	87	70-130	
1,1-Dichloropropene	ug/L	50	45.5	91	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.3	111	70-130	
1,2,3-Trichloropropane	ug/L	50	49.0	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.6	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	47.8	96	70-130	
1,2-Dichloropropane	ug/L	50	55.8	112	70-130	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	
1,3-Dichloropropane	ug/L	50	45.8	92	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
2,2-Dichloropropane	ug/L	50	55.2	110	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3218752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	IK
2-Chlorotoluene	ug/L	50	53.7	107	70-130	
2-Hexanone	ug/L	100	101	101	70-130	
4-Chlorotoluene	ug/L	50	51.3	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.5	94	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	55.5	111	70-130	
Bromobenzene	ug/L	50	53.4	107	70-130	
Bromochloromethane	ug/L	50	53.9	108	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	45.4	91	70-130	IK
Bromomethane	ug/L	50	47.1	94	70-130	
Carbon tetrachloride	ug/L	50	50.7	101	70-130	
Chlorobenzene	ug/L	50	51.2	102	70-130	
Chloroethane	ug/L	50	47.0	94	70-130	
Chloroform	ug/L	50	52.9	106	70-130	
Chloromethane	ug/L	50	45.7	91	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	IK
Dibromochloromethane	ug/L	50	47.4	95	70-130	IK
Dibromomethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	43.1	86	70-130	
Diisopropyl ether	ug/L	50	52.6	105	70-130	
Ethylbenzene	ug/L	50	50.1	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.6	109	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	47.0	94	70-130	
Methylene Chloride	ug/L	50	40.7	81	70-130	
Naphthalene	ug/L	50	53.7	107	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
p-Isopropyltoluene	ug/L	50	54.9	110	70-130	
Styrene	ug/L	50	52.0	104	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	48.9	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Trichloroethene	ug/L	50	57.9	116	70-130	
Trichlorofluoromethane	ug/L	50	41.2	82	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	IK
Vinyl chloride	ug/L	50	45.2	90	70-130	
Xylene (Total)	ug/L	150	151	101	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			92	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3218753 3218754

Parameter	Units	92531049002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	137	170	68	85	73-134	22	30	M1
1,1,1-Trichloroethane	ug/L	ND	200	200	195	239	98	120	82-143	20	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	154	205	77	103	70-136	28	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	169	198	85	99	70-135	15	30	
1,1-Dichloroethane	ug/L	ND	200	200	199	236	100	118	70-139	17	30	
1,1-Dichloroethene	ug/L	ND	200	200	174	222	87	111	70-154	24	30	
1,1-Dichloropropene	ug/L	ND	200	200	176	219	88	109	70-149	22	30	
1,2,3-Trichlorobenzene	ug/L	ND	200	200	191	241	96	121	70-135	23	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	160	212	80	106	71-137	28	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	198	233	99	116	73-140	16	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	188	213	94	107	65-134	13	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	183	213	92	107	70-133	15	30	
1,2-Dichloroethane	ug/L	ND	200	200	178	209	89	105	70-137	16	30	
1,2-Dichloropropane	ug/L	ND	200	200	188	231	94	116	70-140	21	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	184	207	92	104	70-135	12	30	
1,3-Dichloropropane	ug/L	ND	200	200	147	183	74	91	70-143	22	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	180	209	90	105	70-133	15	30	
2,2-Dichloropropane	ug/L	ND	200	200	185	240	93	120	61-148	26	30	
2-Butanone (MEK)	ug/L	ND	400	400	350	443	87	111	60-139	24	30	IK
2-Chlorotoluene	ug/L	ND	200	200	185	214	93	107	70-144	15	30	
2-Hexanone	ug/L	ND	400	400	320	401	80	100	65-138	22	30	
4-Chlorotoluene	ug/L	ND	200	200	171	209	86	104	70-137	20	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	314	368	78	92	65-135	16	30	
Acetone	ug/L	ND	400	400	363	433	91	108	60-148	18	30	
Benzene	ug/L	1780	200	200	1870	1950	46	84	70-151	4	30	M1
Bromobenzene	ug/L	ND	200	200	187	220	94	110	70-136	16	30	
Bromochloromethane	ug/L	ND	200	200	204	249	102	125	70-141	20	30	
Bromodichloromethane	ug/L	ND	200	200	189	224	95	112	70-138	17	30	
Bromoform	ug/L	ND	200	200	135	174	67	87	63-130	25	30	IK
Bromomethane	ug/L	ND	200	200	175	191	87	96	15-152	9	30	
Carbon tetrachloride	ug/L	ND	200	200	200	238	100	119	70-143	17	30	
Chlorobenzene	ug/L	ND	200	200	182	217	91	109	70-138	18	30	
Chloroethane	ug/L	ND	200	200	192	230	96	115	52-163	18	30	
Chloroform	ug/L	ND	200	200	200	235	97	114	70-139	16	30	
Chloromethane	ug/L	ND	200	200	161	189	81	94	41-139	16	30	
cis-1,2-Dichloroethene	ug/L	ND	200	200	188	229	94	115	70-141	20	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	167	204	83	102	70-137	20	30	IK
Dibromochloromethane	ug/L	ND	200	200	146	185	73	92	70-134	24	30	IK
Dibromomethane	ug/L	ND	200	200	179	217	89	109	70-138	19	30	
Dichlorodifluoromethane	ug/L	ND	200	200	151	180	75	90	47-155	17	30	
Diisopropyl ether	ug/L	7.3J	200	200	168	203	80	98	63-144	19	30	
Ethylbenzene	ug/L	99.3	200	200	265	310	83	105	66-153	16	30	
Hexachloro-1,3-butadiene	ug/L	ND	200	200	188	233	94	116	65-149	21	30	
m&p-Xylene	ug/L	20.1	400	400	366	447	86	107	69-152	20	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3218753 3218754

Parameter	Units	92531049002 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	244	200	200	438	492	97	124	54-156	12	30	
Methylene Chloride	ug/L	ND	200	200	155	189	77	94	42-159	20	30	
Naphthalene	ug/L	334	200	200	462	514	64	90	61-148	11	30	
o-Xylene	ug/L	3.8J	200	200	183	219	90	108	70-148	18	30	
p-Isopropyltoluene	ug/L	ND	200	200	187	226	94	113	70-146	19	30	
Styrene	ug/L	ND	200	200	179	222	90	111	70-135	21	30	
Tetrachloroethene	ug/L	ND	200	200	180	223	90	111	59-143	21	30	
Toluene	ug/L	6.7J	200	200	191	226	92	110	59-148	17	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	182	218	91	109	70-146	18	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	167	196	84	98	70-135	16	30	
Trichloroethene	ug/L	ND	200	200	206	256	103	128	70-147	21	30	
Trichlorofluoromethane	ug/L	ND	200	200	168	203	84	102	70-148	19	30	
Vinyl acetate	ug/L	101	400	400	391	449	73	87	49-151	14	30	IK
Vinyl chloride	ug/L	ND	200	200	185	220	92	110	70-156	18	30	
Xylene (Total)	ug/L	24.0	600	600	549	666	88	107	63-158	19	30	
1,2-Dichloroethane-d4 (S)	%						108	101	70-130			
4-Bromofluorobenzene (S)	%						96	97	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611477
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3219022
Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/05/21 16:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/05/21 16:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/05/21 16:27	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/05/21 16:27	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/05/21 16:27	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/05/21 16:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/05/21 16:27	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/05/21 16:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/05/21 16:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/05/21 16:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/05/21 16:27	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/05/21 16:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/05/21 16:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/05/21 16:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/05/21 16:27	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/05/21 16:27	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
2-Hexanone	ug/kg	ND	50.0	4.8	04/05/21 16:27	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/05/21 16:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/05/21 16:27	
Acetone	ug/kg	ND	100	32.1	04/05/21 16:27	
Benzene	ug/kg	ND	5.0	2.0	04/05/21 16:27	
Bromobenzene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/05/21 16:27	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Bromoform	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Bromomethane	ug/kg	ND	10.0	7.9	04/05/21 16:27	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/05/21 16:27	
Chloroethane	ug/kg	ND	10.0	3.9	04/05/21 16:27	
Chloroform	ug/kg	ND	5.0	3.0	04/05/21 16:27	
Chloromethane	ug/kg	ND	10.0	4.2	04/05/21 16:27	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/05/21 16:27	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3219022 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/05/21 16:27	
Dibromomethane	ug/kg	ND	5.0	1.1	04/05/21 16:27	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/05/21 16:27	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/05/21 16:27	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/05/21 16:27	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/05/21 16:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/05/21 16:27	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/05/21 16:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/05/21 16:27	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/05/21 16:27	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Naphthalene	ug/kg	ND	5.0	2.6	04/05/21 16:27	
o-Xylene	ug/kg	ND	5.0	2.2	04/05/21 16:27	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/05/21 16:27	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/05/21 16:27	
Styrene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
Toluene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/05/21 16:27	
Trichloroethene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/05/21 16:27	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/05/21 16:27	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/05/21 16:27	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/05/21 16:27	
1,2-Dichloroethane-d4 (S)	%	107	70-130		04/05/21 16:27	
4-Bromofluorobenzene (S)	%	106	69-134		04/05/21 16:27	
Toluene-d8 (S)	%	100	70-130		04/05/21 16:27	

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1190	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1250	100	70-130	
1,1-Dichloroethene	ug/kg	1250	1290	103	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1160	93	65-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1210	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1160	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1250	100	63-130	
1,2-Dichloropropane	ug/kg	1250	1270	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1170	94	66-130	
2-Butanone (MEK)	ug/kg	2500	2790	112	70-130	
2-Chlorotoluene	ug/kg	1250	1250	100	70-130	
2-Hexanone	ug/kg	2500	2740	110	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2700	108	70-130	
Acetone	ug/kg	2500	2680	107	69-130	
Benzene	ug/kg	1250	1240	100	70-130	
Bromobenzene	ug/kg	1250	1170	93	70-130	
Bromochloromethane	ug/kg	1250	1230	99	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1040	83	52-130	
Carbon tetrachloride	ug/kg	1250	1180	94	70-130	
Chlorobenzene	ug/kg	1250	1170	93	70-130	
Chloroethane	ug/kg	1250	1150	92	65-130	
Chloroform	ug/kg	1250	1120	89	70-130	
Chloromethane	ug/kg	1250	1180	94	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1270	101	70-130	
Dibromomethane	ug/kg	1250	1180	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1300	104	45-156	
Diisopropyl ether	ug/kg	1250	1270	102	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	94	70-130	
m&p-Xylene	ug/kg	2500	2410	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1220	97	70-130	
Methylene Chloride	ug/kg	1250	1310	105	65-130	
n-Butylbenzene	ug/kg	1250	1170	94	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1190	95	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1250	100	70-130	
tert-Butylbenzene	ug/kg	1250	1130	91	67-130	
Tetrachloroethene	ug/kg	1250	1110	88	70-130	
Toluene	ug/kg	1250	1190	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	99	68-130	
Trichloroethene	ug/kg	1250	1160	93	70-130	
Trichlorofluoromethane	ug/kg	1250	1100	88	70-130	
Vinyl acetate	ug/kg	2500	2980	119	70-130	
Vinyl chloride	ug/kg	1250	1120	90	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			107	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3219025

Parameter	Units	92531093014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	719	775	108	70-131	
1,1,1-Trichloroethane	ug/kg	ND	719	830	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	719	742	103	66-130	
1,1,2-Trichloroethane	ug/kg	ND	719	789	110	66-133	
1,1-Dichloroethane	ug/kg	ND	719	814	113	65-130	
1,1-Dichloroethene	ug/kg	ND	719	838	116	10-158	
1,1-Dichloropropene	ug/kg	ND	719	876	122	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	719	821	114	27-138	
1,2,3-Trichloropropane	ug/kg	ND	719	755	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	719	828	115	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	719	803	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	719	741	103	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	719	799	111	70-130	
1,2-Dichlorobenzene	ug/kg	ND	719	845	117	69-130	
1,2-Dichloroethane	ug/kg	ND	719	740	103	59-130	
1,2-Dichloropropane	ug/kg	ND	719	761	106	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	719	831	115	65-137	
1,3-Dichlorobenzene	ug/kg	ND	719	841	117	70-130	
1,3-Dichloropropane	ug/kg	ND	719	771	107	70-130	
1,4-Dichlorobenzene	ug/kg	ND	719	813	113	68-130	
2,2-Dichloropropane	ug/kg	ND	719	735	102	32-130	
2-Butanone (MEK)	ug/kg	ND	1440	1330	92	10-136	
2-Chlorotoluene	ug/kg	ND	719	831	115	69-141	
2-Hexanone	ug/kg	ND	1440	1350	94	10-144	
4-Chlorotoluene	ug/kg	ND	719	829	115	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1440	1360	94	25-143	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE SAMPLE: 3219025

Parameter	Units	92531093014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	ND	1440	1070	74	10-130	
Benzene	ug/kg	ND	719	771	107	67-130	
Bromobenzene	ug/kg	ND	719	759	105	70-130	
Bromochloromethane	ug/kg	ND	719	796	111	69-134	
Bromodichloromethane	ug/kg	ND	719	697	97	64-130	
Bromoform	ug/kg	ND	719	729	101	62-130	
Bromomethane	ug/kg	ND	719	491	68	20-176	IK
Carbon tetrachloride	ug/kg	ND	719	828	115	65-140	
Chlorobenzene	ug/kg	ND	719	815	113	70-130	
Chloroethane	ug/kg	ND	719	236	33	10-130	
Chloroform	ug/kg	ND	719	778	108	63-130	
Chloromethane	ug/kg	ND	719	795	110	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	719	769	107	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	719	759	105	67-130	
Dibromochloromethane	ug/kg	ND	719	774	107	67-130	
Dibromomethane	ug/kg	ND	719	743	103	63-131	
Dichlorodifluoromethane	ug/kg	ND	719	937	130	44-180	
Diisopropyl ether	ug/kg	ND	719	742	103	63-130	
Ethylbenzene	ug/kg	ND	719	778	108	66-130	IK
Hexachloro-1,3-butadiene	ug/kg	ND	719	865	120	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	719	894	124	69-135	
m&p-Xylene	ug/kg	ND	1440	1660	115	60-133	
Methyl-tert-butyl ether	ug/kg	ND	719	777	108	65-130	
Methylene Chloride	ug/kg	ND	719	793	110	61-130	
n-Butylbenzene	ug/kg	ND	719	820	114	65-140	
n-Propylbenzene	ug/kg	ND	719	847	118	67-140	
Naphthalene	ug/kg	13.1	719	835	114	15-145	
o-Xylene	ug/kg	ND	719	775	108	66-133	
p-Isopropyltoluene	ug/kg	ND	719	878	122	56-147	
sec-Butylbenzene	ug/kg	ND	719	844	117	65-139	
Styrene	ug/kg	ND	719	859	119	70-132	
tert-Butylbenzene	ug/kg	ND	719	613	85	62-135	
Tetrachloroethene	ug/kg	ND	719	817	114	70-135	
Toluene	ug/kg	ND	719	819	114	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	719	838	116	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	719	736	102	62-130	
Trichloroethene	ug/kg	ND	719	822	114	70-135	
Trichlorofluoromethane	ug/kg	ND	719	348	48	10-130	
Vinyl acetate	ug/kg	ND	1440	1540	107	53-130	
Vinyl chloride	ug/kg	ND	719	794	110	61-148	
Xylene (Total)	ug/kg	ND	2160	2440	113	63-132	
1,2-Dichloroethane-d4 (S)	%				120	70-130	
4-Bromofluorobenzene (S)	%				102	69-134	
Toluene-d8 (S)	%				98	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

SAMPLE DUPLICATE: 3219024

Parameter	Units	92531093013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	17.2	16.7	3	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	5.7J	6.4J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	119J	94.3J		30	
Benzene	ug/kg	7.2J	6.7J		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	10.6J	10.6J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

SAMPLE DUPLICATE: 3219024

Parameter	Units	92531093013 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	36.3	35.9	1	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	140	136	3	30	
o-Xylene	ug/kg	18.8	20.0	6	30	
p-Isopropyltoluene	ug/kg	7.7J	6.7J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	28.3	29.1	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	55.1	55.9	1	30	
1,2-Dichloroethane-d4 (S)	%	110	110			
4-Bromofluorobenzene (S)	%	107	107			
Toluene-d8 (S)	%	102	102			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611971 | Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 | Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221183 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/07/21 21:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/07/21 21:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/07/21 21:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/07/21 21:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/07/21 21:36	
Decachlorobiphenyl (S)	%	69	10-160		04/07/21 21:36	

LABORATORY CONTROL SAMPLE: 3221184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	134	79	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	132	78	47-139	
Decachlorobiphenyl (S)	%			68	10-160	

MATRIX SPIKE SAMPLE: 3221185

Parameter	Units	92531093001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	277	221	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	277	195	70	10-142	
Decachlorobiphenyl (S)	%				66	10-160	

SAMPLE DUPLICATE: 3221186

Parameter	Units	92531093002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	68	70			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611696
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093016

METHOD BLANK: 3219928 Matrix: Water
Associated Lab Samples: 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/07/21 08:32	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/07/21 08:32	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/07/21 08:32	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/07/21 08:32	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/07/21 08:32	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/07/21 08:32	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/07/21 08:32	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/07/21 08:32	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/07/21 08:32	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/07/21 08:32	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/07/21 08:32	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/07/21 08:32	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/07/21 08:32	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/07/21 08:32	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/07/21 08:32	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/07/21 08:32	
Acenaphthene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Acenaphthylene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Aniline	ug/L	ND	10.0	1.6	04/07/21 08:32	
Anthracene	ug/L	ND	10.0	2.3	04/07/21 08:32	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/07/21 08:32	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/07/21 08:32	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzoic Acid	ug/L	ND	50.0	3.4	04/07/21 08:32	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/07/21 08:32	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/07/21 08:32	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/07/21 08:32	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/07/21 08:32	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/07/21 08:32	
Chrysene	ug/L	ND	10.0	2.8	04/07/21 08:32	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3219928 Matrix: Water
Associated Lab Samples: 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/07/21 08:32	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/07/21 08:32	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/07/21 08:32	
Dibenzofuran	ug/L	ND	10.0	2.1	04/07/21 08:32	
Diethylphthalate	ug/L	ND	10.0	2.0	04/07/21 08:32	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/07/21 08:32	
Fluoranthene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Fluorene	ug/L	ND	10.0	2.1	04/07/21 08:32	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/07/21 08:32	
Hexachloroethane	ug/L	ND	10.0	1.4	04/07/21 08:32	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/07/21 08:32	
Isophorone	ug/L	ND	10.0	1.7	04/07/21 08:32	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/07/21 08:32	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/07/21 08:32	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/07/21 08:32	
Nitrobenzene	ug/L	ND	10.0	1.9	04/07/21 08:32	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/07/21 08:32	
Phenanthrene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Phenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
Pyrene	ug/L	ND	10.0	2.2	04/07/21 08:32	
2,4,6-Tribromophenol (S)	%	85	10-144		04/07/21 08:32	
2-Fluorobiphenyl (S)	%	58	10-130		04/07/21 08:32	
2-Fluorophenol (S)	%	51	10-130		04/07/21 08:32	
Nitrobenzene-d5 (S)	%	69	10-144		04/07/21 08:32	
Phenol-d6 (S)	%	39	10-130		04/07/21 08:32	
Terphenyl-d14 (S)	%	141	34-163		04/07/21 08:32	

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	53.8	108	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	53.5	107	28-130	
2,4,5-Trichlorophenol	ug/L	50	59.3	119	35-130	
2,4,6-Trichlorophenol	ug/L	50	59.5	119	31-130	
2,4-Dichlorophenol	ug/L	50	56.1	112	35-130	
2,4-Dimethylphenol	ug/L	50	57.9	116	34-130	
2,4-Dinitrophenol	ug/L	250	260	104	10-153	
2,4-Dinitrotoluene	ug/L	50	56.7	113	37-136	
2,6-Dinitrotoluene	ug/L	50	61.1	122	33-136	
2-Chloronaphthalene	ug/L	50	54.6	109	26-130	
2-Chlorophenol	ug/L	50	51.5	103	37-130	
2-Methylnaphthalene	ug/L	50	53.5	107	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	49.6	99	35-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	111	111	37-130	
2-Nitrophenol	ug/L	50	66.0	132	32-130	L1
3&4-Methylphenol(m&p Cresol)	ug/L	50	46.6	93	34-130	
3,3'-Dichlorobenzidine	ug/L	100	121	121	34-136	
3-Nitroaniline	ug/L	100	105	105	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	21-157	
4-Bromophenylphenyl ether	ug/L	50	60.8	122	38-130	
4-Chloro-3-methylphenol	ug/L	100	110	110	37-130	
4-Chloroaniline	ug/L	100	95.9	96	38-130	
4-Chlorophenylphenyl ether	ug/L	50	54.2	108	33-130	
4-Nitroaniline	ug/L	100	115	115	42-137	
4-Nitrophenol	ug/L	250	163	65	10-130	
Acenaphthene	ug/L	50	56.2	112	33-130	
Acenaphthylene	ug/L	50	57.4	115	35-130	
Aniline	ug/L	50	39.2	78	22-130	
Anthracene	ug/L	50	60.6	121	48-130	
Benzo(a)anthracene	ug/L	50	62.7	125	48-137	
Benzo(b)fluoranthene	ug/L	50	59.5	119	52-138	
Benzo(g,h,i)perylene	ug/L	50	56.2	112	48-140	
Benzo(k)fluoranthene	ug/L	50	59.4	119	48-139	
Benzoic Acid	ug/L	250	164	65	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	54.4	109	34-130	
bis(2-Chloroethyl) ether	ug/L	50	63.0	126	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.0	132	32-165	
Butylbenzylphthalate	ug/L	50	56.8	114	34-161	
Chrysene	ug/L	50	59.3	119	47-131	
Di-n-butylphthalate	ug/L	50	67.1	134	39-144	
Di-n-octylphthalate	ug/L	50	58.9	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.0	116	49-138	
Dibenzofuran	ug/L	50	56.5	113	33-130	
Diethylphthalate	ug/L	50	56.3	113	38-131	
Dimethylphthalate	ug/L	50	54.2	108	37-130	
Fluoranthene	ug/L	50	60.3	121	46-137	
Fluorene	ug/L	50	56.7	113	37-130	
Hexachlorobenzene	ug/L	50	57.1	114	38-130	
Hexachlorocyclopentadiene	ug/L	50	41.4	83	10-130	
Hexachloroethane	ug/L	50	45.2	90	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.7	117	41-130	
Isophorone	ug/L	50	54.8	110	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	55.8	112	36-130	
N-Nitrosodimethylamine	ug/L	50	47.0	94	34-130	
N-Nitrosodiphenylamine	ug/L	50	57.5	115	37-130	
Nitrobenzene	ug/L	50	59.9	120	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	59.0	118	44-130	
Phenol	ug/L	50	33.5	67	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	60.4	121	47-134	
2,4,6-Tribromophenol (S)	%			139	10-144	
2-Fluorobiphenyl (S)	%			106	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			116	10-144	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			139	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219930 3219931

Parameter	Units	92528912007 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	47.9	39.7	96	79	10-130	19	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	46.6	40.6	93	81	12-142	14	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	61.9	52.8	124	106	10-143	16	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	56.9	50.4	114	101	10-147	12	30	
2,4-Dichlorophenol	ug/L	ND	50	50	52.5	46.6	105	93	10-138	12	30	
2,4-Dimethylphenol	ug/L	ND	50	50	53.7	47.1	107	94	25-130	13	30	
2,4-Dinitrophenol	ug/L	ND	250	250	90.8	154	36	62	10-165	52	30	R1
2,4-Dinitrotoluene	ug/L	ND	50	50	58.3	49.9	117	100	29-148	15	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	63.5	54.0	127	108	26-146	16	30	
2-Chloronaphthalene	ug/L	ND	50	50	51.4	44.3	103	89	11-130	15	30	
2-Chlorophenol	ug/L	ND	50	50	48.7	41.0	97	82	10-133	17	30	
2-Methylnaphthalene	ug/L	ND	50	50	46.4	38.7	93	77	13-130	18	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	48.6	40.0	97	80	20-130	19	30	
2-Nitroaniline	ug/L	ND	100	100	117	98.5	117	98	24-136	17	30	
2-Nitrophenol	ug/L	ND	50	50	61.1	53.2	122	106	10-153	14	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	51.9	42.0	104	84	16-130	21	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	147	121	147	121	10-153	19	30	
3-Nitroaniline	ug/L	ND	100	100	114	97.1	114	97	22-151	16	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	96.5	100	96	100	10-180	4	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	62.4	52.1	125	104	25-130	18	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	113	97.0	113	97	25-133	15	30	
4-Chloroaniline	ug/L	ND	100	100	79.7	78.8	80	79	14-132	1	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	56.2	47.5	112	95	19-130	17	30	
4-Nitroaniline	ug/L	ND	100	100	128	105	128	105	29-150	20	30	
4-Nitrophenol	ug/L	ND	250	250	137	145	55	58	10-130	5	30	
Acenaphthene	ug/L	ND	50	50	55.6	48.2	111	96	16-130	14	30	
Acenaphthylene	ug/L	ND	50	50	57.2	49.2	114	98	15-137	15	30	
Aniline	ug/L	ND	50	50	32.2	28.8	64	58	10-130	11	30	
Anthracene	ug/L	ND	50	50	62.4	52.0	125	104	37-136	18	30	
Benzo(a)anthracene	ug/L	ND	50	50	68.0	58.0	136	116	40-145	16	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	71.3	57.6	143	115	39-151	21	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	66.3	52.4	133	105	40-147	23	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219930 3219931

Parameter	Units	92528912007 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	68.1	53.4	136	107	40-146	24	30	
Benzoic Acid	ug/L	ND	250	250	23.9J	32.0J	10	13	10-130		30	
Benzyl alcohol	ug/L	ND	100	100	102	88.2	102	88	25-130	14	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.8	45.0	102	90	23-130	12	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.6	53.2	117	106	25-130	10	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	63.9	54.1	123	104	28-166	17	30	
Butylbenzylphthalate	ug/L	ND	50	50	66.9	56.3	134	113	33-165	17	30	
Chrysene	ug/L	ND	50	50	63.8	54.0	128	108	38-141	17	30	
Di-n-butylphthalate	ug/L	ND	50	50	65.7	53.3	131	107	32-153	21	30	
Di-n-octylphthalate	ug/L	ND	50	50	64.3	53.5	129	107	30-175	18	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.5	53.3	135	107	39-148	24	30	
Dibenzofuran	ug/L	ND	50	50	57.0	49.1	114	98	20-130	15	30	
Diethylphthalate	ug/L	ND	50	50	58.8	49.5	118	99	28-142	17	30	
Dimethylphthalate	ug/L	ND	50	50	55.8	47.9	112	96	26-136	15	30	
Fluoranthene	ug/L	ND	50	50	62.6	51.7	125	103	39-143	19	30	
Fluorene	ug/L	ND	50	50	58.5	49.8	117	100	24-132	16	30	
Hexachlorobenzene	ug/L	ND	50	50	58.1	49.6	116	99	29-130	16	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	37.0	28.0	74	56	10-130	28	30	
Hexachloroethane	ug/L	ND	50	50	23.7	18.4	47	37	10-130	25	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	69.0	54.4	138	109	39-148	24	30	
Isophorone	ug/L	ND	50	50	50.5	45.2	101	90	23-130	11	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	56.0	47.6	112	95	25-130	16	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	46.7	38.7	93	77	22-130	19	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	59.2	49.4	118	99	26-134	18	30	
Nitrobenzene	ug/L	ND	50	50	53.7	48.5	107	97	25-130	10	30	
Pentachlorophenol	ug/L	ND	100	100	101	89.8	101	90	10-175	12	30	
Phenanthrene	ug/L	ND	50	50	60.1	49.5	120	99	36-133	19	30	
Phenol	ug/L	ND	50	50	35.1	28.7	70	57	10-130	20	30	
Pyrene	ug/L	ND	50	50	63.8	53.5	128	107	40-143	18	30	
2,4,6-Tribromophenol (S)	%						139	113	10-144			
2-Fluorobiphenyl (S)	%						89	76	10-130			
2-Fluorophenol (S)	%						74	62	10-130			
Nitrobenzene-d5 (S)	%						103	92	10-144			
Phenol-d6 (S)	%						66	52	10-130			
Terphenyl-d14 (S)	%						144	121	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611973
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221187 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/08/21 06:31	
2-Fluorobiphenyl (S)	%	91	31-130		04/08/21 06:31	
Nitrobenzene-d5 (S)	%	102	32-130		04/08/21 06:31	
Terphenyl-d14 (S)	%	117	24-130		04/08/21 06:31	

LABORATORY CONTROL SAMPLE: 3221188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	23.9	71	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			123	32-130	
Terphenyl-d14 (S)	%			133	24-130	S0

MATRIX SPIKE SAMPLE: 3221189

Parameter	Units	92531524001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	5.9J	59.5	55.8	84	10-130	
2-Fluorobiphenyl (S)	%				74	31-130	
Nitrobenzene-d5 (S)	%				87	32-130	
Terphenyl-d14 (S)	%				101	24-130	

SAMPLE DUPLICATE: 3221190

Parameter	Units	92531524002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	15.2	11.6J		30	
2-Fluorobiphenyl (S)	%	40	44			
Nitrobenzene-d5 (S)	%	75	78			
Terphenyl-d14 (S)	%	63	73			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611949
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221114
Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/07/21 14:36	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/07/21 14:36	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/07/21 14:36	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/07/21 14:36	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/07/21 14:36	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/07/21 14:36	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/07/21 14:36	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/07/21 14:36	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/07/21 14:36	
2-Chloronaphthalene	ug/kg	ND	326	129	04/07/21 14:36	
2-Chlorophenol	ug/kg	ND	326	122	04/07/21 14:36	
2-Methylnaphthalene	ug/kg	ND	326	130	04/07/21 14:36	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/07/21 14:36	
2-Nitroaniline	ug/kg	ND	1630	266	04/07/21 14:36	
2-Nitrophenol	ug/kg	ND	326	141	04/07/21 14:36	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/07/21 14:36	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/07/21 14:36	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/07/21 14:36	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/07/21 14:36	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/07/21 14:36	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/07/21 14:36	
4-Chloroaniline	ug/kg	ND	651	256	04/07/21 14:36	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/07/21 14:36	
4-Nitroaniline	ug/kg	ND	651	248	04/07/21 14:36	
4-Nitrophenol	ug/kg	ND	1630	630	04/07/21 14:36	
Acenaphthene	ug/kg	ND	326	114	04/07/21 14:36	
Acenaphthylene	ug/kg	ND	326	114	04/07/21 14:36	
Aniline	ug/kg	ND	326	127	04/07/21 14:36	
Anthracene	ug/kg	ND	326	107	04/07/21 14:36	
Benzo(a)anthracene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/07/21 14:36	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/07/21 14:36	
Benzoic Acid	ug/kg	ND	1630	700	04/07/21 14:36	
Benzyl alcohol	ug/kg	ND	651	247	04/07/21 14:36	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/07/21 14:36	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/07/21 14:36	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/07/21 14:36	
Butylbenzylphthalate	ug/kg	ND	326	137	04/07/21 14:36	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3221114 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/07/21 14:36	
Di-n-butylphthalate	ug/kg	ND	326	110	04/07/21 14:36	
Di-n-octylphthalate	ug/kg	ND	326	128	04/07/21 14:36	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/07/21 14:36	
Dibenzofuran	ug/kg	ND	326	117	04/07/21 14:36	
Diethylphthalate	ug/kg	ND	326	119	04/07/21 14:36	
Dimethylphthalate	ug/kg	ND	326	118	04/07/21 14:36	
Fluoranthene	ug/kg	ND	326	112	04/07/21 14:36	
Fluorene	ug/kg	ND	326	114	04/07/21 14:36	
Hexachlorobenzene	ug/kg	ND	326	127	04/07/21 14:36	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/07/21 14:36	
Hexachloroethane	ug/kg	ND	326	124	04/07/21 14:36	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/07/21 14:36	
Isophorone	ug/kg	ND	326	145	04/07/21 14:36	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/07/21 14:36	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/07/21 14:36	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/07/21 14:36	
Nitrobenzene	ug/kg	ND	326	151	04/07/21 14:36	
Pentachlorophenol	ug/kg	ND	651	319	04/07/21 14:36	
Phenanthrene	ug/kg	ND	326	107	04/07/21 14:36	
Phenol	ug/kg	ND	326	145	04/07/21 14:36	
Pyrene	ug/kg	ND	326	132	04/07/21 14:36	
Pyridine	ug/kg	ND	326	103	04/07/21 14:36	
2,4,6-Tribromophenol (S)	%	89	18-130		04/07/21 14:36	
2-Fluorobiphenyl (S)	%	77	19-130		04/07/21 14:36	
2-Fluorophenol (S)	%	73	18-130		04/07/21 14:36	
Nitrobenzene-d5 (S)	%	79	21-130		04/07/21 14:36	
Phenol-d6 (S)	%	79	18-130		04/07/21 14:36	
Terphenyl-d14 (S)	%	104	15-130		04/07/21 14:36	

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1650	1360	82	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1650	1280	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1650	1360	82	49-130	
2,4,6-Trichlorophenol	ug/kg	1650	1400	85	50-130	
2,4-Dichlorophenol	ug/kg	1650	1380	84	51-130	
2,4-Dimethylphenol	ug/kg	1650	1490	90	53-130	
2,4-Dinitrophenol	ug/kg	8250	6160	75	39-130	
2,4-Dinitrotoluene	ug/kg	1650	1420	86	53-130	
2,6-Dinitrotoluene	ug/kg	1650	1450	88	55-130	
2-Chloronaphthalene	ug/kg	1650	1370	83	48-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1650	1360	82	54-130	
2-Methylnaphthalene	ug/kg	1650	1330	80	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1650	1450	88	50-130	
2-Nitroaniline	ug/kg	3300	2580	78	49-130	
2-Nitrophenol	ug/kg	1650	1440	87	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1420	86	50-130	
3,3'-Dichlorobenzidine	ug/kg	3300	2360	72	47-130	IL
3-Nitroaniline	ug/kg	3300	2300	70	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3300	2780	84	50-142	
4-Bromophenylphenyl ether	ug/kg	1650	1440	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3300	2810	85	52-130	
4-Chloroaniline	ug/kg	3300	2530	77	49-130	
4-Chlorophenylphenyl ether	ug/kg	1650	1490	90	53-130	
4-Nitroaniline	ug/kg	3300	2540	77	51-130	
4-Nitrophenol	ug/kg	8250	7240	88	40-130	
Acenaphthene	ug/kg	1650	1390	84	56-130	
Acenaphthylene	ug/kg	1650	1380	84	58-130	
Aniline	ug/kg	1650	1250	76	44-130	
Anthracene	ug/kg	1650	1440	87	60-130	
Benzo(a)anthracene	ug/kg	1650	1500	91	59-130	
Benzo(b)fluoranthene	ug/kg	1650	1540	93	54-130	
Benzo(g,h,i)perylene	ug/kg	1650	1460	89	59-130	
Benzo(k)fluoranthene	ug/kg	1650	1550	94	54-130	
Benzoic Acid	ug/kg	8250	5530	67	19-130	
Benzyl alcohol	ug/kg	3300	2850	86	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1650	1370	83	55-130	
bis(2-Chloroethyl) ether	ug/kg	1650	1440	87	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1370	83	58-130	
Butylbenzylphthalate	ug/kg	1650	1360	82	46-138	
Chrysene	ug/kg	1650	1500	91	57-130	
Di-n-butylphthalate	ug/kg	1650	1400	85	57-130	
Di-n-octylphthalate	ug/kg	1650	1370	83	57-130	
Dibenz(a,h)anthracene	ug/kg	1650	1480	90	60-130	
Dibenzofuran	ug/kg	1650	1450	88	54-130	
Diethylphthalate	ug/kg	1650	1430	87	55-130	
Dimethylphthalate	ug/kg	1650	1400	85	57-130	
Fluoranthene	ug/kg	1650	1500	91	57-130	
Fluorene	ug/kg	1650	1430	87	56-130	
Hexachlorobenzene	ug/kg	1650	1460	88	53-130	
Hexachlorocyclopentadiene	ug/kg	1650	1140	69	23-130	
Hexachloroethane	ug/kg	1650	1440	87	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1500	91	61-130	
Isophorone	ug/kg	1650	1280	77	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1650	1480	89	52-130	
N-Nitrosodimethylamine	ug/kg	1650	1350	82	45-130	
N-Nitrosodiphenylamine	ug/kg	1650	1410	85	56-130	
Nitrobenzene	ug/kg	1650	1430	87	50-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3300	2730	83	33-130	
Phenanthrene	ug/kg	1650	1470	89	60-130	
Phenol	ug/kg	1650	1530	93	54-130	
Pyrene	ug/kg	1650	1480	90	61-130	
Pyridine	ug/kg	1650	1000	61	35-130	
2,4,6-Tribromophenol (S)	%			94	18-130	
2-Fluorobiphenyl (S)	%			79	19-130	
2-Fluorophenol (S)	%			84	18-130	
Nitrobenzene-d5 (S)	%			83	21-130	
Phenol-d6 (S)	%			84	18-130	
Terphenyl-d14 (S)	%			103	15-130	

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	57	61			
2-Fluorobiphenyl (S)	%	39	43			
2-Fluorophenol (S)	%	53	58			
Nitrobenzene-d5 (S)	%	57	64			
Phenol-d6 (S)	%	55	60			
Terphenyl-d14 (S)	%	43	60			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611442
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005

SAMPLE DUPLICATE: 3218934

Parameter	Units	92531017001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.7	19.1	8	25	N2

SAMPLE DUPLICATE: 3218935

Parameter	Units	92531079010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.1	22.1	0	25	N2

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611446
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

SAMPLE DUPLICATE: 3218936

Parameter	Units	92531056001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	15.9	11	25	N2

SAMPLE DUPLICATE: 3218937

Parameter	Units	92531099004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	10.9	5	25	N2

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
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.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531093001	**DA4-SB-1 (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093002	**DA4-SB-1 (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093003	**DA4-SB-1A (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093004	**DA4-SB-1A (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093005	**DA4-SB-1B (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093006	**DA4-SB-1B (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093007	**DA4-SB-2 (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093008	**DA4-SB-2 (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093009	**DA4-SB-3 (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093010	**DA4-SB-3 (4-5)**	EPA 3546	611971	EPA 8082A	612281
92531093011	**DA4-SB-3A (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093012	**DA4-SB-3A (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093013	**DA4-SB-3B (0-0.6)**	EPA 3546	611971	EPA 8082A	612281
92531093014	**DA4-SB-3B (2-2.5)**	EPA 3546	611971	EPA 8082A	612281
92531093016	**EB-2**	EPA 3510C	611696	EPA 8270E	612101
92531093001	**DA4-SB-1 (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093002	**DA4-SB-1 (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093003	**DA4-SB-1A (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093004	**DA4-SB-1A (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093005	**DA4-SB-1B (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093006	**DA4-SB-1B (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093007	**DA4-SB-2 (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093008	**DA4-SB-2 (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093009	**DA4-SB-3 (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093010	**DA4-SB-3 (4-5)**	EPA 3546	611973	EPA 8270E	612273
92531093011	**DA4-SB-3A (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093012	**DA4-SB-3A (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093013	**DA4-SB-3B (0-0.6)**	EPA 3546	611973	EPA 8270E	612273
92531093014	**DA4-SB-3B (2-2.5)**	EPA 3546	611973	EPA 8270E	612273
92531093001	**DA4-SB-1 (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093002	**DA4-SB-1 (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093003	**DA4-SB-1A (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093004	**DA4-SB-1A (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093005	**DA4-SB-1B (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093006	**DA4-SB-1B (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093007	**DA4-SB-2 (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093008	**DA4-SB-2 (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093009	**DA4-SB-3 (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093010	**DA4-SB-3 (4-5)**	EPA 3546	611949	EPA 8270E	612277
92531093011	**DA4-SB-3A (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093012	**DA4-SB-3A (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093013	**DA4-SB-3B (0-0.6)**	EPA 3546	611949	EPA 8270E	612277
92531093014	**DA4-SB-3B (2-2.5)**	EPA 3546	611949	EPA 8270E	612277
92531093015	**TRIP BLANK**	EPA 8260D	611379		
92531093016	**EB-2**	EPA 8260D	611379		
92531093001	**DA4-SB-1 (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531093002	**DA4-SB-1 (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093003	**DA4-SB-1A (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093004	**DA4-SB-1A (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093005	**DA4-SB-1B (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093006	**DA4-SB-1B (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093007	**DA4-SB-2 (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093008	**DA4-SB-2 (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093009	**DA4-SB-3 (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093010	**DA4-SB-3 (4-5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093011	**DA4-SB-3A (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093012	**DA4-SB-3A (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093013	**DA4-SB-3B (0-0.6)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093014	**DA4-SB-3B (2-2.5)**	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093001	**DA4-SB-1 (0-0.6)**	SW-846	611442		
92531093002	**DA4-SB-1 (2-2.5)**	SW-846	611442		
92531093003	**DA4-SB-1A (0-0.6)**	SW-846	611442		
92531093004	**DA4-SB-1A (2-2.5)**	SW-846	611442		
92531093005	**DA4-SB-1B (0-0.6)**	SW-846	611442		
92531093006	**DA4-SB-1B (2-2.5)**	SW-846	611446		
92531093007	**DA4-SB-2 (0-0.6)**	SW-846	611446		
92531093008	**DA4-SB-2 (2-2.5)**	SW-846	611446		
92531093009	**DA4-SB-3 (0-0.6)**	SW-846	611446		
92531093010	**DA4-SB-3 (4-5)**	SW-846	611446		
92531093011	**DA4-SB-3A (0-0.6)**	SW-846	611446		
92531093012	**DA4-SB-3A (2-2.5)**	SW-846	611446		
92531093013	**DA4-SB-3B (0-0.6)**	SW-846	611446		
92531093014	**DA4-SB-3B (2-2.5)**	SW-846	611446		

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

Sample Condition Upon Receipt

Client Name: Syntera

Project #:

WO# : 92531093

92531093

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

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

Date/Initials Person Examining Contents: 4-5-21 LL

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

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

Thermometer: ☐ IR Gun ID: 92064 ☒ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 0.9, 2.4 **Correction Factor:** Add/Subtract (°C) 0.0°C

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

Cooler Temp Corrected (°C): 0.9, 2.4

USDA Regulated Soil (☒ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☒ Yes ☐ No 4-5-21

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

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

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

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

Project # **WO#: 92531093**

PM: KLH1 Due Date: 04/09/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

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

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

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

Project #

WO#: 92531093

PM: KLH1 Due Date: 04/09/21

CLIENT: 92-Duke Ener

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

pH Adjustment Log for Preserved Samples

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

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

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	
Company: Synterra	Report To: Tom King	Attention:	
Address: 148 River Street	Copy To: Heather Smith	Company Name:	Regulatory Agency
Suite 220, Greenville, SC 29601		Address:	
Email To: tking@synterracorp.com	Purchase Order #:	Pace Quote:	
Phone: Fax	Project Name: Former Bramlette MGP	Pace Project Manager: Kevin Herring	State / Location
Requested Due Date: Standard TAT	Project Number: 00.2731.00.04	Pace Profile #: 7754	SC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270 & 8270 LV	8082	Trip Blank	Residual Chlorine (Y/N)
1	DA4-SB-1_SE_0-0.6_20210401	SL	C	4/1/2021	0900	--	--		5							X			X	X	X		
2	DA4-SB-1_SE_2-2.5_20210401	SL	C	4/1/2021	0920	--	--		5							X			X	X	X		
3	DA4-SB-1A_SE_0-0.6_20210401	SL	C	4/1/2021	1030	--	--		5							X			X	X	X		
4	DA4-SB-1A_SE_2-2.5_20210401	SL	C	4/1/2021	1045	--	--		5							X			X	X	X		
5	DA4-SB-1B_SE_0-0.6_20210401	SL	C	4/1/2021	0940	--	--		5							X			X	X	X		
6	DA4-SB-1B_SE_2-2.5_20210401	SL	C	4/1/2021	1000	--	--		5							X			X	X	X		
7	DA4-SB-2_SE_0-0.6_20210401	SL	C	4/1/2021	1115	--	--		5							X			X	X	X		
8	DA4-SB-2_SE_2-2.5_20210401	SL	C	4/1/2021	1130	--	--		5							X			X	X	X		
9	DA4-SB-3_SE_0-0.6_20210401	SL	C	4/1/2021	1315	--	--		5							X			X	X	X		
10	DA4-SB-3_SE_4-5_20210401	SL	C	4/1/2021	1330	--	--		5							X			X	X	X		
11	DA4-SB-3A_SE_0-0.6_20210401	SL	C	4/1/2021	1420	--	--		5							X			X	X	X		
12	DA4-SB-3A_SE_2-2.5_20210401	SL	C	4/1/2021	1440	--	--		5							X			X	X	X		

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
*Ca, Mg, Fe, Mn + Hardness	[signature]	4-2-21	940	[signature] / PACE	4-2-21	0940	0.9	Y	N	Y
	[signature] / PACE	4-2-21	1205	A. Rucker / PACE / AVL	4-2-21	1205	2.4	Y	N	Y
	A. Rucker / PACE / AVL	4-2-21	1830	[signature] PACE HVL	4-5-21	8:00				

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER:	
SIGNATURE of SAMPLER:	DATE Signed:

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River Street	Copy To:	Heather Smith	Company Name:	
Suite 220, Greenville, SC 29601				Address:	Regulatory Agency
Email To:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	Fax:	Project Name:	Former Bramlette MGP	Pace Project Manager:	Kevin Herring
Requested Due Date:	STANDARD TAT	Project Number:	00.2731.00.04	Pace Profile #:	7754

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8082	TIRP BLANK	Residual Chlorine (Y/N)
1	DA4-SB-3B_SE_0-0.6_20210401	SL	C	4/1/2021	1345	--	--		5							X			X	X	X		
2	DA4-SB-3B_SE_2-2.5_20210401	SL	C	4/1/2021	1405	--	--		5							X			X	X	X		
3	TRIP BLANK	WT	G	--	--	--	--		2													X	
4	EB-2_WQ_20210401	WT	G	4/1/2021	1430	--	--		5							X			X	X			
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	4-2-21	940	[signature] / PACE	4.2.21	0940	0.9	Y	N	Y
	[signature] / PACE	4.2.21	1205	B. Rucker / PACE / AVL	4-2-21	1205	2.4	X	N	Y
	B. Rucker / PACE / AVL	4-2-21	1830	[signature] PACE AVL	1-5-21	8:00				

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

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

April 12, 2021

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

RE: Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Dear Program Manager:

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

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

- Pace Analytical Services - Charlotte

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

Sincerely,

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

Enclosures

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

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

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531524001	**SW-18**	Solid	04/05/21 10:35	04/06/21 12:10
92531524002	**SW-19**	Solid	04/05/21 11:10	04/06/21 12:10
92531524003	**SW-20**	Solid	04/05/21 12:45	04/06/21 12:10
92531524004	**SW-21**	Solid	04/05/21 12:00	04/06/21 12:10

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531524001	**SW-18**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524002	**SW-19**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524003	**SW-20**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524004	**SW-21**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	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: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531524001	**SW-18**					
EPA 8270E	Benzo(a)pyrene	5.9J	ug/kg	18.3	04/08/21 11:55	
EPA 8260D	Acetone	98.3J	ug/kg	262	04/07/21 16:05	
EPA 8260D	Naphthalene	17.4	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	Toluene	10.9J	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	1,2,4-Trimethylbenzene	8.3J	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	Xylene (Total)	21.6J	ug/kg	26.2	04/07/21 16:05	
EPA 8260D	m&p-Xylene	13.2J	ug/kg	26.2	04/07/21 16:05	
EPA 8260D	o-Xylene	8.3J	ug/kg	13.1	04/07/21 16:05	
SW-846	Percent Moisture	44.5	%	0.10	04/07/21 14:41	N2
92531524002	**SW-19**					
EPA 8270E	Benzo(a)pyrene	15.2	ug/kg	11.7	04/08/21 12:36	
EPA 8260D	Naphthalene	5.2J	ug/kg	6.2	04/07/21 16:41	
EPA 8260D	Toluene	3.7J	ug/kg	6.2	04/07/21 16:41	
SW-846	Percent Moisture	16.1	%	0.10	04/07/21 14:41	N2
92531524003	**SW-20**					
EPA 8270E	Benzo(a)pyrene	10.5J	ug/kg	12.0	04/08/21 13:17	
EPA 8260D	4-Methyl-2-pentanone (MIBK)	15.7J	ug/kg	56.9	04/07/21 16:59	
EPA 8260D	Toluene	8.4	ug/kg	5.7	04/07/21 16:59	
SW-846	Percent Moisture	16.9	%	0.10	04/07/21 14:41	N2
92531524004	**SW-21**					
EPA 8082A	PCB-1260 (Aroclor 1260)	35.2J	ug/kg	41.3	04/07/21 20:39	
EPA 8270E	Benzo(a)pyrene	8.5J	ug/kg	12.5	04/08/21 13:37	
EPA 8270E	Benzo(a)anthracene	198J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Benzo(b)fluoranthene	331J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Benzo(g,h,i)perylene	168J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Chrysene	206J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Fluoranthene	302J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Pyrene	245J	ug/kg	410	04/09/21 17:26	
EPA 8260D	Chlorobenzene	3.5J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,3-Dichlorobenzene	6.0J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,4-Dichlorobenzene	9.8	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	Toluene	5.4J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,2,4-Trichlorobenzene	8.9	ug/kg	6.4	04/07/21 17:17	
SW-846	Percent Moisture	19.8	%	0.10	04/07/21 14:41	N2

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 12, 2021

General Information:
4 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

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
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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8270E**
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 12, 2021

General Information:
4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

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: 611973

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3221188)
  - 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: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 12, 2021

General Information:
4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 612090

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.

- SW-19 (Lab ID: 92531524002)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene
- SW-20 (Lab ID: 92531524003)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene
- SW-21 (Lab ID: 92531524004)
  - 2,2'-Oxybis(1-chloropropane)
  - Nitrobenzene

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.

- SW-19 (Lab ID: 92531524002)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol
- SW-20 (Lab ID: 92531524003)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol
- SW-21 (Lab ID: 92531524004)
  - Hexachlorocyclopentadiene
  - Pentachlorophenol

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 12, 2021

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 612090

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531024002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3221851)
  - bis(2-Chloroethyl) ether

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: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 12, 2021

General Information:
4 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

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.

QC Batch: 612027

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531524002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3221518)
  - Chloromethane

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	59.3	21.7	1	04/07/21 12:56	04/07/21 19:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	59.3	22.9	1	04/07/21 12:56	04/07/21 19:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	59.3	20.8	1	04/07/21 12:56	04/07/21 19:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	59.3	11.2	1	04/07/21 12:56	04/07/21 19:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	59.3	14.8	1	04/07/21 12:56	04/07/21 19:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	59.3	11.2	1	04/07/21 12:56	04/07/21 19:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	59.3	14.2	1	04/07/21 12:56	04/07/21 19:56	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	75	%	10-160		1	04/07/21 12:56	04/07/21 19:56	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**5.9J**	ug/kg	18.3	1.9	1	04/07/21 12:58	04/08/21 11:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/07/21 12:58	04/08/21 11:55	321-60-8	
Nitrobenzene-d5 (S)	78	%	32-130		1	04/07/21 12:58	04/08/21 11:55	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/07/21 12:58	04/08/21 11:55	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	83-32-9	
Acenaphthylene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	208-96-8	
Aniline	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	62-53-3	
Anthracene	ND	ug/kg	601	197	1	04/07/21 16:51	04/08/21 17:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	601	200	1	04/07/21 16:51	04/08/21 17:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	601	200	1	04/07/21 16:51	04/08/21 17:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	601	233	1	04/07/21 16:51	04/08/21 17:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	207-08-9	
Benzoic Acid	ND	ug/kg	3010	1290	1	04/07/21 16:51	04/08/21 17:50	65-85-0	
Benzyl alcohol	ND	ug/kg	1200	455	1	04/07/21 16:51	04/08/21 17:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	601	253	1	04/07/21 16:51	04/08/21 17:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1200	423	1	04/07/21 16:51	04/08/21 17:50	59-50-7	
4-Chloroaniline	ND	ug/kg	1200	472	1	04/07/21 16:51	04/08/21 17:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	601	250	1	04/07/21 16:51	04/08/21 17:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	111-44-4	
2-Chloronaphthalene	ND	ug/kg	601	239	1	04/07/21 16:51	04/08/21 17:50	91-58-7	
2-Chlorophenol	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	601	224	1	04/07/21 16:51	04/08/21 17:50	7005-72-3	
Chrysene	ND	ug/kg	601	219	1	04/07/21 16:51	04/08/21 17:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	53-70-3	
Dibenzofuran	ND	ug/kg	601	217	1	04/07/21 16:51	04/08/21 17:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1200	406	1	04/07/21 16:51	04/08/21 17:50	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	601	220	1	04/07/21 16:51	04/08/21 17:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	601	250	1	04/07/21 16:51	04/08/21 17:50	105-67-9	
Dimethylphthalate	ND	ug/kg	601	219	1	04/07/21 16:51	04/08/21 17:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	601	202	1	04/07/21 16:51	04/08/21 17:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1200	561	1	04/07/21 16:51	04/08/21 17:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3010	1860	1	04/07/21 16:51	04/08/21 17:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	601	220	1	04/07/21 16:51	04/08/21 17:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	601	237	1	04/07/21 16:51	04/08/21 17:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	601	233	1	04/07/21 16:51	04/08/21 17:50	117-81-7	
Fluoranthene	ND	ug/kg	601	206	1	04/07/21 16:51	04/08/21 17:50	206-44-0	
Fluorene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	86-73-7	
Hexachlorobenzene	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	601	344	1	04/07/21 16:51	04/08/21 17:50	77-47-4	
Hexachloroethane	ND	ug/kg	601	229	1	04/07/21 16:51	04/08/21 17:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	601	237	1	04/07/21 16:51	04/08/21 17:50	193-39-5	
Isophorone	ND	ug/kg	601	268	1	04/07/21 16:51	04/08/21 17:50	78-59-1	
1-Methylnaphthalene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	90-12-0	
2-Methylnaphthalene	ND	ug/kg	601	240	1	04/07/21 16:51	04/08/21 17:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	601	246	1	04/07/21 16:51	04/08/21 17:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	601	242	1	04/07/21 16:51	04/08/21 17:50	15831-10-4	
2-Nitroaniline	ND	ug/kg	3010	492	1	04/07/21 16:51	04/08/21 17:50	88-74-4	
3-Nitroaniline	ND	ug/kg	3010	472	1	04/07/21 16:51	04/08/21 17:50	99-09-2	
4-Nitroaniline	ND	ug/kg	1200	457	1	04/07/21 16:51	04/08/21 17:50	100-01-6	
Nitrobenzene	ND	ug/kg	601	279	1	04/07/21 16:51	04/08/21 17:50	98-95-3	
2-Nitrophenol	ND	ug/kg	601	260	1	04/07/21 16:51	04/08/21 17:50	88-75-5	
4-Nitrophenol	ND	ug/kg	3010	1160	1	04/07/21 16:51	04/08/21 17:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	601	202	1	04/07/21 16:51	04/08/21 17:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	601	213	1	04/07/21 16:51	04/08/21 17:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	601	286	1	04/07/21 16:51	04/08/21 17:50	108-60-1	
Pentachlorophenol	ND	ug/kg	1200	588	1	04/07/21 16:51	04/08/21 17:50	87-86-5	
Phenanthrene	ND	ug/kg	601	197	1	04/07/21 16:51	04/08/21 17:50	85-01-8	
Phenol	ND	ug/kg	601	268	1	04/07/21 16:51	04/08/21 17:50	108-95-2	
Pyrene	ND	ug/kg	601	244	1	04/07/21 16:51	04/08/21 17:50	129-00-0	
Pyridine	ND	ug/kg	601	189	1	04/07/21 16:51	04/08/21 17:50	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	601	275	1	04/07/21 16:51	04/08/21 17:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	601	248	1	04/07/21 16:51	04/08/21 17:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	21-130		1	04/07/21 16:51	04/08/21 17:50	4165-60-0	
2-Fluorobiphenyl (S)	42	%	19-130		1	04/07/21 16:51	04/08/21 17:50	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	04/07/21 16:51	04/08/21 17:50	1718-51-0	
Phenol-d6 (S)	48	%	18-130		1	04/07/21 16:51	04/08/21 17:50	13127-88-3	
2-Fluorophenol (S)	42	%	18-130		1	04/07/21 16:51	04/08/21 17:50	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/07/21 16:51	04/08/21 17:50	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**98.3J**	ug/kg	262	84.0	1	04/07/21 11:31	04/07/21 16:05	67-64-1	
Benzene	ND	ug/kg	13.1	5.2	1	04/07/21 11:31	04/07/21 16:05	71-43-2	
Bromobenzene	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	108-86-1	
Bromochloromethane	ND	ug/kg	13.1	3.9	1	04/07/21 11:31	04/07/21 16:05	74-97-5	
Bromodichloromethane	ND	ug/kg	13.1	5.1	1	04/07/21 11:31	04/07/21 16:05	75-27-4	
Bromoform	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	75-25-2	
Bromomethane	ND	ug/kg	26.2	20.7	1	04/07/21 11:31	04/07/21 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	262	62.8	1	04/07/21 11:31	04/07/21 16:05	78-93-3	
n-Butylbenzene	ND	ug/kg	13.1	6.2	1	04/07/21 11:31	04/07/21 16:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.1	4.9	1	04/07/21 11:31	04/07/21 16:05	56-23-5	
Chlorobenzene	ND	ug/kg	13.1	2.5	1	04/07/21 11:31	04/07/21 16:05	108-90-7	
Chloroethane	ND	ug/kg	26.2	10.1	1	04/07/21 11:31	04/07/21 16:05	75-00-3	
Chloroform	ND	ug/kg	13.1	8.0	1	04/07/21 11:31	04/07/21 16:05	67-66-3	
Chloromethane	ND	ug/kg	26.2	11.0	1	04/07/21 11:31	04/07/21 16:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.1	2.3	1	04/07/21 11:31	04/07/21 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.1	5.1	1	04/07/21 11:31	04/07/21 16:05	96-12-8	
Dibromochloromethane	ND	ug/kg	13.1	7.4	1	04/07/21 11:31	04/07/21 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	106-93-4	
Dibromomethane	ND	ug/kg	13.1	2.8	1	04/07/21 11:31	04/07/21 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.1	3.4	1	04/07/21 11:31	04/07/21 16:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.2	5.7	1	04/07/21 11:31	04/07/21 16:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.1	5.4	1	04/07/21 11:31	04/07/21 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.1	8.7	1	04/07/21 11:31	04/07/21 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.1	5.4	1	04/07/21 11:31	04/07/21 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.1	4.5	1	04/07/21 11:31	04/07/21 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.1	3.9	1	04/07/21 11:31	04/07/21 16:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.1	6.3	1	04/07/21 11:31	04/07/21 16:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.1	3.6	1	04/07/21 11:31	04/07/21 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.1	4.5	1	04/07/21 11:31	04/07/21 16:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	108-20-3	
Ethylbenzene	ND	ug/kg	13.1	6.1	1	04/07/21 11:31	04/07/21 16:05	100-41-4	

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	26.2	21.4	1	04/07/21 11:31	04/07/21 16:05	87-68-3	
2-Hexanone	ND	ug/kg	131	12.6	1	04/07/21 11:31	04/07/21 16:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.1	4.4	1	04/07/21 11:31	04/07/21 16:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.1	6.4	1	04/07/21 11:31	04/07/21 16:05	99-87-6	
Methylene Chloride	ND	ug/kg	52.3	35.9	1	04/07/21 11:31	04/07/21 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	131	12.6	1	04/07/21 11:31	04/07/21 16:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.1	4.9	1	04/07/21 11:31	04/07/21 16:05	1634-04-4	
Naphthalene	**17.4**	ug/kg	13.1	6.9	1	04/07/21 11:31	04/07/21 16:05	91-20-3	
n-Propylbenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	103-65-1	
Styrene	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.1	5.0	1	04/07/21 11:31	04/07/21 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	79-34-5	
Tetrachloroethene	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	127-18-4	
Toluene	**10.9J**	ug/kg	13.1	3.7	1	04/07/21 11:31	04/07/21 16:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.1	10.6	1	04/07/21 11:31	04/07/21 16:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.1	11.0	1	04/07/21 11:31	04/07/21 16:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.1	6.8	1	04/07/21 11:31	04/07/21 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	79-00-5	
Trichloroethene	ND	ug/kg	13.1	3.4	1	04/07/21 11:31	04/07/21 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.1	7.2	1	04/07/21 11:31	04/07/21 16:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.1	6.6	1	04/07/21 11:31	04/07/21 16:05	96-18-4	
1,2,4-Trimethylbenzene	**8.3J**	ug/kg	13.1	3.6	1	04/07/21 11:31	04/07/21 16:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.1	4.4	1	04/07/21 11:31	04/07/21 16:05	108-67-8	
Vinyl acetate	ND	ug/kg	131	9.5	1	04/07/21 11:31	04/07/21 16:05	108-05-4	
Vinyl chloride	ND	ug/kg	26.2	6.6	1	04/07/21 11:31	04/07/21 16:05	75-01-4	
Xylene (Total)	**21.6J**	ug/kg	26.2	7.5	1	04/07/21 11:31	04/07/21 16:05	1330-20-7	
m&p-Xylene	**13.2J**	ug/kg	26.2	9.0	1	04/07/21 11:31	04/07/21 16:05	179601-23-1	
o-Xylene	**8.3J**	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 16:05	2037-26-5	
4-Bromofluorobenzene (S)	111	%	69-134		1	04/07/21 11:31	04/07/21 16:05	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/07/21 11:31	04/07/21 16:05	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**44.5**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.8	14.6	1	04/07/21 12:56	04/07/21 20:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.8	15.4	1	04/07/21 12:56	04/07/21 20:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.8	14.0	1	04/07/21 12:56	04/07/21 20:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.8	7.5	1	04/07/21 12:56	04/07/21 20:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.8	9.9	1	04/07/21 12:56	04/07/21 20:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.8	7.5	1	04/07/21 12:56	04/07/21 20:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.8	9.5	1	04/07/21 12:56	04/07/21 20:10	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	44	%	10-160		1	04/07/21 12:56	04/07/21 20:10	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**15.2**	ug/kg	11.7	1.2	1	04/07/21 12:58	04/08/21 12:36	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	40	%	31-130		1	04/07/21 12:58	04/08/21 12:36	321-60-8	
Nitrobenzene-d5 (S)	75	%	32-130		1	04/07/21 12:58	04/08/21 12:36	4165-60-0	
Terphenyl-d14 (S)	63	%	24-130		1	04/07/21 12:58	04/08/21 12:36	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	83-32-9	
Acenaphthylene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	208-96-8	
Aniline	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	62-53-3	
Anthracene	ND	ug/kg	396	130	1	04/07/21 16:51	04/09/21 16:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	132	1	04/07/21 16:51	04/09/21 16:32	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	396	132	1	04/07/21 16:51	04/09/21 16:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	154	1	04/07/21 16:51	04/09/21 16:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	207-08-9	
Benzoic Acid	ND	ug/kg	1980	850	1	04/07/21 16:51	04/09/21 16:32	65-85-0	
Benzyl alcohol	ND	ug/kg	791	300	1	04/07/21 16:51	04/09/21 16:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	396	167	1	04/07/21 16:51	04/09/21 16:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	791	278	1	04/07/21 16:51	04/09/21 16:32	59-50-7	
4-Chloroaniline	ND	ug/kg	791	311	1	04/07/21 16:51	04/09/21 16:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	396	164	1	04/07/21 16:51	04/09/21 16:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	111-44-4	
2-Chloronaphthalene	ND	ug/kg	396	157	1	04/07/21 16:51	04/09/21 16:32	91-58-7	
2-Chlorophenol	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	396	148	1	04/07/21 16:51	04/09/21 16:32	7005-72-3	
Chrysene	ND	ug/kg	396	144	1	04/07/21 16:51	04/09/21 16:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	53-70-3	
Dibenzofuran	ND	ug/kg	396	143	1	04/07/21 16:51	04/09/21 16:32	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	791	267	1	04/07/21 16:51	04/09/21 16:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	396	145	1	04/07/21 16:51	04/09/21 16:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	396	164	1	04/07/21 16:51	04/09/21 16:32	105-67-9	
Dimethylphthalate	ND	ug/kg	396	144	1	04/07/21 16:51	04/09/21 16:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	396	133	1	04/07/21 16:51	04/09/21 16:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	791	369	1	04/07/21 16:51	04/09/21 16:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1220	1	04/07/21 16:51	04/09/21 16:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	396	145	1	04/07/21 16:51	04/09/21 16:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	396	156	1	04/07/21 16:51	04/09/21 16:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	396	154	1	04/07/21 16:51	04/09/21 16:32	117-81-7	
Fluoranthene	ND	ug/kg	396	136	1	04/07/21 16:51	04/09/21 16:32	206-44-0	
Fluorene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	86-73-7	
Hexachlorobenzene	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	396	227	1	04/07/21 16:51	04/09/21 16:32	77-47-4	v2
Hexachloroethane	ND	ug/kg	396	151	1	04/07/21 16:51	04/09/21 16:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	156	1	04/07/21 16:51	04/09/21 16:32	193-39-5	
Isophorone	ND	ug/kg	396	176	1	04/07/21 16:51	04/09/21 16:32	78-59-1	
1-Methylnaphthalene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	90-12-0	
2-Methylnaphthalene	ND	ug/kg	396	158	1	04/07/21 16:51	04/09/21 16:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	396	162	1	04/07/21 16:51	04/09/21 16:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	396	159	1	04/07/21 16:51	04/09/21 16:32	15831-10-4	
2-Nitroaniline	ND	ug/kg	1980	324	1	04/07/21 16:51	04/09/21 16:32	88-74-4	
3-Nitroaniline	ND	ug/kg	1980	311	1	04/07/21 16:51	04/09/21 16:32	99-09-2	IL
4-Nitroaniline	ND	ug/kg	791	301	1	04/07/21 16:51	04/09/21 16:32	100-01-6	
Nitrobenzene	ND	ug/kg	396	183	1	04/07/21 16:51	04/09/21 16:32	98-95-3	v1
2-Nitrophenol	ND	ug/kg	396	171	1	04/07/21 16:51	04/09/21 16:32	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	765	1	04/07/21 16:51	04/09/21 16:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	396	133	1	04/07/21 16:51	04/09/21 16:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	396	140	1	04/07/21 16:51	04/09/21 16:32	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	396	188	1	04/07/21 16:51	04/09/21 16:32	108-60-1	v1
Pentachlorophenol	ND	ug/kg	791	387	1	04/07/21 16:51	04/09/21 16:32	87-86-5	v2
Phenanthrene	ND	ug/kg	396	130	1	04/07/21 16:51	04/09/21 16:32	85-01-8	
Phenol	ND	ug/kg	396	176	1	04/07/21 16:51	04/09/21 16:32	108-95-2	
Pyrene	ND	ug/kg	396	161	1	04/07/21 16:51	04/09/21 16:32	129-00-0	
Pyridine	ND	ug/kg	396	125	1	04/07/21 16:51	04/09/21 16:32	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	396	181	1	04/07/21 16:51	04/09/21 16:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	396	163	1	04/07/21 16:51	04/09/21 16:32	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/07/21 16:51	04/09/21 16:32	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	04/07/21 16:51	04/09/21 16:32	321-60-8	
Terphenyl-d14 (S)	31	%	15-130		1	04/07/21 16:51	04/09/21 16:32	1718-51-0	
Phenol-d6 (S)	63	%	18-130		1	04/07/21 16:51	04/09/21 16:32	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	04/07/21 16:51	04/09/21 16:32	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	47	%	18-130		1	04/07/21 16:51	04/09/21 16:32	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	124	39.7	1	04/07/21 11:31	04/07/21 16:41	67-64-1	
Benzene	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	04/07/21 11:31	04/07/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	04/07/21 11:31	04/07/21 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	124	29.7	1	04/07/21 11:31	04/07/21 16:41	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	2.9	1	04/07/21 11:31	04/07/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	04/07/21 11:31	04/07/21 16:41	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	04/07/21 11:31	04/07/21 16:41	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	04/07/21 11:31	04/07/21 16:41	75-00-3	
Chloroform	ND	ug/kg	6.2	3.8	1	04/07/21 11:31	04/07/21 16:41	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	04/07/21 11:31	04/07/21 16:41	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	04/07/21 11:31	04/07/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	04/07/21 11:31	04/07/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	04/07/21 11:31	04/07/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	04/07/21 11:31	04/07/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	04/07/21 11:31	04/07/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	04/07/21 11:31	04/07/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	108-20-3	
Ethylbenzene	ND	ug/kg	6.2	2.9	1	04/07/21 11:31	04/07/21 16:41	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.1	1	04/07/21 11:31	04/07/21 16:41	87-68-3	
2-Hexanone	ND	ug/kg	61.8	6.0	1	04/07/21 11:31	04/07/21 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	3.0	1	04/07/21 11:31	04/07/21 16:41	99-87-6	
Methylene Chloride	ND	ug/kg	24.7	16.9	1	04/07/21 11:31	04/07/21 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.8	6.0	1	04/07/21 11:31	04/07/21 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	04/07/21 11:31	04/07/21 16:41	1634-04-4	
Naphthalene	**5.2J**	ug/kg	6.2	3.3	1	04/07/21 11:31	04/07/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	103-65-1	
Styrene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	127-18-4	
Toluene	**3.7J**	ug/kg	6.2	1.8	1	04/07/21 11:31	04/07/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	04/07/21 11:31	04/07/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	04/07/21 11:31	04/07/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	04/07/21 11:31	04/07/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	04/07/21 11:31	04/07/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	04/07/21 11:31	04/07/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	108-67-8	
Vinyl acetate	ND	ug/kg	61.8	4.5	1	04/07/21 11:31	04/07/21 16:41	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.1	1	04/07/21 11:31	04/07/21 16:41	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	3.5	1	04/07/21 11:31	04/07/21 16:41	1330-20-7	
m&p-Xylene	ND	ug/kg	12.4	4.2	1	04/07/21 11:31	04/07/21 16:41	179601-23-1	
o-Xylene	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/07/21 11:31	04/07/21 16:41	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/07/21 11:31	04/07/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1	04/07/21 11:31	04/07/21 16:41	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.1**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.3	14.4	1	04/07/21 12:56	04/07/21 20:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.3	15.2	1	04/07/21 12:56	04/07/21 20:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.3	13.8	1	04/07/21 12:56	04/07/21 20:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.3	7.4	1	04/07/21 12:56	04/07/21 20:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.3	9.8	1	04/07/21 12:56	04/07/21 20:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.3	7.4	1	04/07/21 12:56	04/07/21 20:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.3	9.4	1	04/07/21 12:56	04/07/21 20:24	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	47	%	10-160		1	04/07/21 12:56	04/07/21 20:24	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**10.5J**	ug/kg	12.0	1.2	1	04/07/21 12:58	04/08/21 13:17	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/07/21 12:58	04/08/21 13:17	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/07/21 12:58	04/08/21 13:17	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/07/21 12:58	04/08/21 13:17	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	83-32-9	
Acenaphthylene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	208-96-8	
Aniline	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	62-53-3	
Anthracene	ND	ug/kg	391	128	1	04/07/21 16:51	04/09/21 16:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	391	130	1	04/07/21 16:51	04/09/21 16:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	391	130	1	04/07/21 16:51	04/09/21 16:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	391	151	1	04/07/21 16:51	04/09/21 16:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	207-08-9	
Benzoic Acid	ND	ug/kg	1950	839	1	04/07/21 16:51	04/09/21 16:59	65-85-0	
Benzyl alcohol	ND	ug/kg	781	296	1	04/07/21 16:51	04/09/21 16:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	391	164	1	04/07/21 16:51	04/09/21 16:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	781	275	1	04/07/21 16:51	04/09/21 16:59	59-50-7	
4-Chloroaniline	ND	ug/kg	781	307	1	04/07/21 16:51	04/09/21 16:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	391	162	1	04/07/21 16:51	04/09/21 16:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	111-44-4	
2-Chloronaphthalene	ND	ug/kg	391	155	1	04/07/21 16:51	04/09/21 16:59	91-58-7	
2-Chlorophenol	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	391	146	1	04/07/21 16:51	04/09/21 16:59	7005-72-3	
Chrysene	ND	ug/kg	391	142	1	04/07/21 16:51	04/09/21 16:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	53-70-3	
Dibenzofuran	ND	ug/kg	391	141	1	04/07/21 16:51	04/09/21 16:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	781	264	1	04/07/21 16:51	04/09/21 16:59	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	391	143	1	04/07/21 16:51	04/09/21 16:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	391	162	1	04/07/21 16:51	04/09/21 16:59	105-67-9	
Dimethylphthalate	ND	ug/kg	391	142	1	04/07/21 16:51	04/09/21 16:59	131-11-3	
Di-n-butylphthalate	ND	ug/kg	391	131	1	04/07/21 16:51	04/09/21 16:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	781	364	1	04/07/21 16:51	04/09/21 16:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1950	1210	1	04/07/21 16:51	04/09/21 16:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	391	143	1	04/07/21 16:51	04/09/21 16:59	606-20-2	
Di-n-octylphthalate	ND	ug/kg	391	154	1	04/07/21 16:51	04/09/21 16:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	391	151	1	04/07/21 16:51	04/09/21 16:59	117-81-7	
Fluoranthene	ND	ug/kg	391	134	1	04/07/21 16:51	04/09/21 16:59	206-44-0	
Fluorene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	86-73-7	
Hexachlorobenzene	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	391	224	1	04/07/21 16:51	04/09/21 16:59	77-47-4	v2
Hexachloroethane	ND	ug/kg	391	149	1	04/07/21 16:51	04/09/21 16:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	391	154	1	04/07/21 16:51	04/09/21 16:59	193-39-5	
Isophorone	ND	ug/kg	391	174	1	04/07/21 16:51	04/09/21 16:59	78-59-1	
1-Methylnaphthalene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	90-12-0	
2-Methylnaphthalene	ND	ug/kg	391	156	1	04/07/21 16:51	04/09/21 16:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	391	160	1	04/07/21 16:51	04/09/21 16:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	391	157	1	04/07/21 16:51	04/09/21 16:59	15831-10-4	
2-Nitroaniline	ND	ug/kg	1950	320	1	04/07/21 16:51	04/09/21 16:59	88-74-4	
3-Nitroaniline	ND	ug/kg	1950	307	1	04/07/21 16:51	04/09/21 16:59	99-09-2	IL
4-Nitroaniline	ND	ug/kg	781	297	1	04/07/21 16:51	04/09/21 16:59	100-01-6	
Nitrobenzene	ND	ug/kg	391	181	1	04/07/21 16:51	04/09/21 16:59	98-95-3	v1
2-Nitrophenol	ND	ug/kg	391	169	1	04/07/21 16:51	04/09/21 16:59	88-75-5	
4-Nitrophenol	ND	ug/kg	1950	755	1	04/07/21 16:51	04/09/21 16:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	391	131	1	04/07/21 16:51	04/09/21 16:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	391	138	1	04/07/21 16:51	04/09/21 16:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	391	186	1	04/07/21 16:51	04/09/21 16:59	108-60-1	v1
Pentachlorophenol	ND	ug/kg	781	382	1	04/07/21 16:51	04/09/21 16:59	87-86-5	v2
Phenanthrene	ND	ug/kg	391	128	1	04/07/21 16:51	04/09/21 16:59	85-01-8	
Phenol	ND	ug/kg	391	174	1	04/07/21 16:51	04/09/21 16:59	108-95-2	
Pyrene	ND	ug/kg	391	159	1	04/07/21 16:51	04/09/21 16:59	129-00-0	
Pyridine	ND	ug/kg	391	123	1	04/07/21 16:51	04/09/21 16:59	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	391	179	1	04/07/21 16:51	04/09/21 16:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	391	161	1	04/07/21 16:51	04/09/21 16:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	21-130		1	04/07/21 16:51	04/09/21 16:59	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 16:51	04/09/21 16:59	321-60-8	
Terphenyl-d14 (S)	36	%	15-130		1	04/07/21 16:51	04/09/21 16:59	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 16:59	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	04/07/21 16:51	04/09/21 16:59	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/07/21 16:51	04/09/21 16:59	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	114	36.5	1	04/07/21 11:31	04/07/21 16:59	67-64-1	
Benzene	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1.7	1	04/07/21 11:31	04/07/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	75-27-4	
Bromoform	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	75-25-2	
Bromomethane	ND	ug/kg	11.4	9.0	1	04/07/21 11:31	04/07/21 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	114	27.3	1	04/07/21 11:31	04/07/21 16:59	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.7	2.1	1	04/07/21 11:31	04/07/21 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1.1	1	04/07/21 11:31	04/07/21 16:59	108-90-7	
Chloroethane	ND	ug/kg	11.4	4.4	1	04/07/21 11:31	04/07/21 16:59	75-00-3	
Chloroform	ND	ug/kg	5.7	3.5	1	04/07/21 11:31	04/07/21 16:59	67-66-3	
Chloromethane	ND	ug/kg	11.4	4.8	1	04/07/21 11:31	04/07/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1.0	1	04/07/21 11:31	04/07/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	3.2	1	04/07/21 11:31	04/07/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1.2	1	04/07/21 11:31	04/07/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.4	2.5	1	04/07/21 11:31	04/07/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	3.8	1	04/07/21 11:31	04/07/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1.7	1	04/07/21 11:31	04/07/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	108-20-3	
Ethylbenzene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	100-41-4	

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	11.4	9.3	1	04/07/21 11:31	04/07/21 16:59	87-68-3	
2-Hexanone	ND	ug/kg	56.9	5.5	1	04/07/21 11:31	04/07/21 16:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	2.8	1	04/07/21 11:31	04/07/21 16:59	99-87-6	
Methylene Chloride	ND	ug/kg	22.8	15.6	1	04/07/21 11:31	04/07/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**15.7J**	ug/kg	56.9	5.5	1	04/07/21 11:31	04/07/21 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	2.1	1	04/07/21 11:31	04/07/21 16:59	1634-04-4	
Naphthalene	ND	ug/kg	5.7	3.0	1	04/07/21 11:31	04/07/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	103-65-1	
Styrene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	127-18-4	
Toluene	**8.4**	ug/kg	5.7	1.6	1	04/07/21 11:31	04/07/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	4.6	1	04/07/21 11:31	04/07/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	4.8	1	04/07/21 11:31	04/07/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	3.0	1	04/07/21 11:31	04/07/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	3.1	1	04/07/21 11:31	04/07/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	2.9	1	04/07/21 11:31	04/07/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1.6	1	04/07/21 11:31	04/07/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	108-67-8	
Vinyl acetate	ND	ug/kg	56.9	4.1	1	04/07/21 11:31	04/07/21 16:59	108-05-4	
Vinyl chloride	ND	ug/kg	11.4	2.9	1	04/07/21 11:31	04/07/21 16:59	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	3.2	1	04/07/21 11:31	04/07/21 16:59	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	3.9	1	04/07/21 11:31	04/07/21 16:59	179601-23-1	
o-Xylene	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 16:59	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/07/21 11:31	04/07/21 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/07/21 11:31	04/07/21 16:59	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.9**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	41.3	15.1	1	04/07/21 12:56	04/07/21 20:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.3	15.9	1	04/07/21 12:56	04/07/21 20:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.3	14.5	1	04/07/21 12:56	04/07/21 20:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.3	7.8	1	04/07/21 12:56	04/07/21 20:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.3	10.3	1	04/07/21 12:56	04/07/21 20:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.3	7.8	1	04/07/21 12:56	04/07/21 20:39	11097-69-1	
PCB-1260 (Aroclor 1260)	**35.2J**	ug/kg	41.3	9.9	1	04/07/21 12:56	04/07/21 20:39	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	40	%	10-160		1	04/07/21 12:56	04/07/21 20:39	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**8.5J**	ug/kg	12.5	1.3	1	04/07/21 12:58	04/08/21 13:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	52	%	31-130		1	04/07/21 12:58	04/08/21 13:37	321-60-8	
Nitrobenzene-d5 (S)	70	%	32-130		1	04/07/21 12:58	04/08/21 13:37	4165-60-0	
Terphenyl-d14 (S)	71	%	24-130		1	04/07/21 12:58	04/08/21 13:37	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	83-32-9	
Acenaphthylene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	208-96-8	
Aniline	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	62-53-3	
Anthracene	ND	ug/kg	410	134	1	04/07/21 16:51	04/09/21 17:26	120-12-7	
Benzo(a)anthracene	**198J**	ug/kg	410	137	1	04/07/21 16:51	04/09/21 17:26	56-55-3	
Benzo(b)fluoranthene	**331J**	ug/kg	410	137	1	04/07/21 16:51	04/09/21 17:26	205-99-2	
Benzo(g,h,i)perylene	**168J**	ug/kg	410	159	1	04/07/21 16:51	04/09/21 17:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	207-08-9	
Benzoic Acid	ND	ug/kg	2050	881	1	04/07/21 16:51	04/09/21 17:26	65-85-0	
Benzyl alcohol	ND	ug/kg	820	311	1	04/07/21 16:51	04/09/21 17:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	410	173	1	04/07/21 16:51	04/09/21 17:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	820	288	1	04/07/21 16:51	04/09/21 17:26	59-50-7	
4-Chloroaniline	ND	ug/kg	820	322	1	04/07/21 16:51	04/09/21 17:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	410	170	1	04/07/21 16:51	04/09/21 17:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	111-44-4	
2-Chloronaphthalene	ND	ug/kg	410	163	1	04/07/21 16:51	04/09/21 17:26	91-58-7	
2-Chlorophenol	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	410	153	1	04/07/21 16:51	04/09/21 17:26	7005-72-3	
Chrysene	**206J**	ug/kg	410	149	1	04/07/21 16:51	04/09/21 17:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	53-70-3	
Dibenzofuran	ND	ug/kg	410	148	1	04/07/21 16:51	04/09/21 17:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	820	277	1	04/07/21 16:51	04/09/21 17:26	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	410	150	1	04/07/21 16:51	04/09/21 17:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	410	170	1	04/07/21 16:51	04/09/21 17:26	105-67-9	
Dimethylphthalate	ND	ug/kg	410	149	1	04/07/21 16:51	04/09/21 17:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	410	138	1	04/07/21 16:51	04/09/21 17:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	820	383	1	04/07/21 16:51	04/09/21 17:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1270	1	04/07/21 16:51	04/09/21 17:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	410	150	1	04/07/21 16:51	04/09/21 17:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	410	161	1	04/07/21 16:51	04/09/21 17:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	159	1	04/07/21 16:51	04/09/21 17:26	117-81-7	
Fluoranthene	**302J**	ug/kg	410	140	1	04/07/21 16:51	04/09/21 17:26	206-44-0	
Fluorene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	86-73-7	
Hexachlorobenzene	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	410	235	1	04/07/21 16:51	04/09/21 17:26	77-47-4	v2
Hexachloroethane	ND	ug/kg	410	157	1	04/07/21 16:51	04/09/21 17:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	161	1	04/07/21 16:51	04/09/21 17:26	193-39-5	
Isophorone	ND	ug/kg	410	183	1	04/07/21 16:51	04/09/21 17:26	78-59-1	
1-Methylnaphthalene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	90-12-0	
2-Methylnaphthalene	ND	ug/kg	410	164	1	04/07/21 16:51	04/09/21 17:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	410	168	1	04/07/21 16:51	04/09/21 17:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	410	165	1	04/07/21 16:51	04/09/21 17:26	15831-10-4	
2-Nitroaniline	ND	ug/kg	2050	335	1	04/07/21 16:51	04/09/21 17:26	88-74-4	
3-Nitroaniline	ND	ug/kg	2050	322	1	04/07/21 16:51	04/09/21 17:26	99-09-2	IL
4-Nitroaniline	ND	ug/kg	820	312	1	04/07/21 16:51	04/09/21 17:26	100-01-6	
Nitrobenzene	ND	ug/kg	410	190	1	04/07/21 16:51	04/09/21 17:26	98-95-3	v1
2-Nitrophenol	ND	ug/kg	410	178	1	04/07/21 16:51	04/09/21 17:26	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	793	1	04/07/21 16:51	04/09/21 17:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	410	138	1	04/07/21 16:51	04/09/21 17:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	410	145	1	04/07/21 16:51	04/09/21 17:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	410	195	1	04/07/21 16:51	04/09/21 17:26	108-60-1	v1
Pentachlorophenol	ND	ug/kg	820	401	1	04/07/21 16:51	04/09/21 17:26	87-86-5	v2
Phenanthrene	ND	ug/kg	410	134	1	04/07/21 16:51	04/09/21 17:26	85-01-8	
Phenol	ND	ug/kg	410	183	1	04/07/21 16:51	04/09/21 17:26	108-95-2	
Pyrene	**245J**	ug/kg	410	166	1	04/07/21 16:51	04/09/21 17:26	129-00-0	
Pyridine	ND	ug/kg	410	129	1	04/07/21 16:51	04/09/21 17:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	410	188	1	04/07/21 16:51	04/09/21 17:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	410	169	1	04/07/21 16:51	04/09/21 17:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 16:51	04/09/21 17:26	4165-60-0	
2-Fluorobiphenyl (S)	39	%	19-130		1	04/07/21 16:51	04/09/21 17:26	321-60-8	
Terphenyl-d14 (S)	27	%	15-130		1	04/07/21 16:51	04/09/21 17:26	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 17:26	13127-88-3	
2-Fluorophenol (S)	54	%	18-130		1	04/07/21 16:51	04/09/21 17:26	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 17:26	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	128	41.1	1	04/07/21 11:31	04/07/21 17:17	67-64-1	
Benzene	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	1.9	1	04/07/21 11:31	04/07/21 17:17	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	75-27-4	
Bromoform	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	75-25-2	
Bromomethane	ND	ug/kg	12.8	10.1	1	04/07/21 11:31	04/07/21 17:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	128	30.8	1	04/07/21 11:31	04/07/21 17:17	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	3.0	1	04/07/21 11:31	04/07/21 17:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.4	2.4	1	04/07/21 11:31	04/07/21 17:17	56-23-5	
Chlorobenzene	**3.5J**	ug/kg	6.4	1.2	1	04/07/21 11:31	04/07/21 17:17	108-90-7	
Chloroethane	ND	ug/kg	12.8	4.9	1	04/07/21 11:31	04/07/21 17:17	75-00-3	
Chloroform	ND	ug/kg	6.4	3.9	1	04/07/21 11:31	04/07/21 17:17	67-66-3	
Chloromethane	ND	ug/kg	12.8	5.4	1	04/07/21 11:31	04/07/21 17:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	1.1	1	04/07/21 11:31	04/07/21 17:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	3.6	1	04/07/21 11:31	04/07/21 17:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	106-93-4	
Dibromomethane	ND	ug/kg	6.4	1.4	1	04/07/21 11:31	04/07/21 17:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	95-50-1	
1,3-Dichlorobenzene	**6.0J**	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	541-73-1	
1,4-Dichlorobenzene	**9.8**	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.8	2.8	1	04/07/21 11:31	04/07/21 17:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	4.2	1	04/07/21 11:31	04/07/21 17:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1.9	1	04/07/21 11:31	04/07/21 17:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	3.1	1	04/07/21 11:31	04/07/21 17:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	3.0	1	04/07/21 11:31	04/07/21 17:17	100-41-4	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	12.8	10.5	1	04/07/21 11:31	04/07/21 17:17	87-68-3	
2-Hexanone	ND	ug/kg	64.1	6.2	1	04/07/21 11:31	04/07/21 17:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	3.2	1	04/07/21 11:31	04/07/21 17:17	99-87-6	
Methylene Chloride	ND	ug/kg	25.6	17.6	1	04/07/21 11:31	04/07/21 17:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.1	6.2	1	04/07/21 11:31	04/07/21 17:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	2.4	1	04/07/21 11:31	04/07/21 17:17	1634-04-4	
Naphthalene	ND	ug/kg	6.4	3.4	1	04/07/21 11:31	04/07/21 17:17	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	103-65-1	
Styrene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	127-18-4	
Toluene	**5.4J**	ug/kg	6.4	1.8	1	04/07/21 11:31	04/07/21 17:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	5.2	1	04/07/21 11:31	04/07/21 17:17	87-61-6	
1,2,4-Trichlorobenzene	**8.9**	ug/kg	6.4	5.4	1	04/07/21 11:31	04/07/21 17:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	3.3	1	04/07/21 11:31	04/07/21 17:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	3.5	1	04/07/21 11:31	04/07/21 17:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	3.2	1	04/07/21 11:31	04/07/21 17:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.8	1	04/07/21 11:31	04/07/21 17:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	108-67-8	
Vinyl acetate	ND	ug/kg	64.1	4.7	1	04/07/21 11:31	04/07/21 17:17	108-05-4	
Vinyl chloride	ND	ug/kg	12.8	3.3	1	04/07/21 11:31	04/07/21 17:17	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	3.7	1	04/07/21 11:31	04/07/21 17:17	1330-20-7	
m&p-Xylene	ND	ug/kg	12.8	4.4	1	04/07/21 11:31	04/07/21 17:17	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 17:17	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/07/21 11:31	04/07/21 17:17	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/07/21 11:31	04/07/21 17:17	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**19.8**	%	0.10	0.10	1		04/07/21 14:41		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612027
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221515 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/07/21 15:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/07/21 15:47	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/07/21 15:47	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/07/21 15:47	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/07/21 15:47	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/07/21 15:47	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/07/21 15:47	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/07/21 15:47	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/07/21 15:47	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/07/21 15:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/07/21 15:47	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/07/21 15:47	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/07/21 15:47	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/07/21 15:47	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/07/21 15:47	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/07/21 15:47	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
2-Hexanone	ug/kg	ND	50.0	4.8	04/07/21 15:47	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/07/21 15:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/07/21 15:47	
Acetone	ug/kg	ND	100	32.1	04/07/21 15:47	
Benzene	ug/kg	ND	5.0	2.0	04/07/21 15:47	
Bromobenzene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/07/21 15:47	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Bromoform	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Bromomethane	ug/kg	ND	10.0	7.9	04/07/21 15:47	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/07/21 15:47	
Chloroethane	ug/kg	ND	10.0	3.9	04/07/21 15:47	
Chloroform	ug/kg	ND	5.0	3.0	04/07/21 15:47	
Chloromethane	ug/kg	ND	10.0	4.2	04/07/21 15:47	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/07/21 15:47	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

METHOD BLANK: 3221515 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/07/21 15:47	
Dibromomethane	ug/kg	ND	5.0	1.1	04/07/21 15:47	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/07/21 15:47	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/07/21 15:47	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/07/21 15:47	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/07/21 15:47	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/07/21 15:47	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/07/21 15:47	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/07/21 15:47	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/07/21 15:47	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Naphthalene	ug/kg	ND	5.0	2.6	04/07/21 15:47	
o-Xylene	ug/kg	ND	5.0	2.2	04/07/21 15:47	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/07/21 15:47	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/07/21 15:47	
Styrene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
Toluene	ug/kg	ND	5.0	1.4	04/07/21 15:47	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
Trichloroethene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/07/21 15:47	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/07/21 15:47	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/07/21 15:47	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/07/21 15:47	
1,2-Dichloroethane-d4 (S)	%	111	70-130		04/07/21 15:47	
4-Bromofluorobenzene (S)	%	107	69-134		04/07/21 15:47	
Toluene-d8 (S)	%	100	70-130		04/07/21 15:47	

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1180	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1140	91	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1170	93	70-130	
1,1-Dichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1250	100	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1160	93	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1210	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1120	90	68-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1180	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1210	97	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
1,2-Dichloroethane	ug/kg	1250	1190	95	63-130	
1,2-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1070	86	70-130	
1,3-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1130	90	70-130	
2,2-Dichloropropane	ug/kg	1250	1140	91	66-130	
2-Butanone (MEK)	ug/kg	2500	2700	108	70-130	
2-Chlorotoluene	ug/kg	1250	1210	97	70-130	
2-Hexanone	ug/kg	2500	2740	110	70-130	
4-Chlorotoluene	ug/kg	1250	1170	93	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2650	106	70-130	
Acetone	ug/kg	2500	2630	105	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1140	91	70-130	
Bromochloromethane	ug/kg	1250	1180	94	70-130	
Bromodichloromethane	ug/kg	1250	1190	95	69-130	
Bromoform	ug/kg	1250	1210	96	70-130	
Bromomethane	ug/kg	1250	1110	89	52-130	
Carbon tetrachloride	ug/kg	1250	1170	94	70-130	
Chlorobenzene	ug/kg	1250	1150	92	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1100	88	70-130	
Chloromethane	ug/kg	1250	1220	98	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1220	98	70-130	
Dibromomethane	ug/kg	1250	1150	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	97	45-156	
Diisopropyl ether	ug/kg	1250	1240	99	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	95	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	94	70-130	
Methylene Chloride	ug/kg	1250	1300	104	65-130	
n-Butylbenzene	ug/kg	1250	1170	93	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1150	92	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1250	100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1100	88	67-130	
Tetrachloroethene	ug/kg	1250	1110	89	70-130	
Toluene	ug/kg	1250	1170	93	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1120	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1090	88	70-130	
Vinyl acetate	ug/kg	2500	2960	119	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3221518

Parameter	Units	92531524002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	618	660	107	70-131	
1,1,1-Trichloroethane	ug/kg	ND	618	674	109	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	618	653	106	66-130	
1,1,2-Trichloroethane	ug/kg	ND	618	655	106	66-133	
1,1-Dichloroethane	ug/kg	ND	618	641	104	65-130	
1,1-Dichloroethene	ug/kg	ND	618	698	113	10-158	
1,1-Dichloropropene	ug/kg	ND	618	709	115	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	618	674	109	27-138	
1,2,3-Trichloropropane	ug/kg	ND	618	633	102	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	618	657	106	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	618	690	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	618	547	89	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	618	656	106	70-130	
1,2-Dichlorobenzene	ug/kg	ND	618	645	104	69-130	
1,2-Dichloroethane	ug/kg	ND	618	701	113	59-130	
1,2-Dichloropropane	ug/kg	ND	618	735	119	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	618	710	115	65-137	
1,3-Dichlorobenzene	ug/kg	ND	618	644	104	70-130	
1,3-Dichloropropane	ug/kg	ND	618	706	114	70-130	
1,4-Dichlorobenzene	ug/kg	ND	618	639	103	68-130	
2,2-Dichloropropane	ug/kg	ND	618	599	97	32-130	
2-Butanone (MEK)	ug/kg	ND	1240	1340	108	10-136	
2-Chlorotoluene	ug/kg	ND	618	703	114	69-141	
2-Hexanone	ug/kg	ND	1240	1370	111	10-144	
4-Chlorotoluene	ug/kg	ND	618	678	110	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1240	1380	112	25-143	
Acetone	ug/kg	ND	1240	1100	89	10-130	
Benzene	ug/kg	ND	618	707	114	67-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

MATRIX SPIKE SAMPLE: 3221518

Parameter	Units	92531524002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	618	647	105	70-130	
Bromochloromethane	ug/kg	ND	618	628	102	69-134	
Bromodichloromethane	ug/kg	ND	618	648	105	64-130	
Bromoform	ug/kg	ND	618	582	94	62-130	
Bromomethane	ug/kg	ND	618	572	93	20-176	
Carbon tetrachloride	ug/kg	ND	618	652	106	65-140	
Chlorobenzene	ug/kg	ND	618	667	108	70-130	
Chloroethane	ug/kg	ND	618	273	44	10-130	
Chloroform	ug/kg	ND	618	629	102	63-130	
Chloromethane	ug/kg	ND	618	807	131	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	618	705	114	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	618	678	110	67-130	
Dibromochloromethane	ug/kg	ND	618	629	102	67-130	
Dibromomethane	ug/kg	ND	618	608	98	63-131	
Dichlorodifluoromethane	ug/kg	ND	618	749	121	44-180	
Diisopropyl ether	ug/kg	ND	618	689	112	63-130	
Ethylbenzene	ug/kg	ND	618	673	109	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	618	736	119	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	618	728	118	69-135	
m&p-Xylene	ug/kg	ND	1240	1440	117	60-133	
Methyl-tert-butyl ether	ug/kg	ND	618	630	102	65-130	
Methylene Chloride	ug/kg	ND	618	701	113	61-130	
n-Butylbenzene	ug/kg	ND	618	703	114	65-140	
n-Propylbenzene	ug/kg	ND	618	707	114	67-140	
Naphthalene	ug/kg	5.2J	618	638	102	15-145	
o-Xylene	ug/kg	ND	618	699	113	66-133	
p-Isopropyltoluene	ug/kg	ND	618	685	111	56-147	
sec-Butylbenzene	ug/kg	ND	618	689	112	65-139	
Styrene	ug/kg	ND	618	710	115	70-132	
tert-Butylbenzene	ug/kg	ND	618	679	110	62-135	
Tetrachloroethene	ug/kg	ND	618	656	106	70-135	
Toluene	ug/kg	3.7J	618	696	112	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	618	699	113	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	618	657	106	62-130	
Trichloroethene	ug/kg	ND	618	656	106	70-135	
Trichlorofluoromethane	ug/kg	ND	618	241	39	10-130	
Vinyl acetate	ug/kg	ND	1240	1510	122	53-130	
Vinyl chloride	ug/kg	ND	618	725	117	61-148	
Xylene (Total)	ug/kg	ND	1860	2140	115	63-132	
1,2-Dichloroethane-d4 (S)	%				112	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				103	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221517

Parameter	Units	92531524001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	8.3J	6.8J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	98.3J	89.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221517

Parameter	Units	92531524001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	13.2J	14.3J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	17.4	16.0	8	30	
o-Xylene	ug/kg	8.3J	8.9J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	10.9J	9.4J		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	21.6J	ND		30	
1,2-Dichloroethane-d4 (S)	%	110	116			
4-Bromofluorobenzene (S)	%	111	115			
Toluene-d8 (S)	%	102	102			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 611971
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221183 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/07/21 21:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/07/21 21:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/07/21 21:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/07/21 21:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/07/21 21:36	
Decachlorobiphenyl (S)	%	69	10-160		04/07/21 21:36	

LABORATORY CONTROL SAMPLE: 3221184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	134	79	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	132	78	47-139	
Decachlorobiphenyl (S)	%			68	10-160	

MATRIX SPIKE SAMPLE: 3221185

Parameter	Units	92531093001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	277	221	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	277	195	70	10-142	
Decachlorobiphenyl (S)	%				66	10-160	

SAMPLE DUPLICATE: 3221186

Parameter	Units	92531093002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	68	70			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 611973
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221187 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/08/21 06:31	
2-Fluorobiphenyl (S)	%	91	31-130		04/08/21 06:31	
Nitrobenzene-d5 (S)	%	102	32-130		04/08/21 06:31	
Terphenyl-d14 (S)	%	117	24-130		04/08/21 06:31	

LABORATORY CONTROL SAMPLE: 3221188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	23.9	71	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			123	32-130	
Terphenyl-d14 (S)	%			133	24-130	S0

MATRIX SPIKE SAMPLE: 3221189

Parameter	Units	92531524001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	5.9J	59.5	55.8	84	10-130	
2-Fluorobiphenyl (S)	%				74	31-130	
Nitrobenzene-d5 (S)	%				87	32-130	
Terphenyl-d14 (S)	%				101	24-130	

SAMPLE DUPLICATE: 3221190

Parameter	Units	92531524002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	15.2	11.6J		30	
2-Fluorobiphenyl (S)	%	40	44			
Nitrobenzene-d5 (S)	%	75	78			
Terphenyl-d14 (S)	%	63	73			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612090
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221849 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	328	115	04/08/21 08:13	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	328	156	04/08/21 08:13	
2,4,5-Trichlorophenol	ug/kg	ND	328	150	04/08/21 08:13	
2,4,6-Trichlorophenol	ug/kg	ND	328	135	04/08/21 08:13	
2,4-Dichlorophenol	ug/kg	ND	328	128	04/08/21 08:13	
2,4-Dimethylphenol	ug/kg	ND	328	136	04/08/21 08:13	
2,4-Dinitrophenol	ug/kg	ND	1640	1010	04/08/21 08:13	
2,4-Dinitrotoluene	ug/kg	ND	328	126	04/08/21 08:13	
2,6-Dinitrotoluene	ug/kg	ND	328	120	04/08/21 08:13	
2-Chloronaphthalene	ug/kg	ND	328	130	04/08/21 08:13	
2-Chlorophenol	ug/kg	ND	328	123	04/08/21 08:13	
2-Methylnaphthalene	ug/kg	ND	328	131	04/08/21 08:13	
2-Methylphenol(o-Cresol)	ug/kg	ND	328	134	04/08/21 08:13	
2-Nitroaniline	ug/kg	ND	1640	268	04/08/21 08:13	
2-Nitrophenol	ug/kg	ND	328	142	04/08/21 08:13	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	328	132	04/08/21 08:13	
3,3'-Dichlorobenzidine	ug/kg	ND	656	222	04/08/21 08:13	IL
3-Nitroaniline	ug/kg	ND	1640	257	04/08/21 08:13	
4,6-Dinitro-2-methylphenol	ug/kg	ND	656	306	04/08/21 08:13	
4-Bromophenylphenyl ether	ug/kg	ND	328	126	04/08/21 08:13	
4-Chloro-3-methylphenol	ug/kg	ND	656	230	04/08/21 08:13	
4-Chloroaniline	ug/kg	ND	656	257	04/08/21 08:13	
4-Chlorophenylphenyl ether	ug/kg	ND	328	122	04/08/21 08:13	
4-Nitroaniline	ug/kg	ND	656	249	04/08/21 08:13	
4-Nitrophenol	ug/kg	ND	1640	634	04/08/21 08:13	
Acenaphthene	ug/kg	ND	328	115	04/08/21 08:13	
Acenaphthylene	ug/kg	ND	328	115	04/08/21 08:13	
Aniline	ug/kg	ND	328	128	04/08/21 08:13	
Anthracene	ug/kg	ND	328	107	04/08/21 08:13	
Benzo(a)anthracene	ug/kg	ND	328	109	04/08/21 08:13	
Benzo(b)fluoranthene	ug/kg	ND	328	109	04/08/21 08:13	
Benzo(g,h,i)perylene	ug/kg	ND	328	127	04/08/21 08:13	
Benzo(k)fluoranthene	ug/kg	ND	328	115	04/08/21 08:13	
Benzoic Acid	ug/kg	ND	1640	704	04/08/21 08:13	
Benzyl alcohol	ug/kg	ND	656	248	04/08/21 08:13	
bis(2-Chloroethoxy)methane	ug/kg	ND	328	136	04/08/21 08:13	
bis(2-Chloroethyl) ether	ug/kg	ND	328	123	04/08/21 08:13	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	328	127	04/08/21 08:13	
Butylbenzylphthalate	ug/kg	ND	328	138	04/08/21 08:13	
Chrysene	ug/kg	ND	328	119	04/08/21 08:13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

METHOD BLANK: 3221849 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	328	110	04/08/21 08:13	
Di-n-octylphthalate	ug/kg	ND	328	129	04/08/21 08:13	
Dibenz(a,h)anthracene	ug/kg	ND	328	126	04/08/21 08:13	
Dibenzofuran	ug/kg	ND	328	118	04/08/21 08:13	
Diethylphthalate	ug/kg	ND	328	120	04/08/21 08:13	
Dimethylphthalate	ug/kg	ND	328	119	04/08/21 08:13	
Fluoranthene	ug/kg	ND	328	112	04/08/21 08:13	
Fluorene	ug/kg	ND	328	115	04/08/21 08:13	
Hexachlorobenzene	ug/kg	ND	328	128	04/08/21 08:13	
Hexachlorocyclopentadiene	ug/kg	ND	328	188	04/08/21 08:13	
Hexachloroethane	ug/kg	ND	328	125	04/08/21 08:13	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	328	129	04/08/21 08:13	
Isophorone	ug/kg	ND	328	146	04/08/21 08:13	
N-Nitroso-di-n-propylamine	ug/kg	ND	328	123	04/08/21 08:13	
N-Nitrosodimethylamine	ug/kg	ND	328	110	04/08/21 08:13	
N-Nitrosodiphenylamine	ug/kg	ND	328	116	04/08/21 08:13	
Nitrobenzene	ug/kg	ND	328	152	04/08/21 08:13	
Pentachlorophenol	ug/kg	ND	656	321	04/08/21 08:13	
Phenanthrene	ug/kg	ND	328	107	04/08/21 08:13	
Phenol	ug/kg	ND	328	146	04/08/21 08:13	
Pyrene	ug/kg	ND	328	133	04/08/21 08:13	
Pyridine	ug/kg	ND	328	103	04/08/21 08:13	
2,4,6-Tribromophenol (S)	%	82	18-130		04/08/21 08:13	
2-Fluorobiphenyl (S)	%	69	19-130		04/08/21 08:13	
2-Fluorophenol (S)	%	64	18-130		04/08/21 08:13	
Nitrobenzene-d5 (S)	%	73	21-130		04/08/21 08:13	
Phenol-d6 (S)	%	68	18-130		04/08/21 08:13	
Terphenyl-d14 (S)	%	70	15-130		04/08/21 08:13	

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1660	1310	79	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1660	1180	71	38-130	
2,4,5-Trichlorophenol	ug/kg	1660	1400	84	49-130	
2,4,6-Trichlorophenol	ug/kg	1660	1330	80	50-130	
2,4-Dichlorophenol	ug/kg	1660	1370	82	51-130	
2,4-Dimethylphenol	ug/kg	1660	1400	84	53-130	
2,4-Dinitrophenol	ug/kg	8310	5640	68	39-130	
2,4-Dinitrotoluene	ug/kg	1660	1380	83	53-130	
2,6-Dinitrotoluene	ug/kg	1660	1370	82	55-130	
2-Chloronaphthalene	ug/kg	1660	1350	81	48-130	
2-Chlorophenol	ug/kg	1660	1220	74	54-130	
2-Methylnaphthalene	ug/kg	1660	1270	77	57-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1660	1260	76	50-130	
2-Nitroaniline	ug/kg	3320	2630	79	49-130	
2-Nitrophenol	ug/kg	1660	1330	80	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1660	1280	77	50-130	
3,3'-Dichlorobenzidine	ug/kg	3320	2480	75	47-130	IL
3-Nitroaniline	ug/kg	3320	2290	69	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3320	2530	76	50-142	
4-Bromophenylphenyl ether	ug/kg	1660	1450	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3320	2780	84	52-130	
4-Chloroaniline	ug/kg	3320	2490	75	49-130	
4-Chlorophenylphenyl ether	ug/kg	1660	1430	86	53-130	
4-Nitroaniline	ug/kg	3320	2470	74	51-130	
4-Nitrophenol	ug/kg	8310	6790	82	40-130	
Acenaphthene	ug/kg	1660	1380	83	56-130	
Acenaphthylene	ug/kg	1660	1360	82	58-130	
Aniline	ug/kg	1660	1090	66	44-130	
Anthracene	ug/kg	1660	1390	84	60-130	
Benzo(a)anthracene	ug/kg	1660	1450	87	59-130	
Benzo(b)fluoranthene	ug/kg	1660	1460	88	54-130	
Benzo(g,h,i)perylene	ug/kg	1660	1420	85	59-130	
Benzo(k)fluoranthene	ug/kg	1660	1500	90	54-130	
Benzoic Acid	ug/kg	8310	4880	59	19-130	
Benzyl alcohol	ug/kg	3320	2540	76	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1660	1350	81	55-130	
bis(2-Chloroethyl) ether	ug/kg	1660	1350	81	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1660	1300	79	58-130	
Butylbenzylphthalate	ug/kg	1660	1310	79	46-138	
Chrysene	ug/kg	1660	1420	86	57-130	
Di-n-butylphthalate	ug/kg	1660	1350	81	57-130	
Di-n-octylphthalate	ug/kg	1660	1340	80	57-130	
Dibenz(a,h)anthracene	ug/kg	1660	1420	85	60-130	
Dibenzofuran	ug/kg	1660	1410	85	54-130	
Diethylphthalate	ug/kg	1660	1360	82	55-130	
Dimethylphthalate	ug/kg	1660	1350	81	57-130	
Fluoranthene	ug/kg	1660	1440	87	57-130	
Fluorene	ug/kg	1660	1410	85	56-130	
Hexachlorobenzene	ug/kg	1660	1410	85	53-130	
Hexachlorocyclopentadiene	ug/kg	1660	1080	65	23-130	
Hexachloroethane	ug/kg	1660	1260	76	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1660	1450	87	61-130	
Isophorone	ug/kg	1660	1210	73	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1660	1310	79	52-130	
N-Nitrosodimethylamine	ug/kg	1660	1260	76	45-130	
N-Nitrosodiphenylamine	ug/kg	1660	1350	81	56-130	
Nitrobenzene	ug/kg	1660	1330	80	50-130	
Pentachlorophenol	ug/kg	3320	2690	81	33-130	
Phenanthrene	ug/kg	1660	1430	86	60-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1660	1400	84	54-130	
Pyrene	ug/kg	1660	1400	84	61-130	
Pyridine	ug/kg	1660	842	51	35-130	
2,4,6-Tribromophenol (S)	%			81	18-130	
2-Fluorobiphenyl (S)	%			71	19-130	
2-Fluorophenol (S)	%			71	18-130	
Nitrobenzene-d5 (S)	%			73	21-130	
Phenol-d6 (S)	%			71	18-130	
Terphenyl-d14 (S)	%			63	15-130	

MATRIX SPIKE SAMPLE: 3221851

Parameter	Units	92531024002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1940	1570	66	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1940	1160	60	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1940	1480	76	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1940	1440	74	23-130	
2,4-Dichlorophenol	ug/kg	ND	1940	1390	72	29-130	
2,4-Dimethylphenol	ug/kg	ND	1940	1090	56	13-130	
2,4-Dinitrophenol	ug/kg	ND	9720	4050	42	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1940	1500	77	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1940	1480	76	36-130	
2-Chloronaphthalene	ug/kg	ND	1940	1450	75	27-130	
2-Chlorophenol	ug/kg	ND	1940	1220	63	29-130	
2-Methylnaphthalene	ug/kg	419	1940	1530	57	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1940	1120	58	20-130	
2-Nitroaniline	ug/kg	ND	3890	2780	72	29-130	
2-Nitrophenol	ug/kg	ND	1940	1340	69	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1940	1200	62	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3890	2070	53	15-130	IL
3-Nitroaniline	ug/kg	ND	3890	2590	67	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3890	2130	55	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1940	1500	77	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3890	2930	75	30-130	
4-Chloroaniline	ug/kg	ND	3890	2480	64	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1940	1550	80	32-130	
4-Nitroaniline	ug/kg	ND	3890	2680	69	30-130	
4-Nitrophenol	ug/kg	ND	9720	7800	80	17-130	
Acenaphthene	ug/kg	ND	1940	1510	78	29-130	
Acenaphthylene	ug/kg	ND	1940	1490	77	31-130	
Aniline	ug/kg	ND	1940	947	49	10-130	
Anthracene	ug/kg	ND	1940	1580	81	33-130	
Benzo(a)anthracene	ug/kg	ND	1940	1560	80	32-130	
Benzo(b)fluoranthene	ug/kg	ND	1940	1570	81	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1940	1420	71	28-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

MATRIX SPIKE SAMPLE: 3221851

Parameter	Units	92531024002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	1940	1530	79	31-130	
Benzoic Acid	ug/kg	ND	9720	2930	30	10-130	
Benzyl alcohol	ug/kg	ND	3890	2690	69	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1940	1310	67	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1940	1280	66	68-130	M1
bis(2-Ethylhexyl)phthalate	ug/kg	438	1940	1860	73	40-130	
Butylbenzylphthalate	ug/kg	ND	1940	1490	76	40-130	
Chrysene	ug/kg	ND	1940	1570	79	30-130	
Di-n-butylphthalate	ug/kg	ND	1940	1350	69	41-130	
Di-n-octylphthalate	ug/kg	ND	1940	1580	81	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1940	1490	77	27-130	
Dibenzofuran	ug/kg	ND	1940	1580	81	32-130	
Diethylphthalate	ug/kg	ND	1940	1460	75	40-130	
Dimethylphthalate	ug/kg	ND	1940	1430	74	37-130	
Fluoranthene	ug/kg	ND	1940	1450	72	26-130	
Fluorene	ug/kg	ND	1940	1560	80	31-130	
Hexachlorobenzene	ug/kg	ND	1940	1540	79	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1940	1000	51	10-130	
Hexachloroethane	ug/kg	ND	1940	1320	68	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1940	1460	75	28-130	
Isophorone	ug/kg	ND	1940	1270	65	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1940	1370	70	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1940	1090	56	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1940	1540	79	32-130	
Nitrobenzene	ug/kg	ND	1940	1400	72	25-130	
Pentachlorophenol	ug/kg	ND	3890	2910	75	10-130	
Phenanthrene	ug/kg	ND	1940	1580	78	34-130	
Phenol	ug/kg	ND	1940	1290	67	14-130	
Pyrene	ug/kg	ND	1940	1660	82	31-130	
Pyridine	ug/kg	ND	1940	754	39	10-130	
2,4,6-Tribromophenol (S)	%				77	18-130	
2-Fluorobiphenyl (S)	%				65	19-130	
2-Fluorophenol (S)	%				53	18-130	
Nitrobenzene-d5 (S)	%				65	21-130	
Phenol-d6 (S)	%				57	18-130	
Terphenyl-d14 (S)	%				59	15-130	

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	73	83			
2-Fluorobiphenyl (S)	%	63	68			
2-Fluorophenol (S)	%	61	58			
Nitrobenzene-d5 (S)	%	65	67			
Phenol-d6 (S)	%	63	65			
Terphenyl-d14 (S)	%	53	66			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612114
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

SAMPLE DUPLICATE: 3221994

Parameter	Units	92531516001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	17.6	2	25	N2

SAMPLE DUPLICATE: 3221995

Parameter	Units	92531627005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.2	7.4	21	25	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
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.
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.

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531524001	**SW-18**	EPA 3546	611971	EPA 8082A	612281
92531524002	**SW-19**	EPA 3546	611971	EPA 8082A	612281
92531524003	**SW-20**	EPA 3546	611971	EPA 8082A	612281
92531524004	**SW-21**	EPA 3546	611971	EPA 8082A	612281
92531524001	**SW-18**	EPA 3546	611973	EPA 8270E	612273
92531524002	**SW-19**	EPA 3546	611973	EPA 8270E	612273
92531524003	**SW-20**	EPA 3546	611973	EPA 8270E	612273
92531524004	**SW-21**	EPA 3546	611973	EPA 8270E	612273
92531524001	**SW-18**	EPA 3546	612090	EPA 8270E	612299
92531524002	**SW-19**	EPA 3546	612090	EPA 8270E	612299
92531524003	**SW-20**	EPA 3546	612090	EPA 8270E	612299
92531524004	**SW-21**	EPA 3546	612090	EPA 8270E	612299
92531524001	**SW-18**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524002	**SW-19**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524003	**SW-20**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524004	**SW-21**	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524001	**SW-18**	SW-846	612114		
92531524002	**SW-19**	SW-846	612114		
92531524003	**SW-20**	SW-846	612114		
92531524004	**SW-21**	SW-846	612114		

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville [X] Eden [ ] Greenwood [ ] Huntersville [ ] Raleigh [ ] Mechanicsville [ ] Atlanta [ ] Kernersville [ ]

Sample Condition Upon Receipt

Client Name: Synterra

Project #:

WO# : 92531524

92531524

Courier: [ ] Commercial [X] Pace [ ] Fed Ex [ ] UPS [ ] USPS [ ] Other: [ ] Client

Custody Seal Present? [ ] Yes [X] No **Seals Intact?** [ ] Yes [X] No

Date/Initials Person Examining Contents: 4-6-21 AR

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other

Biological Tissue Frozen? [ ] Yes [ ] No [X] N/A

Thermometer: [X] IR Gun ID: 93-T071 **Type of Ice:** [X] Wet [ ] Blue [ ] None

Cooler Temp: 4.2 **Correction Factor:** Add/Subtract (°C) 0

Cooler Temp Corrected (°C): 4.2

Temp should be above freezing to 6°C
[ ] Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil ([ ] N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? [X] Yes [ ] No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? [ ] Yes [X] No

				Comments/Discrepancy:
Chain of Custody Present?	[X] Yes	[ ] No	[ ] N/A	1.
Samples Arrived within Hold Time?	[X] Yes	[ ] No	[ ] N/A	2.
Short Hold Time Analysis (<72 hr.)?	[ ] Yes	[X] No	[ ] N/A	3.
Rush Turn Around Time Requested?	[ ] Yes	[X] No	[ ] N/A	4.
Sufficient Volume?	[X] Yes	[ ] No	[ ] N/A	5.
Correct Containers Used?	[X] Yes	[ ] No	[ ] N/A	6.
-Pace Containers Used?	[X] Yes	[ ] No	[ ] N/A	
Containers Intact?	[X] Yes	[ ] No	[ ] N/A	7.
Dissolved analysis: Samples Field Filtered?	[ ] Yes	[ ] No	[X] N/A	8.
Sample Labels Match COC?	[X] Yes	[ ] No	[ ] N/A	9.
-Includes Date/Time/ID/Analysis Matrix: SL				
Headspace in VOA Vials (>5-6mm)?	[ ] Yes	[ ] No	[X] N/A	10. Soils
Trip Blank Present?	[ ] Yes	[ ] No	[X] N/A	11.
Trip Blank Custody Seals Present?	[ ] Yes	[ ] No	[X] N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? [ ] Yes [ ] No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project # WO#: 92531524

PM: KLH1 Due Date: 04/13/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1									2													1						
2									2													1						
3									2													1						
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street	Copy To:		Company Name:	
Suite 220, Greenville, SC 29601				Address:	Regulatory Agency
Email:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	(803)429-3668 Fax	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	kevin.herring@pacelabs.com, State / Location
Requested Due Date:		Project #:		Pace Profile #:	7754 SC

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): 8260	8270 & 8270 LV	8082 PCB's	Residual Chlorine (Y/N)
1	SW-18_SE_20210405	SL	C			04/05/21	1035		3	2						1			1	1	1	
2	SW-19_SE_20210405	"	"			"	1110		"	"						"			"	"	"	
3	SW-20_SE_20210405	"	"			"	1245		"	"						"			"	"	"	
4	SW-21_SE_20800405	SL	C (FIELD)			04/05/21	1200		3	2						1			1	1	1	
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	SYN	04/05/21	1430	SYNTERRA COLD STORAGE	04/05/21	1430	
STANDARD TURN	Synterra Cold Storage	4/6/21	0830	[illegible] / Syn	4/6/21	0830	
	Syn	4-6-21	1210	[illegible] / Pace	4-6-21	1210	
	Pace	4-6-21	1415	Airbucker / PACE / AVL	4-6-21	1415	4.2 Y N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: LEE DRAGO

SIGNATURE of SAMPLER: [signature] DATE Signed: 04/05/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
4.2	Y	N	Y

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

April 13, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring
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1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
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Rick Powell
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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531521001	**SW-18**	Water	04/05/21 10:30	04/06/21 12:10
92531521002	**SW-19**	Water	04/05/21 11:00	04/06/21 12:10
92531521003	**SW-20**	Water	04/05/21 12:30	04/06/21 12:10
92531521004	**SW-21**	Water	04/05/21 11:50	04/06/21 12:10
92531521005	**TRIP BLANK**	Water	04/06/21 00:00	04/06/21 12:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531521001	**SW-18**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521002	**SW-19**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521003	**SW-20**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521004	**SW-21**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521005	**TRIP BLANK**	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 13, 2021

General Information:
4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

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: 612586

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: 3224640)
  - Indeno(1,2,3-cd)pyrene
  - Pyrene

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 13, 2021

General Information:
4 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: 612981

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3226437)
  - 2-Fluorobiphenyl (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

General Information:
5 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: 611991

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: 3221356)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3221357)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3221358)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MSD (Lab ID: 3221359)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- SW-18 (Lab ID: 92531521001)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- SW-19 (Lab ID: 92531521002)
  - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

QC Batch: 611991

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene

- SW-20 (Lab ID: 92531521003)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- SW-21 (Lab ID: 92531521004)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531521005)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 611991

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: 3221356)
  - Methylene Chloride
- SW-18 (Lab ID: 92531521001)
  - Methylene Chloride
- SW-19 (Lab ID: 92531521002)
  - Methylene Chloride
- SW-20 (Lab ID: 92531521003)
  - Methylene Chloride
- SW-21 (Lab ID: 92531521004)
  - Methylene Chloride
- TRIP BLANK (Lab ID: 92531521005)
  - Methylene Chloride

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3221357)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

QC Batch: 611991

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- Methylene Chloride
- MS (Lab ID: 3221358)
  - Methylene Chloride
- MSD (Lab ID: 3221359)
  - Methylene Chloride

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: 611991

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531196002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3221358)
  - Toluene
- MSD (Lab ID: 3221359)
  - Toluene

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 15:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 15:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 15:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 15:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 15:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 15:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 15:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 15:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 15:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 15:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 15:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 15:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 15:26	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 15:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 15:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 15:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	04/09/21 07:03	04/09/21 15:26	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/09/21 07:03	04/09/21 15:26	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/09/21 07:03	04/09/21 15:26	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	04/09/21 07:03	04/09/21 15:26	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	04/09/21 07:03	04/09/21 15:26	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	04/09/21 07:03	04/09/21 15:26	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 14:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	67-170		1	04/12/21 10:54	04/12/21 14:43	4165-60-0	
2-Fluorobiphenyl (S)	116	%	61-163		1	04/12/21 10:54	04/12/21 14:43	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	04/12/21 10:54	04/12/21 14:43	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		04/07/21 16:55	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 16:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 16:55	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 16:55	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 16:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 16:55	75-00-3	

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 16:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 16:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 16:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 16:55	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 16:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 16:55	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 16:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 16:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 16:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 16:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 16:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 16:55	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 16:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 16:55	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 16:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 16:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 16:55	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 16:55	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 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		04/07/21 16:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 16:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/07/21 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		04/07/21 16:55	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		04/07/21 16:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 15:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 15:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 15:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 15:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 15:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 15:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 15:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 15:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 15:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 15:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 15:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 15:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 15:52	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 15:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 15:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 15:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 15:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	04/09/21 07:03	04/09/21 15:52	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/09/21 07:03	04/09/21 15:52	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	04/09/21 07:03	04/09/21 15:52	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	04/09/21 07:03	04/09/21 15:52	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	04/09/21 07:03	04/09/21 15:52	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-144		1	04/09/21 07:03	04/09/21 15:52	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 15:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	04/12/21 10:54	04/12/21 15:06	4165-60-0	
2-Fluorobiphenyl (S)	134	%	61-163		1	04/12/21 10:54	04/12/21 15:06	321-60-8	
Terphenyl-d14 (S)	109	%	62-169		1	04/12/21 10:54	04/12/21 15:06	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		04/07/21 17:12	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:12	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:12	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:12	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 17:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:12	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:12	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:12	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:12	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:12	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:12	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:12	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 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		04/07/21 17:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/07/21 17:12	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 17:12	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		04/07/21 17:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 16:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 16:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 16:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 16:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 16:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 16:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 16:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 16:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 16:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 16:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 16:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 16:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 16:17	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:17	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 16:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 16:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 16:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	04/09/21 07:03	04/09/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	04/09/21 07:03	04/09/21 16:17	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/09/21 07:03	04/09/21 16:17	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	04/09/21 07:03	04/09/21 16:17	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	04/09/21 07:03	04/09/21 16:17	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-144		1	04/09/21 07:03	04/09/21 16:17	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 15:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	67-170		1	04/12/21 10:54	04/12/21 15:27	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	04/12/21 10:54	04/12/21 15:27	321-60-8	
Terphenyl-d14 (S)	109	%	62-169		1	04/12/21 10:54	04/12/21 15:27	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		04/07/21 17:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:30	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:30	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:30	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 17:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:30	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:30	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:30	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:30	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:30	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 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		04/07/21 17:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/07/21 17:30	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		04/07/21 17:30	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		04/07/21 17:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 16:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 16:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 16:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 16:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 16:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 16:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 16:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 16:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 16:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 16:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 16:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 16:43	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 16:43	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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	04/09/21 07:03	04/09/21 16:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 16:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 16:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 16:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:43	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-144		1	04/09/21 07:03	04/09/21 16:43	4165-60-0	
2-Fluorobiphenyl (S)	68	%	10-130		1	04/09/21 07:03	04/09/21 16:43	321-60-8	
Terphenyl-d14 (S)	74	%	34-163		1	04/09/21 07:03	04/09/21 16:43	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	04/09/21 07:03	04/09/21 16:43	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	04/09/21 07:03	04/09/21 16:43	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	04/09/21 07:03	04/09/21 16:43	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	04/12/21 10:54	04/12/21 16:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	04/12/21 10:54	04/12/21 16:35	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	04/12/21 10:54	04/12/21 16:35	321-60-8	
Terphenyl-d14 (S)	84	%	62-169		1	04/12/21 10:54	04/12/21 16:35	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		04/07/21 17:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:47	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:47	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:47	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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	5.0	1.6	1		04/07/21 17:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:47	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:47	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:47	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:47	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:47	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 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		04/07/21 17:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/07/21 17:47	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 17:47	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/07/21 17:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: TRIP BLANK **Lab ID: 92531521005** Collected: 04/06/21 00:00 Received: 04/06/21 12:10 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		04/07/21 11:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 11:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 11:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 11:57	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 11:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 11:57	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 11:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 11:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 11:57	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 11:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 11:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 11:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 11:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 11:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 11:57	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 11:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 11:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 11:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 11:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 11:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 11:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 11:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 11:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 11:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 11:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 11:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 11:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 11:57	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 11:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 11:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 11:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 11:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 11:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 11:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 11:57	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 11:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 11:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 11:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 11:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 11:57	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: TRIP BLANK **Lab ID: 92531521005** Collected: 04/06/21 00:00 Received: 04/06/21 12:10 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		04/07/21 11:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 11:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 11:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 11:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 11:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 11:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 11:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 11:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 11:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 11:57	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 11:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 11:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 11:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/07/21 11:57	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 11:57	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/07/21 11:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 611991
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

METHOD BLANK: 3221356 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/07/21 11:40	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/07/21 11:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/07/21 11:40	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/07/21 11:40	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/07/21 11:40	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/07/21 11:40	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/07/21 11:40	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/07/21 11:40	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/07/21 11:40	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/07/21 11:40	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/07/21 11:40	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/07/21 11:40	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/07/21 11:40	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/07/21 11:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/07/21 11:40	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/07/21 11:40	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/07/21 11:40	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/07/21 11:40	
2-Hexanone	ug/L	ND	5.0	0.48	04/07/21 11:40	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/07/21 11:40	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/07/21 11:40	
Acetone	ug/L	ND	25.0	5.1	04/07/21 11:40	
Benzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
Bromobenzene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Bromochloromethane	ug/L	ND	1.0	0.47	04/07/21 11:40	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/07/21 11:40	
Bromoform	ug/L	ND	1.0	0.34	04/07/21 11:40	IK
Bromomethane	ug/L	ND	2.0	1.7	04/07/21 11:40	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/07/21 11:40	
Chlorobenzene	ug/L	ND	1.0	0.28	04/07/21 11:40	
Chloroethane	ug/L	ND	1.0	0.65	04/07/21 11:40	
Chloroform	ug/L	ND	5.0	1.6	04/07/21 11:40	
Chloromethane	ug/L	ND	1.0	0.54	04/07/21 11:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/07/21 11:40	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/07/21 11:40	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/07/21 11:40	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/07/21 11:40	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/07/21 11:40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

METHOD BLANK: 3221356 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/07/21 11:40	
Ethylbenzene	ug/L	ND	1.0	0.30	04/07/21 11:40	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/07/21 11:40	
m&p-Xylene	ug/L	ND	2.0	0.71	04/07/21 11:40	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/07/21 11:40	
Methylene Chloride	ug/L	ND	5.0	2.0	04/07/21 11:40	v2
Naphthalene	ug/L	ND	1.0	0.64	04/07/21 11:40	
o-Xylene	ug/L	ND	1.0	0.34	04/07/21 11:40	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/07/21 11:40	
Styrene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Toluene	ug/L	ND	1.0	0.48	04/07/21 11:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/07/21 11:40	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/07/21 11:40	
Trichloroethene	ug/L	ND	1.0	0.38	04/07/21 11:40	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/07/21 11:40	
Vinyl acetate	ug/L	ND	2.0	1.3	04/07/21 11:40	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/07/21 11:40	
Xylene (Total)	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,2-Dichloroethane-d4 (S)	%	90	70-130		04/07/21 11:40	
4-Bromofluorobenzene (S)	%	99	70-130		04/07/21 11:40	
Toluene-d8 (S)	%	113	70-130		04/07/21 11:40	

LABORATORY CONTROL SAMPLE: 3221357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.3	89	70-130	
1,1,1-Trichloroethane	ug/L	50	59.0	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.1	92	70-130	
1,1,2-Trichloroethane	ug/L	50	44.3	89	70-130	
1,1-Dichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethene	ug/L	50	51.8	104	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.6	111	70-130	
1,2,3-Trichloropropane	ug/L	50	47.4	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	56.2	112	70-130	
1,3-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,3-Dichloropropane	ug/L	50	45.3	91	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
2,2-Dichloropropane	ug/L	50	60.2	120	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3221357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	IK
2-Chlorotoluene	ug/L	50	51.6	103	70-130	
2-Hexanone	ug/L	100	89.9	90	70-130	
4-Chlorotoluene	ug/L	50	49.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	87.4	87	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	56.2	112	70-130	
Bromobenzene	ug/L	50	51.7	103	70-130	
Bromochloromethane	ug/L	50	59.3	119	70-130	
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	44.5	89	70-130	IK
Bromomethane	ug/L	50	54.6	109	70-130	
Carbon tetrachloride	ug/L	50	58.4	117	70-130	
Chlorobenzene	ug/L	50	50.8	102	70-130	
Chloroethane	ug/L	50	50.3	101	70-130	
Chloroform	ug/L	50	56.7	113	70-130	
Chloromethane	ug/L	50	48.3	97	70-130	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	IK
Dibromochloromethane	ug/L	50	47.5	95	70-130	IK
Dibromomethane	ug/L	50	50.3	101	70-130	
Dichlorodifluoromethane	ug/L	50	52.3	105	70-130	
Diisopropyl ether	ug/L	50	52.3	105	70-130	
Ethylbenzene	ug/L	50	50.5	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	43.1	86	70-130	v3
Naphthalene	ug/L	50	51.4	103	70-130	
o-Xylene	ug/L	50	51.5	103	70-130	
p-Isopropyltoluene	ug/L	50	53.9	108	70-130	
Styrene	ug/L	50	50.6	101	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	49.8	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.7	87	70-130	
Trichloroethene	ug/L	50	59.7	119	70-130	
Trichlorofluoromethane	ug/L	50	49.5	99	70-130	
Vinyl acetate	ug/L	100	108	108	70-130	IK
Vinyl chloride	ug/L	50	49.3	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221358 3221359

Parameter	Units	92531196002 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	2500	2500	2110	2380	85	95	73-134	12	30	
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2870	3220	115	129	82-143	12	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2120	2540	85	102	70-136	18	30	
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2320	2510	93	100	70-135	8	30	
1,1-Dichloroethane	ug/L	ND	2500	2500	2620	2930	105	117	70-139	11	30	
1,1-Dichloroethene	ug/L	ND	2500	2500	2400	2690	96	108	70-154	11	30	
1,1-Dichloropropene	ug/L	ND	2500	2500	2270	2670	91	107	70-149	16	30	
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	2470	2670	99	107	70-135	8	30	
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2230	2490	89	100	71-137	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2260	2680	90	107	73-140	17	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2310	2680	92	107	65-134	15	30	
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2350	2710	94	108	70-133	14	30	
1,2-Dichloroethane	ug/L	ND	2500	2500	2610	2820	104	113	70-137	8	30	
1,2-Dichloropropane	ug/L	ND	2500	2500	2600	2740	104	110	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2340	2690	94	107	70-135	14	30	
1,3-Dichloropropane	ug/L	ND	2500	2500	2010	2290	80	92	70-143	13	30	
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2420	2640	97	106	70-133	9	30	
2,2-Dichloropropane	ug/L	ND	2500	2500	2580	2900	103	116	61-148	12	30	
2-Butanone (MEK)	ug/L	ND	5000	5000	4700	5180	94	104	60-139	10	30	IK
2-Chlorotoluene	ug/L	ND	2500	2500	2160	2460	86	98	70-144	13	30	
2-Hexanone	ug/L	ND	5000	5000	3980	4610	80	92	65-138	15	30	
4-Chlorotoluene	ug/L	ND	2500	2500	2330	2590	93	104	70-137	10	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	5000	4020	4490	80	90	65-135	11	30	
Acetone	ug/L	ND	5000	5000	4630	5120	93	102	60-148	10	30	
Benzene	ug/L	3070	2500	2500	6070	6360	120	132	70-151	5	30	
Bromobenzene	ug/L	ND	2500	2500	2520	2660	101	106	70-136	5	30	
Bromochloromethane	ug/L	ND	2500	2500	2720	2960	109	118	70-141	8	30	
Bromodichloromethane	ug/L	ND	2500	2500	2520	2760	101	110	70-138	9	30	
Bromoform	ug/L	ND	2500	2500	1940	2180	78	87	63-130	11	30	IK
Bromomethane	ug/L	ND	2500	2500	2180	2520	87	101	15-152	15	30	
Carbon tetrachloride	ug/L	ND	2500	2500	2720	3010	109	120	70-143	10	30	
Chlorobenzene	ug/L	ND	2500	2500	2460	2750	99	110	70-138	11	30	
Chloroethane	ug/L	ND	2500	2500	2700	3030	108	121	52-163	11	30	
Chloroform	ug/L	ND	2500	2500	2700	2970	104	114	70-139	10	30	
Chloromethane	ug/L	ND	2500	2500	1900	2120	76	85	41-139	11	30	
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2540	2830	101	113	70-141	11	30	
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2150	2450	86	98	70-137	13	30	IK
Dibromochloromethane	ug/L	ND	2500	2500	2010	2360	80	94	70-134	16	30	IK
Dibromomethane	ug/L	ND	2500	2500	2240	2760	89	110	70-138	21	30	
Dichlorodifluoromethane	ug/L	ND	2500	2500	1810	2060	72	82	47-155	13	30	
Diisopropyl ether	ug/L	ND	2500	2500	2360	2570	94	103	63-144	9	30	
Ethylbenzene	ug/L	1500	2500	2500	4000	4340	100	114	66-153	8	30	
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2370	2610	95	104	65-149	9	30	
m&p-Xylene	ug/L	7990	5000	5000	12900	13600	98	112	69-152	5	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3221358 3221359

Parameter	Units	92531196002 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	2500	2500	2210	2530	88	101	54-156	14	30	
Methylene Chloride	ug/L	ND	2500	2500	2130	2330	85	93	42-159	9	30	v3
Naphthalene	ug/L	832	2500	2500	2990	3380	86	102	61-148	12	30	
o-Xylene	ug/L	4240	2500	2500	6650	7040	97	112	70-148	6	30	
p-Isopropyltoluene	ug/L	ND	2500	2500	2320	2740	93	109	70-146	16	30	
Styrene	ug/L	ND	2500	2500	2450	2890	98	115	70-135	16	30	
Tetrachloroethene	ug/L	ND	2500	2500	2630	2740	105	109	59-143	4	30	
Toluene	ug/L	18400	2500	2500	19000	19500	24	44	59-148	3	30	M1
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2440	3000	98	120	70-146	20	30	
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2260	2390	90	96	70-135	6	30	
Trichloroethene	ug/L	ND	2500	2500	2760	3060	110	122	70-147	10	30	
Trichlorofluoromethane	ug/L	ND	2500	2500	2350	2700	94	108	70-148	14	30	
Vinyl acetate	ug/L	ND	5000	5000	4950	5410	99	108	49-151	9	30	IK
Vinyl chloride	ug/L	ND	2500	2500	2410	2560	97	102	70-156	6	30	
Xylene (Total)	ug/L	12200	7500	7500	19500	20600	98	112	63-158	6	30	
1,2-Dichloroethane-d4 (S)	%						106	102	70-130			
4-Bromofluorobenzene (S)	%						94	95	70-130			
Toluene-d8 (S)	%						98	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 612586 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

METHOD BLANK: 3224639 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/08/21 11:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/08/21 11:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/08/21 11:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/08/21 11:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/08/21 11:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/08/21 11:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/08/21 11:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/08/21 11:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/08/21 11:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/08/21 11:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/08/21 11:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/08/21 11:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/08/21 11:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/08/21 11:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/08/21 11:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/08/21 11:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/08/21 11:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/08/21 11:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/08/21 11:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/08/21 11:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/08/21 11:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/08/21 11:56	
Acenaphthene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Acenaphthylene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Aniline	ug/L	ND	10.0	1.6	04/08/21 11:56	
Anthracene	ug/L	ND	10.0	2.3	04/08/21 11:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/08/21 11:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/08/21 11:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/08/21 11:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/08/21 11:56	
Benzoic Acid	ug/L	ND	50.0	3.4	04/08/21 11:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/08/21 11:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/08/21 11:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/08/21 11:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/08/21 11:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/08/21 11:56	
Chrysene	ug/L	ND	10.0	2.8	04/08/21 11:56	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

METHOD BLANK: 3224639 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/08/21 11:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/08/21 11:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/08/21 11:56	
Dibenzofuran	ug/L	ND	10.0	2.1	04/08/21 11:56	
Diethylphthalate	ug/L	ND	10.0	2.0	04/08/21 11:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/08/21 11:56	
Fluoranthene	ug/L	ND	10.0	2.2	04/08/21 11:56	
Fluorene	ug/L	ND	10.0	2.1	04/08/21 11:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/08/21 11:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/08/21 11:56	
Hexachloroethane	ug/L	ND	10.0	1.4	04/08/21 11:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/08/21 11:56	
Isophorone	ug/L	ND	10.0	1.7	04/08/21 11:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/08/21 11:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/08/21 11:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/08/21 11:56	
Nitrobenzene	ug/L	ND	10.0	1.9	04/08/21 11:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/08/21 11:56	
Phenanthrene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Phenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
Pyrene	ug/L	ND	10.0	2.2	04/08/21 11:56	
2,4,6-Tribromophenol (S)	%	78	10-144		04/08/21 11:56	
2-Fluorobiphenyl (S)	%	74	10-130		04/08/21 11:56	
2-Fluorophenol (S)	%	57	10-130		04/08/21 11:56	
Nitrobenzene-d5 (S)	%	84	10-144		04/08/21 11:56	
Phenol-d6 (S)	%	47	10-130		04/08/21 11:56	
Terphenyl-d14 (S)	%	98	34-163		04/08/21 11:56	

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	33.2	66	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	35.4	71	28-130	
2,4,5-Trichlorophenol	ug/L	50	41.0	82	35-130	
2,4,6-Trichlorophenol	ug/L	50	38.7	77	31-130	
2,4-Dichlorophenol	ug/L	50	38.0	76	35-130	
2,4-Dimethylphenol	ug/L	50	38.9	78	34-130	
2,4-Dinitrophenol	ug/L	250	270	108	10-153	
2,4-Dinitrotoluene	ug/L	50	57.1	114	37-136	
2,6-Dinitrotoluene	ug/L	50	48.7	97	33-136	
2-Chloronaphthalene	ug/L	50	33.0	66	26-130	
2-Chlorophenol	ug/L	50	35.8	72	37-130	
2-Methylnaphthalene	ug/L	50	33.3	67	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	34.2	68	35-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	90.0	90	37-130	
2-Nitrophenol	ug/L	50	39.7	79	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.7	63	34-130	
3,3'-Dichlorobenzidine	ug/L	100	125	125	34-136	
3-Nitroaniline	ug/L	100	101	101	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	128	128	21-157	
4-Bromophenylphenyl ether	ug/L	50	55.0	110	38-130	
4-Chloro-3-methylphenol	ug/L	100	76.3	76	37-130	
4-Chloroaniline	ug/L	100	67.8	68	38-130	
4-Chlorophenylphenyl ether	ug/L	50	40.4	81	33-130	
4-Nitroaniline	ug/L	100	118	118	42-137	
4-Nitrophenol	ug/L	250	176	71	10-130	
Acenaphthene	ug/L	50	37.2	74	33-130	
Acenaphthylene	ug/L	50	38.0	76	35-130	
Aniline	ug/L	50	30.1	60	22-130	
Anthracene	ug/L	50	58.3	117	48-130	
Benzo(a)anthracene	ug/L	50	66.0	132	48-137	
Benzo(b)fluoranthene	ug/L	50	66.1	132	52-138	
Benzo(g,h,i)perylene	ug/L	50	67.7	135	48-140	
Benzo(k)fluoranthene	ug/L	50	64.7	129	48-139	
Benzoic Acid	ug/L	250	124	49	10-130	
Benzyl alcohol	ug/L	100	72.2	72	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	37.2	74	34-130	
bis(2-Chloroethyl) ether	ug/L	50	38.9	78	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	73.1	146	32-165	
Butylbenzylphthalate	ug/L	50	70.8	142	34-161	
Chrysene	ug/L	50	63.5	127	47-131	
Di-n-butylphthalate	ug/L	50	65.6	131	39-144	
Di-n-octylphthalate	ug/L	50	67.1	134	30-170	
Dibenz(a,h)anthracene	ug/L	50	65.9	132	49-138	
Dibenzofuran	ug/L	50	39.1	78	33-130	
Diethylphthalate	ug/L	50	55.3	111	38-131	
Dimethylphthalate	ug/L	50	47.5	95	37-130	
Fluoranthene	ug/L	50	62.6	125	46-137	
Fluorene	ug/L	50	43.8	88	37-130	
Hexachlorobenzene	ug/L	50	50.8	102	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.9	44	10-130	
Hexachloroethane	ug/L	50	22.8	46	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	68.2	136	41-130	L1
Isophorone	ug/L	50	36.5	73	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	37.5	75	36-130	
N-Nitrosodimethylamine	ug/L	50	34.3	69	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.7	103	37-130	
Nitrobenzene	ug/L	50	38.4	77	36-130	
Pentachlorophenol	ug/L	100	130	130	23-149	
Phenanthrene	ug/L	50	57.5	115	44-130	
Phenol	ug/L	50	22.7	45	18-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	68.1	136	47-134	L1
2,4,6-Tribromophenol (S)	%			123	10-144	
2-Fluorobiphenyl (S)	%			65	10-130	
2-Fluorophenol (S)	%			54	10-130	
Nitrobenzene-d5 (S)	%			77	10-144	
Phenol-d6 (S)	%			43	10-130	
Terphenyl-d14 (S)	%			112	34-163	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 612981
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: 92531521001, 92531521002, 92531521003, 92531521004

METHOD BLANK: 3226437 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/12/21 13:58	
2-Fluorobiphenyl (S)	%	166	61-163		04/12/21 13:58	S3
Nitrobenzene-d5 (S)	%	135	67-170		04/12/21 13:58	
Terphenyl-d14 (S)	%	134	62-169		04/12/21 13:58	

LABORATORY CONTROL SAMPLE: 3226438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.9	75	70-130	
2-Fluorobiphenyl (S)	%			141	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			103	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226439 3226440

Parameter	Units	92531521003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	1.7	1.6	70	65	50-165	7	30	
2-Fluorobiphenyl (S)	%						118	125	61-163			
Nitrobenzene-d5 (S)	%						99	97	67-170			
Terphenyl-d14 (S)	%						95	91	62-169			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531521001	**SW-18**	EPA 3510C	612586	EPA 8270E	612675
92531521002	**SW-19**	EPA 3510C	612586	EPA 8270E	612675
92531521003	**SW-20**	EPA 3510C	612586	EPA 8270E	612675
92531521004	**SW-21**	EPA 3510C	612586	EPA 8270E	612675
92531521001	**SW-18**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521002	**SW-19**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521003	**SW-20**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521004	**SW-21**	EPA 3511	612981	EPA 8270E by SIM	613090
92531521001	**SW-18**	EPA 8260D	611991		
92531521002	**SW-19**	EPA 8260D	611991		
92531521003	**SW-20**	EPA 8260D	611991		
92531521004	**SW-21**	EPA 8260D	611991		
92531521005	**TRIP BLANK**	EPA 8260D	611991		

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☒ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Synterra

Project #: WO#: 92531521

Courier: ☐ Commercial ☒ Pace ☐ Fed Ex ☐ UPS ☐ USPS ☐ Other: ☐ Client

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 4-6-21 AR

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 93-T071

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 5.3 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.3

USDA Regulated Soil (☒ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

WO# : 92531521

PM: KLH1 Due Date: 04/13/21

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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3											2	3
2																3											2	3
3																3											2	3
4																3											2	3
5																2												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A	Section B	Section C
Required Client Information:	Required Project Information:	Invoice Information:
Company: Synterra	Report To: Tom King	Attention:
Address: 148 River street	Copy To:	Company Name:
Suite 220, Greenville, SC 29601		Address:
Email: tking@synterracorp.com	Purchase Order #:	Pace Quote:
Phone: (803)429-3668 Fax:	Project Name: Former Bramlette MGP Site	Pace Project Manager: kevin.herring@pacelabs.com,
Requested Due Date:	Project #:	Pace Profile #: 7754

Regulatory Agency: State / Location: SC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8270 LV	TRIP BLANKS	Residual Chlorine (Y/N)
1	SW-18_WS_20210405	WT	G			04/05/21	1030	16	8	5			3						3	2	3		
2	SW-19_WS-20210405	"	"			"	1100	14	"	"			"						"	"	"		
3	SW-20_WS_20210405	"	"			"	1230	17	"	"			"						"	"	"		
4	SW-21_WS_20210405	WT	G			04/05/21	1150	17	8	5			3						3	2	3		
5	TRIP BLANK	WT	G																			1	
6																							
7																							
8																							
9																							
10																							
11																							
12																							

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Level 4 data report required	[signature] / SYN	04/05/21	1430	SYNTERRA COLD STORAGE	04/05/21	1430	
STANDARD TURN	SYNTERRA COLD STORAGE	4/6/21	0830	[signature] / Syn	4/6/21	0830	
	[signature] / Syn	4.6.21	1210	[signature] / Pace	4.6.21	1210	
	[signature] / Pace	4.6.21	1415	A. Rucker / PACE/AN	4-6-21	1415	5.3 Y N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: LEE DRAGO

SIGNATURE of SAMPLER: [signature] DATE Signed: 04/05/21

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

April 16, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531952001	**DA4-SB-13A (0-0.6)**	Solid	04/06/21 08:30	04/08/21 08:00
92531952002	**DA4-SB-13A (5-6)**	Solid	04/06/21 09:00	04/08/21 08:00
92531952003	**DA4-SB-13B (0-0.6)**	Solid	04/06/21 09:15	04/08/21 08:00
92531952004	**DA4-SB-13B (2-2.5)**	Solid	04/06/21 09:45	04/08/21 08:00
92531952005	**RI-SB-37 (0-0.6)**	Solid	04/06/21 10:45	04/08/21 08:00
92531952006	**RI-SB-37 (2-2.5)**	Solid	04/06/21 11:15	04/08/21 08:00
92531952007	**RI-SB-38 (0-0.6)**	Solid	04/06/21 10:50	04/08/21 08:00
92531952008	**RI-SB-38 (2-2.5)**	Solid	04/06/21 13:50	04/08/21 08:00
92531952009	**RI-SB-39 (0-0.6)**	Solid	04/06/21 11:00	04/08/21 08:00
92531952010	**RI-SB-39 (2-2.5)**	Solid	04/06/21 14:50	04/08/21 08:00
92531952011	**FD-3**	Solid	04/06/21 09:30	04/08/21 08:00
92531952012	**DA4-SB-13 (0-0.6)**	Solid	04/05/21 16:00	04/08/21 08:00
92531952013	**DA4-SB-13 (6.5-7.5)**	Solid	04/05/21 16:20	04/08/21 08:00
92531952014	**EB-3**	Water	04/05/21 15:15	04/08/21 08:00
92531952015	**TRIP BLANK**	Water	04/08/21 00:00	04/08/21 08:00

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531952001	**DA4-SB-13A (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952002	**DA4-SB-13A (5-6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952003	**DA4-SB-13B (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952004	**DA4-SB-13B (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952005	**RI-SB-37 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952006	**RI-SB-37 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952007	**RI-SB-38 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952008	**RI-SB-38 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	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: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952009	**RI-SB-39 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952010	**RI-SB-39 (2-2.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952011	**FD-3**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952012	**DA4-SB-13 (0-0.6)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952014	**EB-3**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531952015	**TRIP BLANK**	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952001	**DA4-SB-13A (0-0.6)**					
EPA 8082A	PCB-1260 (Aroclor 1260)	1410	ug/kg	522	04/13/21 10:00	
EPA 8270E	Benzo(a)pyrene	44100	ug/kg	792	04/14/21 14:15	
EPA 8270E	Acenaphthylene	1830J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Anthracene	4530J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(a)anthracene	9220	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(b)fluoranthene	8450	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(g,h,i)perylene	5010J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(k)fluoranthene	4350J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Chrysene	6700	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Fluoranthene	20200	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Fluorene	2360J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4490J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Phenanthrene	15800	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Pyrene	19600	ug/kg	5100	04/14/21 09:31	
EPA 8260D	Acetone	746J	ug/kg	796	04/09/21 06:40	
EPA 8260D	Benzene	95.7	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	2-Butanone (MEK)	365J	ug/kg	796	04/09/21 06:40	
EPA 8260D	Ethylbenzene	63.5	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Isopropylbenzene (Cumene)	35.0J	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Naphthalene	1980	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Toluene	100	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	1,2,4-Trimethylbenzene	76.1	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	1,3,5-Trimethylbenzene	37.6J	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Xylene (Total)	216	ug/kg	79.6	04/09/21 06:40	
EPA 8260D	m&p-Xylene	158	ug/kg	79.6	04/09/21 06:40	
EPA 8260D	o-Xylene	58.6	ug/kg	39.8	04/09/21 06:40	
SW-846	Percent Moisture	68.0	%	0.10	04/08/21 14:32	N2
92531952002	**DA4-SB-13A (5-6)**					
EPA 8270E	Benzo(a)pyrene	8740	ug/kg	162	04/14/21 14:37	
EPA 8270E	Acenaphthylene	520	ug/kg	518	04/13/21 20:12	
EPA 8270E	Anthracene	728	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(a)anthracene	1960	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(b)fluoranthene	1950	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(g,h,i)perylene	734	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(k)fluoranthene	722	ug/kg	518	04/13/21 20:12	
EPA 8270E	Chrysene	1360	ug/kg	518	04/13/21 20:12	
EPA 8270E	Fluoranthene	3840	ug/kg	518	04/13/21 20:12	
EPA 8270E	Fluorene	264J	ug/kg	518	04/13/21 20:12	
EPA 8270E	Indeno(1,2,3-cd)pyrene	704	ug/kg	518	04/13/21 20:12	
EPA 8270E	Phenanthrene	1490	ug/kg	518	04/13/21 20:12	
EPA 8270E	Pyrene	2790	ug/kg	518	04/13/21 20:12	
EPA 8260D	Naphthalene	23.7	ug/kg	11.2	04/09/21 07:17	
SW-846	Percent Moisture	37.3	%	0.10	04/08/21 14:32	N2
92531952003	**DA4-SB-13B (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	3290	ug/kg	85.8	04/14/21 14:59	
EPA 8270E	Acenaphthylene	4120	ug/kg	2800	04/14/21 01:13	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952003	**DA4-SB-13B (0-0.6)**					
EPA 8270E	Anthracene	5930	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(a)anthracene	13700	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(b)fluoranthene	12800	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(g,h,i)perylene	4860	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(k)fluoranthene	5300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Chrysene	10300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Dibenz(a,h)anthracene	1370J	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Fluoranthene	26300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Fluorene	1960J	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4840	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Phenanthrene	16800	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Pyrene	18800	ug/kg	2800	04/14/21 01:13	
EPA 8260D	Acetone	189J	ug/kg	273	04/09/21 07:35	
EPA 8260D	Naphthalene	60.1	ug/kg	13.7	04/09/21 07:35	
EPA 8260D	Toluene	9.6J	ug/kg	13.7	04/09/21 07:35	
EPA 8260D	Xylene (Total)	11.8J	ug/kg	27.3	04/09/21 07:35	
EPA 8260D	m&p-Xylene	11.8J	ug/kg	27.3	04/09/21 07:35	
SW-846	Percent Moisture	41.9	%	0.10	04/08/21 14:32	N2
92531952004	**DA4-SB-13B (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	182	ug/kg	15.1	04/13/21 12:24	
SW-846	Percent Moisture	34.3	%	0.10	04/08/21 14:32	N2
92531952005	**RI-SB-37 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	16.0J	ug/kg	17.9	04/13/21 12:46	
EPA 8260D	Acetone	127J	ug/kg	256	04/09/21 08:11	
EPA 8260D	Ethylbenzene	6.4J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Naphthalene	30.0	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Toluene	10.1J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	1,2,4-Trimethylbenzene	8.6J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Xylene (Total)	24.5J	ug/kg	25.6	04/09/21 08:11	
EPA 8260D	m&p-Xylene	16.6J	ug/kg	25.6	04/09/21 08:11	
EPA 8260D	o-Xylene	7.9J	ug/kg	12.8	04/09/21 08:11	
SW-846	Percent Moisture	45.0	%	0.10	04/08/21 14:32	N2
92531952006	**RI-SB-37 (2-2.5)**					
EPA 8082A	PCB-1248 (Aroclor 1248)	123	ug/kg	53.1	04/13/21 10:28	
SW-846	Percent Moisture	38.8	%	0.10	04/08/21 14:32	N2
92531952007	**RI-SB-38 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	16.9J	ug/kg	32.7	04/14/21 16:05	
EPA 8260D	Acetone	880	ug/kg	688	04/09/21 08:47	
EPA 8260D	2-Butanone (MEK)	365J	ug/kg	688	04/09/21 08:47	
EPA 8260D	Ethylbenzene	27.2J	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	p-Isopropyltoluene	17.3J	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Naphthalene	86.7	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Toluene	50.5	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	1,2,4-Trimethylbenzene	46.3	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Xylene (Total)	144	ug/kg	68.8	04/09/21 08:47	

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952007	**RI-SB-38 (0-0.6)**					
EPA 8260D	m&p-Xylene	91.4	ug/kg	68.8	04/09/21 08:47	
EPA 8260D	o-Xylene	52.2	ug/kg	34.4	04/09/21 08:47	
SW-846	Percent Moisture	69.2	%	0.10	04/08/21 14:33	N2
92531952008	**RI-SB-38 (2-2.5)**					
EPA 8260D	Acetone	61.2J	ug/kg	182	04/09/21 09:05	
SW-846	Percent Moisture	32.8	%	0.10	04/08/21 14:33	N2
92531952009	**RI-SB-39 (0-0.6)**					
EPA 8270E	Benzo(a)pyrene	15.9J	ug/kg	18.6	04/13/21 14:14	
EPA 8260D	Acetone	225J	ug/kg	267	04/09/21 09:24	
EPA 8260D	2-Butanone (MEK)	93.0J	ug/kg	267	04/09/21 09:24	
EPA 8260D	Ethylbenzene	11.5J	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	p-Isopropyltoluene	15.3	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Naphthalene	93.2	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Toluene	23.3	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	1,2,4-Trimethylbenzene	25.2	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	1,3,5-Trimethylbenzene	12.5J	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Xylene (Total)	70.1	ug/kg	26.7	04/09/21 09:24	
EPA 8260D	m&p-Xylene	46.8	ug/kg	26.7	04/09/21 09:24	
EPA 8260D	o-Xylene	23.2	ug/kg	13.4	04/09/21 09:24	
SW-846	Percent Moisture	46.3	%	0.10	04/08/21 14:33	N2
92531952010	**RI-SB-39 (2-2.5)**					
EPA 8270E	Benzo(a)pyrene	1.6J	ug/kg	13.7	04/13/21 14:36	
SW-846	Percent Moisture	26.9	%	0.10	04/08/21 14:33	N2
92531952011	**FD-3**					
EPA 8270E	Benzo(a)pyrene	4270	ug/kg	134	04/14/21 15:21	
EPA 8270E	Acenaphthylene	1980	ug/kg	918	04/14/21 01:43	
EPA 8270E	Anthracene	1990	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(a)anthracene	7950	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(b)fluoranthene	7430	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(g,h,i)perylene	3090	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(k)fluoranthene	2940	ug/kg	918	04/14/21 01:43	
EPA 8270E	Chrysene	6050	ug/kg	918	04/14/21 01:43	
EPA 8270E	Dibenz(a,h)anthracene	802J	ug/kg	918	04/14/21 01:43	
EPA 8270E	Fluoranthene	15300	ug/kg	4590	04/14/21 09:58	
EPA 8270E	Fluorene	337J	ug/kg	918	04/14/21 01:43	
EPA 8270E	Indeno(1,2,3-cd)pyrene	3020	ug/kg	918	04/14/21 01:43	
EPA 8270E	Phenanthrene	3250	ug/kg	918	04/14/21 01:43	
EPA 8270E	Pyrene	14200	ug/kg	4590	04/14/21 09:58	
EPA 8260D	Acetone	249J	ug/kg	509	04/09/21 10:00	
EPA 8260D	Naphthalene	122	ug/kg	25.5	04/09/21 10:00	
EPA 8260D	Toluene	16.3J	ug/kg	25.5	04/09/21 10:00	
EPA 8260D	Xylene (Total)	21.7J	ug/kg	50.9	04/09/21 10:00	
EPA 8260D	m&p-Xylene	21.7J	ug/kg	50.9	04/09/21 10:00	
SW-846	Percent Moisture	63.4	%	0.10	04/08/21 14:33	N2

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952012	**DA4-SB-13 (0-0.6)**					
EPA 8082A	PCB-1260 (Aroclor 1260)	1840	ug/kg	534	04/13/21 10:50	
EPA 8270E	Benzo(a)pyrene	3410	ug/kg	65.0	04/14/21 15:43	
EPA 8270E	Acenaphthylene	1590J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Anthracene	1540J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(a)anthracene	4430	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(b)fluoranthene	4840	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(g,h,i)perylene	2000J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(k)fluoranthene	2210J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Chrysene	3440	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Fluoranthene	9720	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Indeno(1,2,3-cd)pyrene	1850J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Phenanthrene	3000	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Pyrene	7170	ug/kg	2690	04/14/21 02:13	
EPA 8260D	Acetone	333	ug/kg	258	04/09/21 22:09	
EPA 8260D	Benzene	75.3	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	2-Butanone (MEK)	119J	ug/kg	258	04/09/21 22:09	
EPA 8260D	1,4-Dichlorobenzene	48.3	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Ethylbenzene	35.0	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Isopropylbenzene (Cumene)	6.8J	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Naphthalene	1300	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Toluene	54.6	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,2,4-Trichlorobenzene	23.1	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,2,4-Trimethylbenzene	26.5	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,3,5-Trimethylbenzene	11.8J	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Xylene (Total)	97.4	ug/kg	25.8	04/09/21 22:09	
EPA 8260D	m&p-Xylene	72.9	ug/kg	25.8	04/09/21 22:09	
EPA 8260D	o-Xylene	24.5	ug/kg	12.9	04/09/21 22:09	
SW-846	Percent Moisture	39.0	%	0.10	04/08/21 14:33	N2
92531952013	**DA4-SB-13 (6.5-7.5)**					
EPA 8270E	Benzo(a)pyrene	3850	ug/kg	69.4	04/15/21 08:04	
EPA 8270E	Acenaphthene	246J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Anthracene	215J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Benzo(a)anthracene	298J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Benzo(b)fluoranthene	290J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Chrysene	228J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Fluoranthene	710	ug/kg	446	04/14/21 00:13	
EPA 8270E	1-Methylnaphthalene	214J	ug/kg	446	04/14/21 00:13	
EPA 8270E	2-Methylnaphthalene	380J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Phenanthrene	553	ug/kg	446	04/14/21 00:13	
EPA 8270E	Pyrene	510	ug/kg	446	04/14/21 00:13	
EPA 8260D	Benzene	170	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Ethylbenzene	278	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Isopropylbenzene (Cumene)	26.8J	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	p-Isopropyltoluene	36.7	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Naphthalene	18800	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Styrene	25.2J	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Toluene	144	ug/kg	30.5	04/09/21 11:09	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952013	**DA4-SB-13 (6.5-7.5)**					
EPA 8260D	1,2,4-Trimethylbenzene	331	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	1,3,5-Trimethylbenzene	129	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Xylene (Total)	538	ug/kg	60.9	04/09/21 11:09	
EPA 8260D	m&p-Xylene	310	ug/kg	60.9	04/09/21 11:09	
EPA 8260D	o-Xylene	228	ug/kg	30.5	04/09/21 11:09	
SW-846	Percent Moisture	27.0	%	0.10	04/08/21 14:33	N2
92531952014	**EB-3**					
EPA 8260D	Acetone	12.7J	ug/L	25.0	04/12/21 15:49	C0

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 16, 2021

General Information:
13 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 612942

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Decachlorobiphenyl (S)
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - Decachlorobiphenyl (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Decachlorobiphenyl (S)
- FD-3 (Lab ID: 92531952011)
  - Decachlorobiphenyl (S)

QC Batch: 613371

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3228311)
  - Decachlorobiphenyl (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

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8082A**
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 16, 2021

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 612942

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Decachlorobiphenyl (S)
- DA4-SB-13A (0-0.6) (Lab ID: 92531952001)
  - Decachlorobiphenyl (S)
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - Decachlorobiphenyl (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Decachlorobiphenyl (S)
- FD-3 (Lab ID: 92531952011)
  - Decachlorobiphenyl (S)
- MS (Lab ID: 3226322)
  - Decachlorobiphenyl (S)
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
  - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 16, 2021

General Information:
1 sample was analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

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: 612978

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3226424)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Nitroaniline
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol
- MSD (Lab ID: 3226425)
  - 2,4,6-Trichlorophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612978

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- 2,4-Dinitrophenol
- 4,6-Dinitro-2-methylphenol
- 4-Nitroaniline
- 4-Nitrophenol
- Benzoic Acid
- Pentachlorophenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3226425)
  - 2,4,5-Trichlorophenol

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 16, 2021

General Information:
13 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 16, 2021

General Information:
13 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 612821

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.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13 (6.5-7.5) (Lab ID: 92531952013)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DA4-SB-13B (2-2.5) (Lab ID: 92531952004)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- DUP (Lab ID: 3225855)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- FD-3 (Lab ID: 92531952011)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- MS (Lab ID: 3225854)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-37 (0-0.6) (Lab ID: 92531952005)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612821

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-Dinitrotoluene
- 4-Nitroaniline
- RI-SB-37 (2-2.5) (Lab ID: 92531952006)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-38 (2-2.5) (Lab ID: 92531952008)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-39 (0-0.6) (Lab ID: 92531952009)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline
- RI-SB-39 (2-2.5) (Lab ID: 92531952010)
  - 2,4-Dinitrotoluene
  - 4-Nitroaniline

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.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Hexachlorocyclopentadiene
- DA4-SB-13 (6.5-7.5) (Lab ID: 92531952013)
  - Hexachlorocyclopentadiene
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
  - Hexachlorocyclopentadiene
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Hexachlorocyclopentadiene
- DA4-SB-13B (2-2.5) (Lab ID: 92531952004)
  - Hexachlorocyclopentadiene
- DUP (Lab ID: 3225855)
  - Hexachlorocyclopentadiene
- FD-3 (Lab ID: 92531952011)
  - Hexachlorocyclopentadiene
- RI-SB-37 (0-0.6) (Lab ID: 92531952005)
  - Hexachlorocyclopentadiene
- RI-SB-37 (2-2.5) (Lab ID: 92531952006)
  - Hexachlorocyclopentadiene
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
  - Hexachlorocyclopentadiene
- RI-SB-38 (2-2.5) (Lab ID: 92531952008)
  - Hexachlorocyclopentadiene
- RI-SB-39 (0-0.6) (Lab ID: 92531952009)
  - Hexachlorocyclopentadiene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E**
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612821

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.

- RI-SB-39 (2-2.5) (Lab ID: 92531952010)
  - Hexachlorocyclopentadiene

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: 3225854)
  - Hexachlorocyclopentadiene

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 612821

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
  - Nitrobenzene-d5 (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 16, 2021

General Information:
1 sample was 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: 612981

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3226437)
  - 2-Fluorobiphenyl (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

General Information:
2 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: 612349

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: 3223149)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3223150)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3223151)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MSD (Lab ID: 3223152)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531952015)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

QC Batch: 613057

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: 3226783)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- DUP (Lab ID: 3226785)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- EB-3 (Lab ID: 92531952014)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3226784)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene
- MS (Lab ID: 3226786)
  - 2-Butanone (MEK)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
  - cis-1,3-Dichloropropene

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 613057

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: 3226783)
  - Methylene Chloride
- DUP (Lab ID: 3226785)
  - Methylene Chloride
- EB-3 (Lab ID: 92531952014)
  - Methylene Chloride

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

QC Batch: 613057

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: 3226784)
  - Methylene Chloride
- MS (Lab ID: 3226786)
  - Methylene Chloride

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: 612349

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531836001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3223151)
  - Acetone
- MSD (Lab ID: 3223152)
  - 2-Butanone (MEK)
  - Acetone

R1: RPD value was outside control limits.

- MSD (Lab ID: 3223152)
  - 2-Butanone (MEK)
  - Acetone
  - Hexachloro-1,3-butadiene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 16, 2021

Analyte Comments:

QC Batch: 613057

C0: Result confirmed by second analysis.

- EB-3 (Lab ID: 92531952014)
  - Acetone

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 16, 2021

General Information:
13 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

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.

QC Batch: 612471

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531952002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3224079)
  - Chloromethane

QC Batch: 612777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532317002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3225525)
  - 1,2-Dichloropropane
  - Chloromethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: **EPA 8260D**
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 16, 2021

QC Batch: 612777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532317002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Vinyl acetate
- m&p-Xylene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	522	191	5	04/10/21 21:37	04/13/21 10:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	522	202	5	04/10/21 21:37	04/13/21 10:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	522	183	5	04/10/21 21:37	04/13/21 10:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	522	98.5	5	04/10/21 21:37	04/13/21 10:00	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	522	130	5	04/10/21 21:37	04/13/21 10:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	522	98.3	5	04/10/21 21:37	04/13/21 10:00	11097-69-1	
PCB-1260 (Aroclor 1260)	**1410**	ug/kg	522	125	5	04/10/21 21:37	04/13/21 10:00	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	44	%	10-160		5	04/10/21 21:37	04/13/21 10:00	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**44100**	ug/kg	792	81.5	25	04/12/21 11:41	04/14/21 14:15	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	34	%	31-130		5	04/12/21 11:41	04/13/21 11:18	321-60-8	
Nitrobenzene-d5 (S)	49	%	32-130		5	04/12/21 11:41	04/13/21 11:18	4165-60-0	
Terphenyl-d14 (S)	42	%	24-130		5	04/12/21 11:41	04/13/21 11:18	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	83-32-9	
Acenaphthylene	**1830J**	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	208-96-8	
Aniline	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	62-53-3	
Anthracene	**4530J**	ug/kg	5100	1670	5	04/10/21 00:07	04/14/21 09:31	120-12-7	
Benzo(a)anthracene	**9220**	ug/kg	5100	1700	5	04/10/21 00:07	04/14/21 09:31	56-55-3	
Benzo(b)fluoranthene	**8450**	ug/kg	5100	1700	5	04/10/21 00:07	04/14/21 09:31	205-99-2	
Benzo(g,h,i)perylene	**5010J**	ug/kg	5100	1980	5	04/10/21 00:07	04/14/21 09:31	191-24-2	
Benzo(k)fluoranthene	**4350J**	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	207-08-9	
Benzoic Acid	ND	ug/kg	25500	11000	5	04/10/21 00:07	04/14/21 09:31	65-85-0	
Benzyl alcohol	ND	ug/kg	10200	3870	5	04/10/21 00:07	04/14/21 09:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	5100	2150	5	04/10/21 00:07	04/14/21 09:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	10200	3590	5	04/10/21 00:07	04/14/21 09:31	59-50-7	
4-Chloroaniline	ND	ug/kg	10200	4010	5	04/10/21 00:07	04/14/21 09:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	5100	2120	5	04/10/21 00:07	04/14/21 09:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	111-44-4	
2-Chloronaphthalene	ND	ug/kg	5100	2030	5	04/10/21 00:07	04/14/21 09:31	91-58-7	
2-Chlorophenol	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	5100	1900	5	04/10/21 00:07	04/14/21 09:31	7005-72-3	
Chrysene	**6700**	ug/kg	5100	1860	5	04/10/21 00:07	04/14/21 09:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	53-70-3	
Dibenzofuran	ND	ug/kg	5100	1840	5	04/10/21 00:07	04/14/21 09:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	10200	3450	5	04/10/21 00:07	04/14/21 09:31	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	5100	1870	5	04/10/21 00:07	04/14/21 09:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	5100	2120	5	04/10/21 00:07	04/14/21 09:31	105-67-9	
Dimethylphthalate	ND	ug/kg	5100	1860	5	04/10/21 00:07	04/14/21 09:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	5100	1720	5	04/10/21 00:07	04/14/21 09:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	10200	4760	5	04/10/21 00:07	04/14/21 09:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	25500	15800	5	04/10/21 00:07	04/14/21 09:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	5100	1870	5	04/10/21 00:07	04/14/21 09:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	5100	2010	5	04/10/21 00:07	04/14/21 09:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	5100	1980	5	04/10/21 00:07	04/14/21 09:31	117-81-7	
Fluoranthene	**20200**	ug/kg	5100	1750	5	04/10/21 00:07	04/14/21 09:31	206-44-0	
Fluorene	**2360J**	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	86-73-7	
Hexachlorobenzene	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	5100	2920	5	04/10/21 00:07	04/14/21 09:31	77-47-4	
Hexachloroethane	ND	ug/kg	5100	1950	5	04/10/21 00:07	04/14/21 09:31	67-72-1	
Indeno(1,2,3-cd)pyrene	**4490J**	ug/kg	5100	2010	5	04/10/21 00:07	04/14/21 09:31	193-39-5	
Isophorone	ND	ug/kg	5100	2270	5	04/10/21 00:07	04/14/21 09:31	78-59-1	
1-Methylnaphthalene	ND	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	90-12-0	
2-Methylnaphthalene	ND	ug/kg	5100	2040	5	04/10/21 00:07	04/14/21 09:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	5100	2090	5	04/10/21 00:07	04/14/21 09:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	5100	2060	5	04/10/21 00:07	04/14/21 09:31	15831-10-4	
2-Nitroaniline	ND	ug/kg	25500	4180	5	04/10/21 00:07	04/14/21 09:31	88-74-4	
3-Nitroaniline	ND	ug/kg	25500	4010	5	04/10/21 00:07	04/14/21 09:31	99-09-2	
4-Nitroaniline	ND	ug/kg	10200	3880	5	04/10/21 00:07	04/14/21 09:31	100-01-6	
Nitrobenzene	ND	ug/kg	5100	2370	5	04/10/21 00:07	04/14/21 09:31	98-95-3	
2-Nitrophenol	ND	ug/kg	5100	2210	5	04/10/21 00:07	04/14/21 09:31	88-75-5	
4-Nitrophenol	ND	ug/kg	25500	9870	5	04/10/21 00:07	04/14/21 09:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	5100	1720	5	04/10/21 00:07	04/14/21 09:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	5100	1810	5	04/10/21 00:07	04/14/21 09:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	5100	2430	5	04/10/21 00:07	04/14/21 09:31	108-60-1	
Pentachlorophenol	ND	ug/kg	10200	5000	5	04/10/21 00:07	04/14/21 09:31	87-86-5	
Phenanthrene	**15800**	ug/kg	5100	1670	5	04/10/21 00:07	04/14/21 09:31	85-01-8	
Phenol	ND	ug/kg	5100	2270	5	04/10/21 00:07	04/14/21 09:31	108-95-2	
Pyrene	**19600**	ug/kg	5100	2070	5	04/10/21 00:07	04/14/21 09:31	129-00-0	
Pyridine	ND	ug/kg	5100	1610	5	04/10/21 00:07	04/14/21 09:31	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	5100	2340	5	04/10/21 00:07	04/14/21 09:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	5100	2100	5	04/10/21 00:07	04/14/21 09:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	21-130		5	04/10/21 00:07	04/14/21 09:31	4165-60-0	
2-Fluorobiphenyl (S)	32	%	19-130		5	04/10/21 00:07	04/14/21 09:31	321-60-8	
Terphenyl-d14 (S)	20	%	15-130		5	04/10/21 00:07	04/14/21 09:31	1718-51-0	
Phenol-d6 (S)	40	%	18-130		5	04/10/21 00:07	04/14/21 09:31	13127-88-3	
2-Fluorophenol (S)	38	%	18-130		5	04/10/21 00:07	04/14/21 09:31	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	34	%	18-130		5	04/10/21 00:07	04/14/21 09:31	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**746J**	ug/kg	796	256	1	04/08/21 15:45	04/09/21 06:40	67-64-1	
Benzene	**95.7**	ug/kg	39.8	15.8	1	04/08/21 15:45	04/09/21 06:40	71-43-2	
Bromobenzene	ND	ug/kg	39.8	13.0	1	04/08/21 15:45	04/09/21 06:40	108-86-1	
Bromochloromethane	ND	ug/kg	39.8	11.8	1	04/08/21 15:45	04/09/21 06:40	74-97-5	
Bromodichloromethane	ND	ug/kg	39.8	15.4	1	04/08/21 15:45	04/09/21 06:40	75-27-4	
Bromoform	ND	ug/kg	39.8	14.0	1	04/08/21 15:45	04/09/21 06:40	75-25-2	
Bromomethane	ND	ug/kg	79.6	62.9	1	04/08/21 15:45	04/09/21 06:40	74-83-9	
2-Butanone (MEK)	**365J**	ug/kg	796	191	1	04/08/21 15:45	04/09/21 06:40	78-93-3	
n-Butylbenzene	ND	ug/kg	39.8	18.8	1	04/08/21 15:45	04/09/21 06:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	39.8	17.5	1	04/08/21 15:45	04/09/21 06:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	39.8	14.2	1	04/08/21 15:45	04/09/21 06:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	39.8	14.9	1	04/08/21 15:45	04/09/21 06:40	56-23-5	
Chlorobenzene	ND	ug/kg	39.8	7.6	1	04/08/21 15:45	04/09/21 06:40	108-90-7	
Chloroethane	ND	ug/kg	79.6	30.7	1	04/08/21 15:45	04/09/21 06:40	75-00-3	
Chloroform	ND	ug/kg	39.8	24.2	1	04/08/21 15:45	04/09/21 06:40	67-66-3	
Chloromethane	ND	ug/kg	79.6	33.4	1	04/08/21 15:45	04/09/21 06:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	39.8	14.1	1	04/08/21 15:45	04/09/21 06:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	39.8	7.0	1	04/08/21 15:45	04/09/21 06:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	39.8	15.4	1	04/08/21 15:45	04/09/21 06:40	96-12-8	
Dibromochloromethane	ND	ug/kg	39.8	22.4	1	04/08/21 15:45	04/09/21 06:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	39.8	17.5	1	04/08/21 15:45	04/09/21 06:40	106-93-4	
Dibromomethane	ND	ug/kg	39.8	8.5	1	04/08/21 15:45	04/09/21 06:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	39.8	14.3	1	04/08/21 15:45	04/09/21 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	39.8	12.3	1	04/08/21 15:45	04/09/21 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	39.8	10.4	1	04/08/21 15:45	04/09/21 06:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	79.6	17.3	1	04/08/21 15:45	04/09/21 06:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	39.8	16.4	1	04/08/21 15:45	04/09/21 06:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	39.8	26.4	1	04/08/21 15:45	04/09/21 06:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	39.8	16.4	1	04/08/21 15:45	04/09/21 06:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	39.8	13.6	1	04/08/21 15:45	04/09/21 06:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	39.8	13.9	1	04/08/21 15:45	04/09/21 06:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	39.8	11.9	1	04/08/21 15:45	04/09/21 06:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	39.8	12.4	1	04/08/21 15:45	04/09/21 06:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	39.8	13.0	1	04/08/21 15:45	04/09/21 06:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	39.8	19.1	1	04/08/21 15:45	04/09/21 06:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	39.8	10.8	1	04/08/21 15:45	04/09/21 06:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	39.8	13.7	1	04/08/21 15:45	04/09/21 06:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	39.8	10.8	1	04/08/21 15:45	04/09/21 06:40	108-20-3	
Ethylbenzene	**63.5**	ug/kg	39.8	18.6	1	04/08/21 15:45	04/09/21 06:40	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	79.6	65.1	1	04/08/21 15:45	04/09/21 06:40	87-68-3	
2-Hexanone	ND	ug/kg	398	38.4	1	04/08/21 15:45	04/09/21 06:40	591-78-6	
Isopropylbenzene (Cumene)	**35.0J**	ug/kg	39.8	13.5	1	04/08/21 15:45	04/09/21 06:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	39.8	19.6	1	04/08/21 15:45	04/09/21 06:40	99-87-6	
Methylene Chloride	ND	ug/kg	159	109	1	04/08/21 15:45	04/09/21 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	398	38.4	1	04/08/21 15:45	04/09/21 06:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	39.8	14.9	1	04/08/21 15:45	04/09/21 06:40	1634-04-4	
Naphthalene	**1980**	ug/kg	39.8	20.9	1	04/08/21 15:45	04/09/21 06:40	91-20-3	
n-Propylbenzene	ND	ug/kg	39.8	14.2	1	04/08/21 15:45	04/09/21 06:40	103-65-1	
Styrene	ND	ug/kg	39.8	10.5	1	04/08/21 15:45	04/09/21 06:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	39.8	15.3	1	04/08/21 15:45	04/09/21 06:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	39.8	10.5	1	04/08/21 15:45	04/09/21 06:40	79-34-5	
Tetrachloroethene	ND	ug/kg	39.8	12.6	1	04/08/21 15:45	04/09/21 06:40	127-18-4	
Toluene	**100**	ug/kg	39.8	11.3	1	04/08/21 15:45	04/09/21 06:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	39.8	32.2	1	04/08/21 15:45	04/09/21 06:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	39.8	33.4	1	04/08/21 15:45	04/09/21 06:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	39.8	20.7	1	04/08/21 15:45	04/09/21 06:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	39.8	13.2	1	04/08/21 15:45	04/09/21 06:40	79-00-5	
Trichloroethene	ND	ug/kg	39.8	10.3	1	04/08/21 15:45	04/09/21 06:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	39.8	21.9	1	04/08/21 15:45	04/09/21 06:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	39.8	20.1	1	04/08/21 15:45	04/09/21 06:40	96-18-4	
1,2,4-Trimethylbenzene	**76.1**	ug/kg	39.8	10.9	1	04/08/21 15:45	04/09/21 06:40	95-63-6	
1,3,5-Trimethylbenzene	**37.6J**	ug/kg	39.8	13.4	1	04/08/21 15:45	04/09/21 06:40	108-67-8	
Vinyl acetate	ND	ug/kg	398	29.0	1	04/08/21 15:45	04/09/21 06:40	108-05-4	
Vinyl chloride	ND	ug/kg	79.6	20.2	1	04/08/21 15:45	04/09/21 06:40	75-01-4	
Xylene (Total)	**216**	ug/kg	79.6	22.7	1	04/08/21 15:45	04/09/21 06:40	1330-20-7	
m&p-Xylene	**158**	ug/kg	79.6	27.2	1	04/08/21 15:45	04/09/21 06:40	179601-23-1	
o-Xylene	**58.6**	ug/kg	39.8	17.6	1	04/08/21 15:45	04/09/21 06:40	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 06:40	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 06:40	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 06:40	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**68.0**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	534	195	10	04/10/21 21:37	04/13/21 10:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	534	206	10	04/10/21 21:37	04/13/21 10:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	534	187	10	04/10/21 21:37	04/13/21 10:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	534	133	10	04/10/21 21:37	04/13/21 10:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	534	100	10	04/10/21 21:37	04/13/21 10:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	534	128	10	04/10/21 21:37	04/13/21 10:07	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:07	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**8740**	ug/kg	162	16.7	10	04/12/21 11:41	04/14/21 14:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	73	%	31-130		5	04/12/21 11:41	04/13/21 11:40	321-60-8	
Nitrobenzene-d5 (S)	59	%	32-130		5	04/12/21 11:41	04/13/21 11:40	4165-60-0	
Terphenyl-d14 (S)	81	%	24-130		5	04/12/21 11:41	04/13/21 11:40	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	83-32-9	
Acenaphthylene	**520**	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	208-96-8	
Aniline	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	62-53-3	
Anthracene	**728**	ug/kg	518	170	1	04/10/21 00:07	04/13/21 20:12	120-12-7	
Benzo(a)anthracene	**1960**	ug/kg	518	173	1	04/10/21 00:07	04/13/21 20:12	56-55-3	
Benzo(b)fluoranthene	**1950**	ug/kg	518	173	1	04/10/21 00:07	04/13/21 20:12	205-99-2	
Benzo(g,h,i)perylene	**734**	ug/kg	518	201	1	04/10/21 00:07	04/13/21 20:12	191-24-2	
Benzo(k)fluoranthene	**722**	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	207-08-9	
Benzoic Acid	ND	ug/kg	2590	1110	1	04/10/21 00:07	04/13/21 20:12	65-85-0	
Benzyl alcohol	ND	ug/kg	1040	392	1	04/10/21 00:07	04/13/21 20:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	101-55-3	
Butylbenzylphthalate	ND	ug/kg	518	218	1	04/10/21 00:07	04/13/21 20:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1040	364	1	04/10/21 00:07	04/13/21 20:12	59-50-7	
4-Chloroaniline	ND	ug/kg	1040	406	1	04/10/21 00:07	04/13/21 20:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	518	215	1	04/10/21 00:07	04/13/21 20:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	111-44-4	
2-Chloronaphthalene	ND	ug/kg	518	206	1	04/10/21 00:07	04/13/21 20:12	91-58-7	
2-Chlorophenol	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	518	193	1	04/10/21 00:07	04/13/21 20:12	7005-72-3	
Chrysene	**1360**	ug/kg	518	188	1	04/10/21 00:07	04/13/21 20:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	53-70-3	
Dibenzofuran	ND	ug/kg	518	187	1	04/10/21 00:07	04/13/21 20:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1040	350	1	04/10/21 00:07	04/13/21 20:12	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	518	190	1	04/10/21 00:07	04/13/21 20:12	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	518	215	1	04/10/21 00:07	04/13/21 20:12	105-67-9	
Dimethylphthalate	ND	ug/kg	518	188	1	04/10/21 00:07	04/13/21 20:12	131-11-3	
Di-n-butylphthalate	ND	ug/kg	518	174	1	04/10/21 00:07	04/13/21 20:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1040	483	1	04/10/21 00:07	04/13/21 20:12	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2590	1600	1	04/10/21 00:07	04/13/21 20:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	518	190	1	04/10/21 00:07	04/13/21 20:12	606-20-2	
Di-n-octylphthalate	ND	ug/kg	518	204	1	04/10/21 00:07	04/13/21 20:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	518	201	1	04/10/21 00:07	04/13/21 20:12	117-81-7	
Fluoranthene	**3840**	ug/kg	518	177	1	04/10/21 00:07	04/13/21 20:12	206-44-0	
Fluorene	**264J**	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	86-73-7	
Hexachlorobenzene	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	518	297	1	04/10/21 00:07	04/13/21 20:12	77-47-4	v2
Hexachloroethane	ND	ug/kg	518	198	1	04/10/21 00:07	04/13/21 20:12	67-72-1	
Indeno(1,2,3-cd)pyrene	**704**	ug/kg	518	204	1	04/10/21 00:07	04/13/21 20:12	193-39-5	
Isophorone	ND	ug/kg	518	231	1	04/10/21 00:07	04/13/21 20:12	78-59-1	
1-Methylnaphthalene	ND	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	90-12-0	
2-Methylnaphthalene	ND	ug/kg	518	207	1	04/10/21 00:07	04/13/21 20:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	518	212	1	04/10/21 00:07	04/13/21 20:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	518	209	1	04/10/21 00:07	04/13/21 20:12	15831-10-4	
2-Nitroaniline	ND	ug/kg	2590	424	1	04/10/21 00:07	04/13/21 20:12	88-74-4	
3-Nitroaniline	ND	ug/kg	2590	406	1	04/10/21 00:07	04/13/21 20:12	99-09-2	
4-Nitroaniline	ND	ug/kg	1040	394	1	04/10/21 00:07	04/13/21 20:12	100-01-6	v1
Nitrobenzene	ND	ug/kg	518	240	1	04/10/21 00:07	04/13/21 20:12	98-95-3	
2-Nitrophenol	ND	ug/kg	518	224	1	04/10/21 00:07	04/13/21 20:12	88-75-5	
4-Nitrophenol	ND	ug/kg	2590	1000	1	04/10/21 00:07	04/13/21 20:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	518	174	1	04/10/21 00:07	04/13/21 20:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	518	184	1	04/10/21 00:07	04/13/21 20:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	518	246	1	04/10/21 00:07	04/13/21 20:12	108-60-1	
Pentachlorophenol	ND	ug/kg	1040	507	1	04/10/21 00:07	04/13/21 20:12	87-86-5	
Phenanthrene	**1490**	ug/kg	518	170	1	04/10/21 00:07	04/13/21 20:12	85-01-8	
Phenol	ND	ug/kg	518	231	1	04/10/21 00:07	04/13/21 20:12	108-95-2	
Pyrene	**2790**	ug/kg	518	210	1	04/10/21 00:07	04/13/21 20:12	129-00-0	
Pyridine	ND	ug/kg	518	163	1	04/10/21 00:07	04/13/21 20:12	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	518	237	1	04/10/21 00:07	04/13/21 20:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	518	213	1	04/10/21 00:07	04/13/21 20:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/10/21 00:07	04/13/21 20:12	4165-60-0	
2-Fluorobiphenyl (S)	69	%	19-130		1	04/10/21 00:07	04/13/21 20:12	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/10/21 00:07	04/13/21 20:12	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/10/21 00:07	04/13/21 20:12	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/10/21 00:07	04/13/21 20:12	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	82	%	18-130		1	04/10/21 00:07	04/13/21 20:12	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	224	71.9	1	04/08/21 15:45	04/09/21 07:17	67-64-1	
Benzene	ND	ug/kg	11.2	4.5	1	04/08/21 15:45	04/09/21 07:17	71-43-2	
Bromobenzene	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	108-86-1	
Bromochloromethane	ND	ug/kg	11.2	3.3	1	04/08/21 15:45	04/09/21 07:17	74-97-5	
Bromodichloromethane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	75-27-4	
Bromoform	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	75-25-2	
Bromomethane	ND	ug/kg	22.4	17.7	1	04/08/21 15:45	04/09/21 07:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	224	53.8	1	04/08/21 15:45	04/09/21 07:17	78-93-3	
n-Butylbenzene	ND	ug/kg	11.2	5.3	1	04/08/21 15:45	04/09/21 07:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.2	4.9	1	04/08/21 15:45	04/09/21 07:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.2	4.2	1	04/08/21 15:45	04/09/21 07:17	56-23-5	
Chlorobenzene	ND	ug/kg	11.2	2.2	1	04/08/21 15:45	04/09/21 07:17	108-90-7	
Chloroethane	ND	ug/kg	22.4	8.6	1	04/08/21 15:45	04/09/21 07:17	75-00-3	
Chloroform	ND	ug/kg	11.2	6.8	1	04/08/21 15:45	04/09/21 07:17	67-66-3	
Chloromethane	ND	ug/kg	22.4	9.4	1	04/08/21 15:45	04/09/21 07:17	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.2	2.0	1	04/08/21 15:45	04/09/21 07:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	96-12-8	
Dibromochloromethane	ND	ug/kg	11.2	6.3	1	04/08/21 15:45	04/09/21 07:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.2	4.9	1	04/08/21 15:45	04/09/21 07:17	106-93-4	
Dibromomethane	ND	ug/kg	11.2	2.4	1	04/08/21 15:45	04/09/21 07:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.2	2.9	1	04/08/21 15:45	04/09/21 07:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.4	4.9	1	04/08/21 15:45	04/09/21 07:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.2	4.6	1	04/08/21 15:45	04/09/21 07:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.2	7.4	1	04/08/21 15:45	04/09/21 07:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.2	4.6	1	04/08/21 15:45	04/09/21 07:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.2	3.4	1	04/08/21 15:45	04/09/21 07:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.2	5.4	1	04/08/21 15:45	04/09/21 07:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	108-20-3	
Ethylbenzene	ND	ug/kg	11.2	5.2	1	04/08/21 15:45	04/09/21 07:17	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	22.4	18.3	1	04/08/21 15:45	04/09/21 07:17	87-68-3	
2-Hexanone	ND	ug/kg	112	10.8	1	04/08/21 15:45	04/09/21 07:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.2	5.5	1	04/08/21 15:45	04/09/21 07:17	99-87-6	
Methylene Chloride	ND	ug/kg	44.8	30.7	1	04/08/21 15:45	04/09/21 07:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	112	10.8	1	04/08/21 15:45	04/09/21 07:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.2	4.2	1	04/08/21 15:45	04/09/21 07:17	1634-04-4	
Naphthalene	**23.7**	ug/kg	11.2	5.9	1	04/08/21 15:45	04/09/21 07:17	91-20-3	
n-Propylbenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	103-65-1	
Styrene	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	79-34-5	
Tetrachloroethene	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	127-18-4	
Toluene	ND	ug/kg	11.2	3.2	1	04/08/21 15:45	04/09/21 07:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.2	9.1	1	04/08/21 15:45	04/09/21 07:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.2	9.4	1	04/08/21 15:45	04/09/21 07:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.2	5.8	1	04/08/21 15:45	04/09/21 07:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	79-00-5	
Trichloroethene	ND	ug/kg	11.2	2.9	1	04/08/21 15:45	04/09/21 07:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.2	6.2	1	04/08/21 15:45	04/09/21 07:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.2	5.7	1	04/08/21 15:45	04/09/21 07:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.2	3.1	1	04/08/21 15:45	04/09/21 07:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	108-67-8	
Vinyl acetate	ND	ug/kg	112	8.2	1	04/08/21 15:45	04/09/21 07:17	108-05-4	
Vinyl chloride	ND	ug/kg	22.4	5.7	1	04/08/21 15:45	04/09/21 07:17	75-01-4	
Xylene (Total)	ND	ug/kg	22.4	6.4	1	04/08/21 15:45	04/09/21 07:17	1330-20-7	
m&p-Xylene	ND	ug/kg	22.4	7.7	1	04/08/21 15:45	04/09/21 07:17	179601-23-1	
o-Xylene	ND	ug/kg	11.2	5.0	1	04/08/21 15:45	04/09/21 07:17	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 07:17	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 07:17	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 07:17	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**37.3**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	570	209	10	04/10/21 21:37	04/13/21 10:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	570	220	10	04/10/21 21:37	04/13/21 10:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	570	200	10	04/10/21 21:37	04/13/21 10:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	570	108	10	04/10/21 21:37	04/13/21 10:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	570	142	10	04/10/21 21:37	04/13/21 10:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	570	107	10	04/10/21 21:37	04/13/21 10:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	570	136	10	04/10/21 21:37	04/13/21 10:14	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:14	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**3290**	ug/kg	85.8	8.8	5	04/12/21 11:41	04/14/21 14:59	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/12/21 11:41	04/13/21 12:02	321-60-8	
Nitrobenzene-d5 (S)	87	%	32-130		1	04/12/21 11:41	04/13/21 12:02	4165-60-0	
Terphenyl-d14 (S)	71	%	24-130		1	04/12/21 11:41	04/13/21 12:02	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	83-32-9	
Acenaphthylene	**4120**	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	208-96-8	
Aniline	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	62-53-3	
Anthracene	**5930**	ug/kg	2800	918	5	04/10/21 00:07	04/14/21 01:13	120-12-7	
Benzo(a)anthracene	**13700**	ug/kg	2800	935	5	04/10/21 00:07	04/14/21 01:13	56-55-3	
Benzo(b)fluoranthene	**12800**	ug/kg	2800	935	5	04/10/21 00:07	04/14/21 01:13	205-99-2	
Benzo(g,h,i)perylene	**4860**	ug/kg	2800	1090	5	04/10/21 00:07	04/14/21 01:13	191-24-2	
Benzo(k)fluoranthene	**5300**	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	207-08-9	
Benzoic Acid	ND	ug/kg	14000	6030	5	04/10/21 00:07	04/14/21 01:13	65-85-0	
Benzyl alcohol	ND	ug/kg	5610	2120	5	04/10/21 00:07	04/14/21 01:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2800	1180	5	04/10/21 00:07	04/14/21 01:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	5610	1970	5	04/10/21 00:07	04/14/21 01:13	59-50-7	
4-Chloroaniline	ND	ug/kg	5610	2200	5	04/10/21 00:07	04/14/21 01:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2800	1110	5	04/10/21 00:07	04/14/21 01:13	91-58-7	
2-Chlorophenol	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	7005-72-3	
Chrysene	**10300**	ug/kg	2800	1020	5	04/10/21 00:07	04/14/21 01:13	218-01-9	
Dibenz(a,h)anthracene	**1370J**	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	53-70-3	
Dibenzofuran	ND	ug/kg	2800	1010	5	04/10/21 00:07	04/14/21 01:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5610	1900	5	04/10/21 00:07	04/14/21 01:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	2800	1030	5	04/10/21 00:07	04/14/21 01:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	105-67-9	
Dimethylphthalate	ND	ug/kg	2800	1020	5	04/10/21 00:07	04/14/21 01:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2800	943	5	04/10/21 00:07	04/14/21 01:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5610	2620	5	04/10/21 00:07	04/14/21 01:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	14000	8670	5	04/10/21 00:07	04/14/21 01:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	2800	1030	5	04/10/21 00:07	04/14/21 01:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2800	1090	5	04/10/21 00:07	04/14/21 01:13	117-81-7	
Fluoranthene	**26300**	ug/kg	2800	960	5	04/10/21 00:07	04/14/21 01:13	206-44-0	
Fluorene	**1960J**	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2800	1610	5	04/10/21 00:07	04/14/21 01:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	2800	1070	5	04/10/21 00:07	04/14/21 01:13	67-72-1	
Indeno(1,2,3-cd)pyrene	**4840**	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	193-39-5	
Isophorone	ND	ug/kg	2800	1250	5	04/10/21 00:07	04/14/21 01:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2800	1120	5	04/10/21 00:07	04/14/21 01:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2800	1150	5	04/10/21 00:07	04/14/21 01:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2800	1130	5	04/10/21 00:07	04/14/21 01:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	14000	2290	5	04/10/21 00:07	04/14/21 01:13	88-74-4	
3-Nitroaniline	ND	ug/kg	14000	2200	5	04/10/21 00:07	04/14/21 01:13	99-09-2	
4-Nitroaniline	ND	ug/kg	5610	2130	5	04/10/21 00:07	04/14/21 01:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	2800	1300	5	04/10/21 00:07	04/14/21 01:13	98-95-3	
2-Nitrophenol	ND	ug/kg	2800	1220	5	04/10/21 00:07	04/14/21 01:13	88-75-5	
4-Nitrophenol	ND	ug/kg	14000	5420	5	04/10/21 00:07	04/14/21 01:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2800	943	5	04/10/21 00:07	04/14/21 01:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2800	994	5	04/10/21 00:07	04/14/21 01:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2800	1330	5	04/10/21 00:07	04/14/21 01:13	108-60-1	
Pentachlorophenol	ND	ug/kg	5610	2750	5	04/10/21 00:07	04/14/21 01:13	87-86-5	
Phenanthrene	**16800**	ug/kg	2800	918	5	04/10/21 00:07	04/14/21 01:13	85-01-8	
Phenol	ND	ug/kg	2800	1250	5	04/10/21 00:07	04/14/21 01:13	108-95-2	
Pyrene	**18800**	ug/kg	2800	1140	5	04/10/21 00:07	04/14/21 01:13	129-00-0	
Pyridine	ND	ug/kg	2800	884	5	04/10/21 00:07	04/14/21 01:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2800	1280	5	04/10/21 00:07	04/14/21 01:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		5	04/10/21 00:07	04/14/21 01:13	4165-60-0	D3
2-Fluorobiphenyl (S)	62	%	19-130		5	04/10/21 00:07	04/14/21 01:13	321-60-8	
Terphenyl-d14 (S)	48	%	15-130		5	04/10/21 00:07	04/14/21 01:13	1718-51-0	
Phenol-d6 (S)	75	%	18-130		5	04/10/21 00:07	04/14/21 01:13	13127-88-3	
2-Fluorophenol (S)	66	%	18-130		5	04/10/21 00:07	04/14/21 01:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	81	%	18-130		5	04/10/21 00:07	04/14/21 01:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**189J**	ug/kg	273	87.7	1	04/08/21 15:45	04/09/21 07:35	67-64-1	
Benzene	ND	ug/kg	13.7	5.4	1	04/08/21 15:45	04/09/21 07:35	71-43-2	
Bromobenzene	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	108-86-1	
Bromochloromethane	ND	ug/kg	13.7	4.0	1	04/08/21 15:45	04/09/21 07:35	74-97-5	
Bromodichloromethane	ND	ug/kg	13.7	5.3	1	04/08/21 15:45	04/09/21 07:35	75-27-4	
Bromoform	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	75-25-2	
Bromomethane	ND	ug/kg	27.3	21.6	1	04/08/21 15:45	04/09/21 07:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	273	65.6	1	04/08/21 15:45	04/09/21 07:35	78-93-3	
n-Butylbenzene	ND	ug/kg	13.7	6.4	1	04/08/21 15:45	04/09/21 07:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.7	5.1	1	04/08/21 15:45	04/09/21 07:35	56-23-5	
Chlorobenzene	ND	ug/kg	13.7	2.6	1	04/08/21 15:45	04/09/21 07:35	108-90-7	
Chloroethane	ND	ug/kg	27.3	10.5	1	04/08/21 15:45	04/09/21 07:35	75-00-3	
Chloroform	ND	ug/kg	13.7	8.3	1	04/08/21 15:45	04/09/21 07:35	67-66-3	
Chloromethane	ND	ug/kg	27.3	11.5	1	04/08/21 15:45	04/09/21 07:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.7	2.4	1	04/08/21 15:45	04/09/21 07:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.7	5.3	1	04/08/21 15:45	04/09/21 07:35	96-12-8	
Dibromochloromethane	ND	ug/kg	13.7	7.7	1	04/08/21 15:45	04/09/21 07:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	106-93-4	
Dibromomethane	ND	ug/kg	13.7	2.9	1	04/08/21 15:45	04/09/21 07:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.7	4.2	1	04/08/21 15:45	04/09/21 07:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	27.3	5.9	1	04/08/21 15:45	04/09/21 07:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.7	5.6	1	04/08/21 15:45	04/09/21 07:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.7	9.0	1	04/08/21 15:45	04/09/21 07:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.7	5.6	1	04/08/21 15:45	04/09/21 07:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.7	4.7	1	04/08/21 15:45	04/09/21 07:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.7	4.1	1	04/08/21 15:45	04/09/21 07:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.7	4.3	1	04/08/21 15:45	04/09/21 07:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.7	6.6	1	04/08/21 15:45	04/09/21 07:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.7	4.7	1	04/08/21 15:45	04/09/21 07:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	108-20-3	
Ethylbenzene	ND	ug/kg	13.7	6.4	1	04/08/21 15:45	04/09/21 07:35	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	27.3	22.4	1	04/08/21 15:45	04/09/21 07:35	87-68-3	
2-Hexanone	ND	ug/kg	137	13.2	1	04/08/21 15:45	04/09/21 07:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.7	4.6	1	04/08/21 15:45	04/09/21 07:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.7	6.7	1	04/08/21 15:45	04/09/21 07:35	99-87-6	
Methylene Chloride	ND	ug/kg	54.7	37.4	1	04/08/21 15:45	04/09/21 07:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	137	13.2	1	04/08/21 15:45	04/09/21 07:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.7	5.1	1	04/08/21 15:45	04/09/21 07:35	1634-04-4	
Naphthalene	**60.1**	ug/kg	13.7	7.2	1	04/08/21 15:45	04/09/21 07:35	91-20-3	
n-Propylbenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	103-65-1	
Styrene	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.7	5.2	1	04/08/21 15:45	04/09/21 07:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	79-34-5	
Tetrachloroethene	ND	ug/kg	13.7	4.3	1	04/08/21 15:45	04/09/21 07:35	127-18-4	
Toluene	**9.6J**	ug/kg	13.7	3.9	1	04/08/21 15:45	04/09/21 07:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.7	11.0	1	04/08/21 15:45	04/09/21 07:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.7	11.5	1	04/08/21 15:45	04/09/21 07:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.7	7.1	1	04/08/21 15:45	04/09/21 07:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	79-00-5	
Trichloroethene	ND	ug/kg	13.7	3.5	1	04/08/21 15:45	04/09/21 07:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.7	7.5	1	04/08/21 15:45	04/09/21 07:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.7	6.9	1	04/08/21 15:45	04/09/21 07:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.7	4.6	1	04/08/21 15:45	04/09/21 07:35	108-67-8	
Vinyl acetate	ND	ug/kg	137	9.9	1	04/08/21 15:45	04/09/21 07:35	108-05-4	
Vinyl chloride	ND	ug/kg	27.3	6.9	1	04/08/21 15:45	04/09/21 07:35	75-01-4	
Xylene (Total)	**11.8J**	ug/kg	27.3	7.8	1	04/08/21 15:45	04/09/21 07:35	1330-20-7	
m&p-Xylene	**11.8J**	ug/kg	27.3	9.3	1	04/08/21 15:45	04/09/21 07:35	179601-23-1	
o-Xylene	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 07:35	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 07:35	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130		1	04/08/21 15:45	04/09/21 07:35	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**41.9**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	50.7	18.6	1	04/10/21 21:37	04/12/21 12:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	50.7	19.6	1	04/10/21 21:37	04/12/21 12:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	50.7	17.8	1	04/10/21 21:37	04/12/21 12:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	50.7	9.6	1	04/10/21 21:37	04/12/21 12:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	50.7	12.7	1	04/10/21 21:37	04/12/21 12:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	50.7	9.5	1	04/10/21 21:37	04/12/21 12:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	50.7	12.1	1	04/10/21 21:37	04/12/21 12:46	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	69	%	10-160		1	04/10/21 21:37	04/12/21 12:46	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**182**	ug/kg	15.1	1.6	1	04/12/21 11:41	04/13/21 12:24	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	91	%	31-130		1	04/12/21 11:41	04/13/21 12:24	321-60-8	
Nitrobenzene-d5 (S)	71	%	32-130		1	04/12/21 11:41	04/13/21 12:24	4165-60-0	
Terphenyl-d14 (S)	78	%	24-130		1	04/12/21 11:41	04/13/21 12:24	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	83-32-9	
Acenaphthylene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	208-96-8	
Aniline	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	62-53-3	
Anthracene	ND	ug/kg	502	164	1	04/10/21 00:07	04/13/21 20:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	502	167	1	04/10/21 00:07	04/13/21 20:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	502	167	1	04/10/21 00:07	04/13/21 20:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	502	195	1	04/10/21 00:07	04/13/21 20:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	207-08-9	
Benzoic Acid	ND	ug/kg	2510	1080	1	04/10/21 00:07	04/13/21 20:42	65-85-0	
Benzyl alcohol	ND	ug/kg	1000	380	1	04/10/21 00:07	04/13/21 20:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	502	211	1	04/10/21 00:07	04/13/21 20:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1000	353	1	04/10/21 00:07	04/13/21 20:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1000	394	1	04/10/21 00:07	04/13/21 20:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	502	208	1	04/10/21 00:07	04/13/21 20:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	502	199	1	04/10/21 00:07	04/13/21 20:42	91-58-7	
2-Chlorophenol	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	502	187	1	04/10/21 00:07	04/13/21 20:42	7005-72-3	
Chrysene	ND	ug/kg	502	183	1	04/10/21 00:07	04/13/21 20:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	53-70-3	
Dibenzofuran	ND	ug/kg	502	181	1	04/10/21 00:07	04/13/21 20:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1000	339	1	04/10/21 00:07	04/13/21 20:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	502	184	1	04/10/21 00:07	04/13/21 20:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	502	208	1	04/10/21 00:07	04/13/21 20:42	105-67-9	
Dimethylphthalate	ND	ug/kg	502	183	1	04/10/21 00:07	04/13/21 20:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	502	169	1	04/10/21 00:07	04/13/21 20:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1000	469	1	04/10/21 00:07	04/13/21 20:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2510	1550	1	04/10/21 00:07	04/13/21 20:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	502	184	1	04/10/21 00:07	04/13/21 20:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	502	198	1	04/10/21 00:07	04/13/21 20:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	502	195	1	04/10/21 00:07	04/13/21 20:42	117-81-7	
Fluoranthene	ND	ug/kg	502	172	1	04/10/21 00:07	04/13/21 20:42	206-44-0	
Fluorene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	502	288	1	04/10/21 00:07	04/13/21 20:42	77-47-4	v2
Hexachloroethane	ND	ug/kg	502	192	1	04/10/21 00:07	04/13/21 20:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	502	198	1	04/10/21 00:07	04/13/21 20:42	193-39-5	
Isophorone	ND	ug/kg	502	224	1	04/10/21 00:07	04/13/21 20:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	502	201	1	04/10/21 00:07	04/13/21 20:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	502	205	1	04/10/21 00:07	04/13/21 20:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	502	202	1	04/10/21 00:07	04/13/21 20:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	2510	411	1	04/10/21 00:07	04/13/21 20:42	88-74-4	
3-Nitroaniline	ND	ug/kg	2510	394	1	04/10/21 00:07	04/13/21 20:42	99-09-2	
4-Nitroaniline	ND	ug/kg	1000	382	1	04/10/21 00:07	04/13/21 20:42	100-01-6	v1
Nitrobenzene	ND	ug/kg	502	233	1	04/10/21 00:07	04/13/21 20:42	98-95-3	
2-Nitrophenol	ND	ug/kg	502	218	1	04/10/21 00:07	04/13/21 20:42	88-75-5	
4-Nitrophenol	ND	ug/kg	2510	971	1	04/10/21 00:07	04/13/21 20:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	502	169	1	04/10/21 00:07	04/13/21 20:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	502	178	1	04/10/21 00:07	04/13/21 20:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	502	239	1	04/10/21 00:07	04/13/21 20:42	108-60-1	
Pentachlorophenol	ND	ug/kg	1000	491	1	04/10/21 00:07	04/13/21 20:42	87-86-5	
Phenanthrene	ND	ug/kg	502	164	1	04/10/21 00:07	04/13/21 20:42	85-01-8	
Phenol	ND	ug/kg	502	224	1	04/10/21 00:07	04/13/21 20:42	108-95-2	
Pyrene	ND	ug/kg	502	204	1	04/10/21 00:07	04/13/21 20:42	129-00-0	
Pyridine	ND	ug/kg	502	158	1	04/10/21 00:07	04/13/21 20:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	502	230	1	04/10/21 00:07	04/13/21 20:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	502	207	1	04/10/21 00:07	04/13/21 20:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/10/21 00:07	04/13/21 20:42	4165-60-0	
2-Fluorobiphenyl (S)	73	%	19-130		1	04/10/21 00:07	04/13/21 20:42	321-60-8	
Terphenyl-d14 (S)	60	%	15-130		1	04/10/21 00:07	04/13/21 20:42	1718-51-0	
Phenol-d6 (S)	83	%	18-130		1	04/10/21 00:07	04/13/21 20:42	13127-88-3	
2-Fluorophenol (S)	77	%	18-130		1	04/10/21 00:07	04/13/21 20:42	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	85	%	18-130		1	04/10/21 00:07	04/13/21 20:42	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	187	60.2	1	04/08/21 15:45	04/09/21 07:53	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/08/21 15:45	04/09/21 07:53	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/08/21 15:45	04/09/21 07:53	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/08/21 15:45	04/09/21 07:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	45.0	1	04/08/21 15:45	04/09/21 07:53	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/08/21 15:45	04/09/21 07:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/08/21 15:45	04/09/21 07:53	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/08/21 15:45	04/09/21 07:53	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/08/21 15:45	04/09/21 07:53	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/08/21 15:45	04/09/21 07:53	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/08/21 15:45	04/09/21 07:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/08/21 15:45	04/09/21 07:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/08/21 15:45	04/09/21 07:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/08/21 15:45	04/09/21 07:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/08/21 15:45	04/09/21 07:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/08/21 15:45	04/09/21 07:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/08/21 15:45	04/09/21 07:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/08/21 15:45	04/09/21 07:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/08/21 15:45	04/09/21 07:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/08/21 15:45	04/09/21 07:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/08/21 15:45	04/09/21 07:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/08/21 15:45	04/09/21 07:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/08/21 15:45	04/09/21 07:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/08/21 15:45	04/09/21 07:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/08/21 15:45	04/09/21 07:53	100-41-4	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/08/21 15:45	04/09/21 07:53	87-68-3	
2-Hexanone	ND	ug/kg	93.7	9.0	1	04/08/21 15:45	04/09/21 07:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/08/21 15:45	04/09/21 07:53	99-87-6	
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/08/21 15:45	04/09/21 07:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.7	9.0	1	04/08/21 15:45	04/09/21 07:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/08/21 15:45	04/09/21 07:53	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/08/21 15:45	04/09/21 07:53	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/08/21 15:45	04/09/21 07:53	127-18-4	
Toluene	ND	ug/kg	9.4	2.7	1	04/08/21 15:45	04/09/21 07:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/08/21 15:45	04/09/21 07:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/08/21 15:45	04/09/21 07:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/08/21 15:45	04/09/21 07:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/08/21 15:45	04/09/21 07:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/08/21 15:45	04/09/21 07:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/08/21 15:45	04/09/21 07:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/08/21 15:45	04/09/21 07:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	108-67-8	
Vinyl acetate	ND	ug/kg	93.7	6.8	1	04/08/21 15:45	04/09/21 07:53	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/08/21 15:45	04/09/21 07:53	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/08/21 15:45	04/09/21 07:53	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/08/21 15:45	04/09/21 07:53	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 07:53	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 07:53	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 07:53	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**34.3**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	60.6	22.2	1	04/10/21 21:37	04/13/21 10:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	60.6	23.4	1	04/10/21 21:37	04/13/21 10:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	60.6	21.2	1	04/10/21 21:37	04/13/21 10:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	60.6	11.4	1	04/10/21 21:37	04/13/21 10:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	60.6	15.1	1	04/10/21 21:37	04/13/21 10:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	60.6	11.4	1	04/10/21 21:37	04/13/21 10:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	60.6	14.5	1	04/10/21 21:37	04/13/21 10:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	60	%	10-160		1	04/10/21 21:37	04/13/21 10:21	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**16.0J**	ug/kg	17.9	1.8	1	04/12/21 11:41	04/13/21 12:46	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/12/21 11:41	04/13/21 12:46	321-60-8	
Nitrobenzene-d5 (S)	66	%	32-130		1	04/12/21 11:41	04/13/21 12:46	4165-60-0	
Terphenyl-d14 (S)	58	%	24-130		1	04/12/21 11:41	04/13/21 12:46	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	83-32-9	
Acenaphthylene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	208-96-8	
Aniline	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	62-53-3	
Anthracene	ND	ug/kg	596	195	1	04/10/21 00:07	04/13/21 21:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	596	199	1	04/10/21 00:07	04/13/21 21:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	596	199	1	04/10/21 00:07	04/13/21 21:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	596	231	1	04/10/21 00:07	04/13/21 21:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	207-08-9	
Benzoic Acid	ND	ug/kg	2980	1280	1	04/10/21 00:07	04/13/21 21:13	65-85-0	
Benzyl alcohol	ND	ug/kg	1190	452	1	04/10/21 00:07	04/13/21 21:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	596	251	1	04/10/21 00:07	04/13/21 21:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1190	419	1	04/10/21 00:07	04/13/21 21:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1190	468	1	04/10/21 00:07	04/13/21 21:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	596	247	1	04/10/21 00:07	04/13/21 21:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	596	237	1	04/10/21 00:07	04/13/21 21:13	91-58-7	
2-Chlorophenol	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	596	222	1	04/10/21 00:07	04/13/21 21:13	7005-72-3	
Chrysene	ND	ug/kg	596	217	1	04/10/21 00:07	04/13/21 21:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	53-70-3	
Dibenzofuran	ND	ug/kg	596	215	1	04/10/21 00:07	04/13/21 21:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1190	403	1	04/10/21 00:07	04/13/21 21:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	596	219	1	04/10/21 00:07	04/13/21 21:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	596	247	1	04/10/21 00:07	04/13/21 21:13	105-67-9	
Dimethylphthalate	ND	ug/kg	596	217	1	04/10/21 00:07	04/13/21 21:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	596	200	1	04/10/21 00:07	04/13/21 21:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1190	556	1	04/10/21 00:07	04/13/21 21:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2980	1840	1	04/10/21 00:07	04/13/21 21:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	596	219	1	04/10/21 00:07	04/13/21 21:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	596	235	1	04/10/21 00:07	04/13/21 21:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	596	231	1	04/10/21 00:07	04/13/21 21:13	117-81-7	
Fluoranthene	ND	ug/kg	596	204	1	04/10/21 00:07	04/13/21 21:13	206-44-0	
Fluorene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	596	341	1	04/10/21 00:07	04/13/21 21:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	596	228	1	04/10/21 00:07	04/13/21 21:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	596	235	1	04/10/21 00:07	04/13/21 21:13	193-39-5	
Isophorone	ND	ug/kg	596	266	1	04/10/21 00:07	04/13/21 21:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	596	238	1	04/10/21 00:07	04/13/21 21:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	596	244	1	04/10/21 00:07	04/13/21 21:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	596	240	1	04/10/21 00:07	04/13/21 21:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2980	488	1	04/10/21 00:07	04/13/21 21:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2980	468	1	04/10/21 00:07	04/13/21 21:13	99-09-2	
4-Nitroaniline	ND	ug/kg	1190	453	1	04/10/21 00:07	04/13/21 21:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	596	276	1	04/10/21 00:07	04/13/21 21:13	98-95-3	
2-Nitrophenol	ND	ug/kg	596	258	1	04/10/21 00:07	04/13/21 21:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2980	1150	1	04/10/21 00:07	04/13/21 21:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	596	200	1	04/10/21 00:07	04/13/21 21:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	596	211	1	04/10/21 00:07	04/13/21 21:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	596	284	1	04/10/21 00:07	04/13/21 21:13	108-60-1	
Pentachlorophenol	ND	ug/kg	1190	583	1	04/10/21 00:07	04/13/21 21:13	87-86-5	
Phenanthrene	ND	ug/kg	596	195	1	04/10/21 00:07	04/13/21 21:13	85-01-8	
Phenol	ND	ug/kg	596	266	1	04/10/21 00:07	04/13/21 21:13	108-95-2	
Pyrene	ND	ug/kg	596	242	1	04/10/21 00:07	04/13/21 21:13	129-00-0	
Pyridine	ND	ug/kg	596	188	1	04/10/21 00:07	04/13/21 21:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	596	273	1	04/10/21 00:07	04/13/21 21:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	596	246	1	04/10/21 00:07	04/13/21 21:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	21-130		1	04/10/21 00:07	04/13/21 21:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	04/10/21 00:07	04/13/21 21:13	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	04/10/21 00:07	04/13/21 21:13	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/10/21 00:07	04/13/21 21:13	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		1	04/10/21 00:07	04/13/21 21:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/10/21 00:07	04/13/21 21:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**127J**	ug/kg	256	82.1	1	04/08/21 15:45	04/09/21 08:11	67-64-1	
Benzene	ND	ug/kg	12.8	5.1	1	04/08/21 15:45	04/09/21 08:11	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/08/21 15:45	04/09/21 08:11	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/08/21 15:45	04/09/21 08:11	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.2	1	04/08/21 15:45	04/09/21 08:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	256	61.4	1	04/08/21 15:45	04/09/21 08:11	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/08/21 15:45	04/09/21 08:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/08/21 15:45	04/09/21 08:11	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/08/21 15:45	04/09/21 08:11	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	04/08/21 15:45	04/09/21 08:11	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/08/21 15:45	04/09/21 08:11	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.7	1	04/08/21 15:45	04/09/21 08:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/08/21 15:45	04/09/21 08:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/08/21 15:45	04/09/21 08:11	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/08/21 15:45	04/09/21 08:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/08/21 15:45	04/09/21 08:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/08/21 15:45	04/09/21 08:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.5	1	04/08/21 15:45	04/09/21 08:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/08/21 15:45	04/09/21 08:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/08/21 15:45	04/09/21 08:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/08/21 15:45	04/09/21 08:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/08/21 15:45	04/09/21 08:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/08/21 15:45	04/09/21 08:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.1	1	04/08/21 15:45	04/09/21 08:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/08/21 15:45	04/09/21 08:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	108-20-3	
Ethylbenzene	**6.4J**	ug/kg	12.8	6.0	1	04/08/21 15:45	04/09/21 08:11	100-41-4	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	20.9	1	04/08/21 15:45	04/09/21 08:11	87-68-3	
2-Hexanone	ND	ug/kg	128	12.3	1	04/08/21 15:45	04/09/21 08:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.3	1	04/08/21 15:45	04/09/21 08:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.8	6.3	1	04/08/21 15:45	04/09/21 08:11	99-87-6	
Methylene Chloride	ND	ug/kg	51.1	35.0	1	04/08/21 15:45	04/09/21 08:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.3	1	04/08/21 15:45	04/09/21 08:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/08/21 15:45	04/09/21 08:11	1634-04-4	
Naphthalene	**30.0**	ug/kg	12.8	6.7	1	04/08/21 15:45	04/09/21 08:11	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/08/21 15:45	04/09/21 08:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/08/21 15:45	04/09/21 08:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/08/21 15:45	04/09/21 08:11	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	127-18-4	
Toluene	**10.1J**	ug/kg	12.8	3.6	1	04/08/21 15:45	04/09/21 08:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.3	1	04/08/21 15:45	04/09/21 08:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.7	1	04/08/21 15:45	04/09/21 08:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.6	1	04/08/21 15:45	04/09/21 08:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/08/21 15:45	04/09/21 08:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/08/21 15:45	04/09/21 08:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/08/21 15:45	04/09/21 08:11	96-18-4	
1,2,4-Trimethylbenzene	**8.6J**	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	12.8	4.3	1	04/08/21 15:45	04/09/21 08:11	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/08/21 15:45	04/09/21 08:11	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	04/08/21 15:45	04/09/21 08:11	75-01-4	
Xylene (Total)	**24.5J**	ug/kg	25.6	7.3	1	04/08/21 15:45	04/09/21 08:11	1330-20-7	
m&p-Xylene	**16.6J**	ug/kg	25.6	8.7	1	04/08/21 15:45	04/09/21 08:11	179601-23-1	
o-Xylene	**7.9J**	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 08:11	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/08/21 15:45	04/09/21 08:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 08:11	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**45.0**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.1	19.4	1	04/10/21 21:37	04/13/21 10:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.1	20.5	1	04/10/21 21:37	04/13/21 10:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.1	18.6	1	04/10/21 21:37	04/13/21 10:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.1	10.0	1	04/10/21 21:37	04/13/21 10:28	53469-21-9	
PCB-1248 (Aroclor 1248)	**123**	ug/kg	53.1	13.2	1	04/10/21 21:37	04/13/21 10:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.1	10	1	04/10/21 21:37	04/13/21 10:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.1	12.7	1	04/10/21 21:37	04/13/21 10:28	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	98	%	10-160		1	04/10/21 21:37	04/13/21 10:28	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/kg	16.2	1.7	1	04/12/21 11:41	04/13/21 13:08	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-130		1	04/12/21 11:41	04/13/21 13:08	321-60-8	
Nitrobenzene-d5 (S)	38	%	32-130		1	04/12/21 11:41	04/13/21 13:08	4165-60-0	
Terphenyl-d14 (S)	64	%	24-130		1	04/12/21 11:41	04/13/21 13:08	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	83-32-9	
Acenaphthylene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	208-96-8	
Aniline	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	62-53-3	
Anthracene	ND	ug/kg	545	178	1	04/10/21 00:07	04/13/21 21:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	545	182	1	04/10/21 00:07	04/13/21 21:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	545	182	1	04/10/21 00:07	04/13/21 21:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	545	211	1	04/10/21 00:07	04/13/21 21:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	207-08-9	
Benzoic Acid	ND	ug/kg	2720	1170	1	04/10/21 00:07	04/13/21 21:42	65-85-0	
Benzyl alcohol	ND	ug/kg	1090	413	1	04/10/21 00:07	04/13/21 21:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	545	230	1	04/10/21 00:07	04/13/21 21:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1090	383	1	04/10/21 00:07	04/13/21 21:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1090	428	1	04/10/21 00:07	04/13/21 21:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	545	226	1	04/10/21 00:07	04/13/21 21:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	545	216	1	04/10/21 00:07	04/13/21 21:42	91-58-7	
2-Chlorophenol	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	545	203	1	04/10/21 00:07	04/13/21 21:42	7005-72-3	
Chrysene	ND	ug/kg	545	198	1	04/10/21 00:07	04/13/21 21:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	53-70-3	
Dibenzofuran	ND	ug/kg	545	197	1	04/10/21 00:07	04/13/21 21:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1090	368	1	04/10/21 00:07	04/13/21 21:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	545	200	1	04/10/21 00:07	04/13/21 21:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	545	226	1	04/10/21 00:07	04/13/21 21:42	105-67-9	
Dimethylphthalate	ND	ug/kg	545	198	1	04/10/21 00:07	04/13/21 21:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	545	183	1	04/10/21 00:07	04/13/21 21:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1090	509	1	04/10/21 00:07	04/13/21 21:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2720	1680	1	04/10/21 00:07	04/13/21 21:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	545	200	1	04/10/21 00:07	04/13/21 21:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	545	215	1	04/10/21 00:07	04/13/21 21:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	545	211	1	04/10/21 00:07	04/13/21 21:42	117-81-7	
Fluoranthene	ND	ug/kg	545	187	1	04/10/21 00:07	04/13/21 21:42	206-44-0	
Fluorene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	545	312	1	04/10/21 00:07	04/13/21 21:42	77-47-4	v2
Hexachloroethane	ND	ug/kg	545	208	1	04/10/21 00:07	04/13/21 21:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	545	215	1	04/10/21 00:07	04/13/21 21:42	193-39-5	
Isophorone	ND	ug/kg	545	243	1	04/10/21 00:07	04/13/21 21:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	545	218	1	04/10/21 00:07	04/13/21 21:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	545	223	1	04/10/21 00:07	04/13/21 21:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	545	220	1	04/10/21 00:07	04/13/21 21:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	2720	446	1	04/10/21 00:07	04/13/21 21:42	88-74-4	
3-Nitroaniline	ND	ug/kg	2720	428	1	04/10/21 00:07	04/13/21 21:42	99-09-2	
4-Nitroaniline	ND	ug/kg	1090	414	1	04/10/21 00:07	04/13/21 21:42	100-01-6	v1
Nitrobenzene	ND	ug/kg	545	253	1	04/10/21 00:07	04/13/21 21:42	98-95-3	
2-Nitrophenol	ND	ug/kg	545	236	1	04/10/21 00:07	04/13/21 21:42	88-75-5	
4-Nitrophenol	ND	ug/kg	2720	1050	1	04/10/21 00:07	04/13/21 21:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	545	183	1	04/10/21 00:07	04/13/21 21:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	545	193	1	04/10/21 00:07	04/13/21 21:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	545	259	1	04/10/21 00:07	04/13/21 21:42	108-60-1	
Pentachlorophenol	ND	ug/kg	1090	533	1	04/10/21 00:07	04/13/21 21:42	87-86-5	
Phenanthrene	ND	ug/kg	545	178	1	04/10/21 00:07	04/13/21 21:42	85-01-8	
Phenol	ND	ug/kg	545	243	1	04/10/21 00:07	04/13/21 21:42	108-95-2	
Pyrene	ND	ug/kg	545	221	1	04/10/21 00:07	04/13/21 21:42	129-00-0	
Pyridine	ND	ug/kg	545	172	1	04/10/21 00:07	04/13/21 21:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	545	249	1	04/10/21 00:07	04/13/21 21:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	545	225	1	04/10/21 00:07	04/13/21 21:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	35	%	21-130		1	04/10/21 00:07	04/13/21 21:42	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/10/21 00:07	04/13/21 21:42	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/10/21 00:07	04/13/21 21:42	1718-51-0	
Phenol-d6 (S)	36	%	18-130		1	04/10/21 00:07	04/13/21 21:42	13127-88-3	
2-Fluorophenol (S)	33	%	18-130		1	04/10/21 00:07	04/13/21 21:42	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	54	%	18-130		1	04/10/21 00:07	04/13/21 21:42	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	208	66.8	1	04/08/21 15:45	04/09/21 08:29	67-64-1	
Benzene	ND	ug/kg	10.4	4.1	1	04/08/21 15:45	04/09/21 08:29	71-43-2	
Bromobenzene	ND	ug/kg	10.4	3.4	1	04/08/21 15:45	04/09/21 08:29	108-86-1	
Bromochloromethane	ND	ug/kg	10.4	3.1	1	04/08/21 15:45	04/09/21 08:29	74-97-5	
Bromodichloromethane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	75-27-4	
Bromoform	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	75-25-2	
Bromomethane	ND	ug/kg	20.8	16.4	1	04/08/21 15:45	04/09/21 08:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	208	50.0	1	04/08/21 15:45	04/09/21 08:29	78-93-3	
n-Butylbenzene	ND	ug/kg	10.4	4.9	1	04/08/21 15:45	04/09/21 08:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	10.4	3.9	1	04/08/21 15:45	04/09/21 08:29	56-23-5	
Chlorobenzene	ND	ug/kg	10.4	2.0	1	04/08/21 15:45	04/09/21 08:29	108-90-7	
Chloroethane	ND	ug/kg	20.8	8.0	1	04/08/21 15:45	04/09/21 08:29	75-00-3	
Chloroform	ND	ug/kg	10.4	6.3	1	04/08/21 15:45	04/09/21 08:29	67-66-3	
Chloromethane	ND	ug/kg	20.8	8.7	1	04/08/21 15:45	04/09/21 08:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.4	1.8	1	04/08/21 15:45	04/09/21 08:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	96-12-8	
Dibromochloromethane	ND	ug/kg	10.4	5.8	1	04/08/21 15:45	04/09/21 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	106-93-4	
Dibromomethane	ND	ug/kg	10.4	2.2	1	04/08/21 15:45	04/09/21 08:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.4	3.2	1	04/08/21 15:45	04/09/21 08:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.8	4.5	1	04/08/21 15:45	04/09/21 08:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.4	4.3	1	04/08/21 15:45	04/09/21 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.4	6.9	1	04/08/21 15:45	04/09/21 08:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.4	4.3	1	04/08/21 15:45	04/09/21 08:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.4	3.1	1	04/08/21 15:45	04/09/21 08:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.4	3.2	1	04/08/21 15:45	04/09/21 08:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.4	3.4	1	04/08/21 15:45	04/09/21 08:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.4	5.0	1	04/08/21 15:45	04/09/21 08:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.4	2.8	1	04/08/21 15:45	04/09/21 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	10.4	2.8	1	04/08/21 15:45	04/09/21 08:29	108-20-3	
Ethylbenzene	ND	ug/kg	10.4	4.8	1	04/08/21 15:45	04/09/21 08:29	100-41-4	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	20.8	17.0	1	04/08/21 15:45	04/09/21 08:29	87-68-3	
2-Hexanone	ND	ug/kg	104	10.0	1	04/08/21 15:45	04/09/21 08:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10.4	5.1	1	04/08/21 15:45	04/09/21 08:29	99-87-6	
Methylene Chloride	ND	ug/kg	41.6	28.5	1	04/08/21 15:45	04/09/21 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	104	10.0	1	04/08/21 15:45	04/09/21 08:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.4	3.9	1	04/08/21 15:45	04/09/21 08:29	1634-04-4	
Naphthalene	ND	ug/kg	10.4	5.5	1	04/08/21 15:45	04/09/21 08:29	91-20-3	
n-Propylbenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	103-65-1	
Styrene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	79-34-5	
Tetrachloroethene	ND	ug/kg	10.4	3.3	1	04/08/21 15:45	04/09/21 08:29	127-18-4	
Toluene	ND	ug/kg	10.4	3.0	1	04/08/21 15:45	04/09/21 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.4	8.4	1	04/08/21 15:45	04/09/21 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.4	8.7	1	04/08/21 15:45	04/09/21 08:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.4	5.4	1	04/08/21 15:45	04/09/21 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	79-00-5	
Trichloroethene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.4	5.7	1	04/08/21 15:45	04/09/21 08:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.4	5.3	1	04/08/21 15:45	04/09/21 08:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10.4	2.9	1	04/08/21 15:45	04/09/21 08:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	108-67-8	
Vinyl acetate	ND	ug/kg	104	7.6	1	04/08/21 15:45	04/09/21 08:29	108-05-4	
Vinyl chloride	ND	ug/kg	20.8	5.3	1	04/08/21 15:45	04/09/21 08:29	75-01-4	
Xylene (Total)	ND	ug/kg	20.8	5.9	1	04/08/21 15:45	04/09/21 08:29	1330-20-7	
m&p-Xylene	ND	ug/kg	20.8	7.1	1	04/08/21 15:45	04/09/21 08:29	179601-23-1	
o-Xylene	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 08:29	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 08:29	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 08:29	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**38.8**	%	0.10	0.10	1		04/08/21 14:32		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	217	79.5	2	04/10/21 21:37	04/13/21 10:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	217	83.8	2	04/10/21 21:37	04/13/21 10:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	217	76.1	2	04/10/21 21:37	04/13/21 10:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	217	41.0	2	04/10/21 21:37	04/13/21 10:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	217	54.3	2	04/10/21 21:37	04/13/21 10:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	217	40.9	2	04/10/21 21:37	04/13/21 10:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	217	52.0	2	04/10/21 21:37	04/13/21 10:36	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	74	%	10-160		2	04/10/21 21:37	04/13/21 10:36	2051-24-3	D3
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**16.9J**	ug/kg	32.7	3.4	1	04/14/21 13:03	04/14/21 16:05	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	32	%	31-130		1	04/14/21 13:03	04/14/21 16:05	321-60-8	
Nitrobenzene-d5 (S)	34	%	32-130		1	04/14/21 13:03	04/14/21 16:05	4165-60-0	
Terphenyl-d14 (S)	37	%	24-130		1	04/14/21 13:03	04/14/21 16:05	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	83-32-9	
Acenaphthylene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	208-96-8	
Aniline	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	62-53-3	
Anthracene	ND	ug/kg	1060	347	1	04/10/21 00:07	04/13/21 22:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	1060	354	1	04/10/21 00:07	04/13/21 22:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	1060	354	1	04/10/21 00:07	04/13/21 22:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	1060	412	1	04/10/21 00:07	04/13/21 22:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	207-08-9	
Benzoic Acid	ND	ug/kg	5310	2280	1	04/10/21 00:07	04/13/21 22:13	65-85-0	
Benzyl alcohol	ND	ug/kg	2120	804	1	04/10/21 00:07	04/13/21 22:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1060	447	1	04/10/21 00:07	04/13/21 22:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	2120	746	1	04/10/21 00:07	04/13/21 22:13	59-50-7	
4-Chloroaniline	ND	ug/kg	2120	833	1	04/10/21 00:07	04/13/21 22:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1060	441	1	04/10/21 00:07	04/13/21 22:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	1060	421	1	04/10/21 00:07	04/13/21 22:13	91-58-7	
2-Chlorophenol	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1060	396	1	04/10/21 00:07	04/13/21 22:13	7005-72-3	
Chrysene	ND	ug/kg	1060	386	1	04/10/21 00:07	04/13/21 22:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	53-70-3	
Dibenzofuran	ND	ug/kg	1060	383	1	04/10/21 00:07	04/13/21 22:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	2120	717	1	04/10/21 00:07	04/13/21 22:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	1060	389	1	04/10/21 00:07	04/13/21 22:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1060	441	1	04/10/21 00:07	04/13/21 22:13	105-67-9	
Dimethylphthalate	ND	ug/kg	1060	386	1	04/10/21 00:07	04/13/21 22:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1060	357	1	04/10/21 00:07	04/13/21 22:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2120	991	1	04/10/21 00:07	04/13/21 22:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	5310	3280	1	04/10/21 00:07	04/13/21 22:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	1060	389	1	04/10/21 00:07	04/13/21 22:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1060	418	1	04/10/21 00:07	04/13/21 22:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1060	412	1	04/10/21 00:07	04/13/21 22:13	117-81-7	
Fluoranthene	ND	ug/kg	1060	363	1	04/10/21 00:07	04/13/21 22:13	206-44-0	
Fluorene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1060	608	1	04/10/21 00:07	04/13/21 22:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	1060	405	1	04/10/21 00:07	04/13/21 22:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1060	418	1	04/10/21 00:07	04/13/21 22:13	193-39-5	
Isophorone	ND	ug/kg	1060	473	1	04/10/21 00:07	04/13/21 22:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	1060	425	1	04/10/21 00:07	04/13/21 22:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1060	434	1	04/10/21 00:07	04/13/21 22:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1060	428	1	04/10/21 00:07	04/13/21 22:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	5310	868	1	04/10/21 00:07	04/13/21 22:13	88-74-4	
3-Nitroaniline	ND	ug/kg	5310	833	1	04/10/21 00:07	04/13/21 22:13	99-09-2	
4-Nitroaniline	ND	ug/kg	2120	807	1	04/10/21 00:07	04/13/21 22:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	1060	492	1	04/10/21 00:07	04/13/21 22:13	98-95-3	
2-Nitrophenol	ND	ug/kg	1060	460	1	04/10/21 00:07	04/13/21 22:13	88-75-5	
4-Nitrophenol	ND	ug/kg	5310	2050	1	04/10/21 00:07	04/13/21 22:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	1060	357	1	04/10/21 00:07	04/13/21 22:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1060	376	1	04/10/21 00:07	04/13/21 22:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	1060	505	1	04/10/21 00:07	04/13/21 22:13	108-60-1	
Pentachlorophenol	ND	ug/kg	2120	1040	1	04/10/21 00:07	04/13/21 22:13	87-86-5	
Phenanthrene	ND	ug/kg	1060	347	1	04/10/21 00:07	04/13/21 22:13	85-01-8	
Phenol	ND	ug/kg	1060	473	1	04/10/21 00:07	04/13/21 22:13	108-95-2	
Pyrene	ND	ug/kg	1060	431	1	04/10/21 00:07	04/13/21 22:13	129-00-0	
Pyridine	ND	ug/kg	1060	335	1	04/10/21 00:07	04/13/21 22:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	1060	486	1	04/10/21 00:07	04/13/21 22:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1060	437	1	04/10/21 00:07	04/13/21 22:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	21-130		1	04/10/21 00:07	04/13/21 22:13	4165-60-0	
2-Fluorobiphenyl (S)	24	%	19-130		1	04/10/21 00:07	04/13/21 22:13	321-60-8	
Terphenyl-d14 (S)	16	%	15-130		1	04/10/21 00:07	04/13/21 22:13	1718-51-0	
Phenol-d6 (S)	64	%	18-130		1	04/10/21 00:07	04/13/21 22:13	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/10/21 00:07	04/13/21 22:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/10/21 00:07	04/13/21 22:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**880**	ug/kg	688	221	1	04/08/21 15:45	04/09/21 08:47	67-64-1	
Benzene	ND	ug/kg	34.4	13.7	1	04/08/21 15:45	04/09/21 08:47	71-43-2	
Bromobenzene	ND	ug/kg	34.4	11.2	1	04/08/21 15:45	04/09/21 08:47	108-86-1	
Bromochloromethane	ND	ug/kg	34.4	10.2	1	04/08/21 15:45	04/09/21 08:47	74-97-5	
Bromodichloromethane	ND	ug/kg	34.4	13.3	1	04/08/21 15:45	04/09/21 08:47	75-27-4	
Bromoform	ND	ug/kg	34.4	12.1	1	04/08/21 15:45	04/09/21 08:47	75-25-2	
Bromomethane	ND	ug/kg	68.8	54.3	1	04/08/21 15:45	04/09/21 08:47	74-83-9	
2-Butanone (MEK)	**365J**	ug/kg	688	165	1	04/08/21 15:45	04/09/21 08:47	78-93-3	
n-Butylbenzene	ND	ug/kg	34.4	16.2	1	04/08/21 15:45	04/09/21 08:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	34.4	15.1	1	04/08/21 15:45	04/09/21 08:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	34.4	12.9	1	04/08/21 15:45	04/09/21 08:47	56-23-5	
Chlorobenzene	ND	ug/kg	34.4	6.6	1	04/08/21 15:45	04/09/21 08:47	108-90-7	
Chloroethane	ND	ug/kg	68.8	26.5	1	04/08/21 15:45	04/09/21 08:47	75-00-3	
Chloroform	ND	ug/kg	34.4	20.9	1	04/08/21 15:45	04/09/21 08:47	67-66-3	
Chloromethane	ND	ug/kg	68.8	28.9	1	04/08/21 15:45	04/09/21 08:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	34.4	6.1	1	04/08/21 15:45	04/09/21 08:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	34.4	13.3	1	04/08/21 15:45	04/09/21 08:47	96-12-8	
Dibromochloromethane	ND	ug/kg	34.4	19.3	1	04/08/21 15:45	04/09/21 08:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	34.4	15.1	1	04/08/21 15:45	04/09/21 08:47	106-93-4	
Dibromomethane	ND	ug/kg	34.4	7.4	1	04/08/21 15:45	04/09/21 08:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	34.4	12.4	1	04/08/21 15:45	04/09/21 08:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	34.4	10.7	1	04/08/21 15:45	04/09/21 08:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	34.4	8.9	1	04/08/21 15:45	04/09/21 08:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	68.8	14.9	1	04/08/21 15:45	04/09/21 08:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	34.4	14.2	1	04/08/21 15:45	04/09/21 08:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	34.4	22.8	1	04/08/21 15:45	04/09/21 08:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	34.4	14.2	1	04/08/21 15:45	04/09/21 08:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	34.4	11.8	1	04/08/21 15:45	04/09/21 08:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	34.4	12.0	1	04/08/21 15:45	04/09/21 08:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	34.4	10.3	1	04/08/21 15:45	04/09/21 08:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	34.4	10.7	1	04/08/21 15:45	04/09/21 08:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	34.4	11.2	1	04/08/21 15:45	04/09/21 08:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	34.4	16.5	1	04/08/21 15:45	04/09/21 08:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	34.4	9.4	1	04/08/21 15:45	04/09/21 08:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	34.4	11.8	1	04/08/21 15:45	04/09/21 08:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	34.4	9.3	1	04/08/21 15:45	04/09/21 08:47	108-20-3	
Ethylbenzene	**27.2J**	ug/kg	34.4	16.0	1	04/08/21 15:45	04/09/21 08:47	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	68.8	56.2	1	04/08/21 15:45	04/09/21 08:47	87-68-3	
2-Hexanone	ND	ug/kg	344	33.1	1	04/08/21 15:45	04/09/21 08:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	34.4	11.7	1	04/08/21 15:45	04/09/21 08:47	98-82-8	
p-Isopropyltoluene	**17.3J**	ug/kg	34.4	16.9	1	04/08/21 15:45	04/09/21 08:47	99-87-6	
Methylene Chloride	ND	ug/kg	138	94.2	1	04/08/21 15:45	04/09/21 08:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	344	33.1	1	04/08/21 15:45	04/09/21 08:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	34.4	12.9	1	04/08/21 15:45	04/09/21 08:47	1634-04-4	
Naphthalene	**86.7**	ug/kg	34.4	18.1	1	04/08/21 15:45	04/09/21 08:47	91-20-3	
n-Propylbenzene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	103-65-1	
Styrene	ND	ug/kg	34.4	9.1	1	04/08/21 15:45	04/09/21 08:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	34.4	13.2	1	04/08/21 15:45	04/09/21 08:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	34.4	9.1	1	04/08/21 15:45	04/09/21 08:47	79-34-5	
Tetrachloroethene	ND	ug/kg	34.4	10.9	1	04/08/21 15:45	04/09/21 08:47	127-18-4	
Toluene	**50.5**	ug/kg	34.4	9.8	1	04/08/21 15:45	04/09/21 08:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	34.4	27.8	1	04/08/21 15:45	04/09/21 08:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	34.4	28.9	1	04/08/21 15:45	04/09/21 08:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	34.4	17.9	1	04/08/21 15:45	04/09/21 08:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	34.4	11.4	1	04/08/21 15:45	04/09/21 08:47	79-00-5	
Trichloroethene	ND	ug/kg	34.4	8.9	1	04/08/21 15:45	04/09/21 08:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	34.4	18.9	1	04/08/21 15:45	04/09/21 08:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	34.4	17.4	1	04/08/21 15:45	04/09/21 08:47	96-18-4	
1,2,4-Trimethylbenzene	**46.3**	ug/kg	34.4	9.4	1	04/08/21 15:45	04/09/21 08:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	34.4	11.6	1	04/08/21 15:45	04/09/21 08:47	108-67-8	
Vinyl acetate	ND	ug/kg	344	25.0	1	04/08/21 15:45	04/09/21 08:47	108-05-4	
Vinyl chloride	ND	ug/kg	68.8	17.5	1	04/08/21 15:45	04/09/21 08:47	75-01-4	
Xylene (Total)	**144**	ug/kg	68.8	19.6	1	04/08/21 15:45	04/09/21 08:47	1330-20-7	
m&p-Xylene	**91.4**	ug/kg	68.8	23.5	1	04/08/21 15:45	04/09/21 08:47	179601-23-1	
o-Xylene	**52.2**	ug/kg	34.4	15.2	1	04/08/21 15:45	04/09/21 08:47	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/08/21 15:45	04/09/21 08:47	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 08:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 08:47	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**69.2**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.5	18.1	1	04/14/21 08:20	04/14/21 11:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.5	19.1	1	04/14/21 08:20	04/14/21 11:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.5	17.3	1	04/14/21 08:20	04/14/21 11:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.5	9.3	1	04/14/21 08:20	04/14/21 11:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.5	12.4	1	04/14/21 08:20	04/14/21 11:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.5	9.3	1	04/14/21 08:20	04/14/21 11:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.5	11.8	1	04/14/21 08:20	04/14/21 11:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	115	%	10-160		1	04/14/21 08:20	04/14/21 11:21	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/kg	15.0	1.5	1	04/12/21 11:41	04/13/21 13:52	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	92	%	31-130		1	04/12/21 11:41	04/13/21 13:52	321-60-8	
Nitrobenzene-d5 (S)	86	%	32-130		1	04/12/21 11:41	04/13/21 13:52	4165-60-0	
Terphenyl-d14 (S)	79	%	24-130		1	04/12/21 11:41	04/13/21 13:52	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	83-32-9	
Acenaphthylene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	208-96-8	
Aniline	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	62-53-3	
Anthracene	ND	ug/kg	496	162	1	04/10/21 00:07	04/13/21 22:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	496	165	1	04/10/21 00:07	04/13/21 22:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	496	165	1	04/10/21 00:07	04/13/21 22:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	496	193	1	04/10/21 00:07	04/13/21 22:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	207-08-9	
Benzoic Acid	ND	ug/kg	2480	1070	1	04/10/21 00:07	04/13/21 22:43	65-85-0	
Benzyl alcohol	ND	ug/kg	993	376	1	04/10/21 00:07	04/13/21 22:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	496	209	1	04/10/21 00:07	04/13/21 22:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	993	349	1	04/10/21 00:07	04/13/21 22:43	59-50-7	
4-Chloroaniline	ND	ug/kg	993	390	1	04/10/21 00:07	04/13/21 22:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	496	206	1	04/10/21 00:07	04/13/21 22:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	496	197	1	04/10/21 00:07	04/13/21 22:43	91-58-7	
2-Chlorophenol	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	496	185	1	04/10/21 00:07	04/13/21 22:43	7005-72-3	
Chrysene	ND	ug/kg	496	180	1	04/10/21 00:07	04/13/21 22:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	53-70-3	
Dibenzofuran	ND	ug/kg	496	179	1	04/10/21 00:07	04/13/21 22:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	993	335	1	04/10/21 00:07	04/13/21 22:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	496	182	1	04/10/21 00:07	04/13/21 22:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	496	206	1	04/10/21 00:07	04/13/21 22:43	105-67-9	
Dimethylphthalate	ND	ug/kg	496	180	1	04/10/21 00:07	04/13/21 22:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	496	167	1	04/10/21 00:07	04/13/21 22:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	993	463	1	04/10/21 00:07	04/13/21 22:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2480	1530	1	04/10/21 00:07	04/13/21 22:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	496	182	1	04/10/21 00:07	04/13/21 22:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	496	196	1	04/10/21 00:07	04/13/21 22:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	496	193	1	04/10/21 00:07	04/13/21 22:43	117-81-7	
Fluoranthene	ND	ug/kg	496	170	1	04/10/21 00:07	04/13/21 22:43	206-44-0	
Fluorene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	496	284	1	04/10/21 00:07	04/13/21 22:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	496	190	1	04/10/21 00:07	04/13/21 22:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	496	196	1	04/10/21 00:07	04/13/21 22:43	193-39-5	
Isophorone	ND	ug/kg	496	221	1	04/10/21 00:07	04/13/21 22:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	496	199	1	04/10/21 00:07	04/13/21 22:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	496	203	1	04/10/21 00:07	04/13/21 22:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	496	200	1	04/10/21 00:07	04/13/21 22:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2480	406	1	04/10/21 00:07	04/13/21 22:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2480	390	1	04/10/21 00:07	04/13/21 22:43	99-09-2	
4-Nitroaniline	ND	ug/kg	993	377	1	04/10/21 00:07	04/13/21 22:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	496	230	1	04/10/21 00:07	04/13/21 22:43	98-95-3	
2-Nitrophenol	ND	ug/kg	496	215	1	04/10/21 00:07	04/13/21 22:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2480	960	1	04/10/21 00:07	04/13/21 22:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	496	167	1	04/10/21 00:07	04/13/21 22:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	496	176	1	04/10/21 00:07	04/13/21 22:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	496	236	1	04/10/21 00:07	04/13/21 22:43	108-60-1	
Pentachlorophenol	ND	ug/kg	993	486	1	04/10/21 00:07	04/13/21 22:43	87-86-5	
Phenanthrene	ND	ug/kg	496	162	1	04/10/21 00:07	04/13/21 22:43	85-01-8	
Phenol	ND	ug/kg	496	221	1	04/10/21 00:07	04/13/21 22:43	108-95-2	
Pyrene	ND	ug/kg	496	202	1	04/10/21 00:07	04/13/21 22:43	129-00-0	
Pyridine	ND	ug/kg	496	156	1	04/10/21 00:07	04/13/21 22:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	496	227	1	04/10/21 00:07	04/13/21 22:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	496	205	1	04/10/21 00:07	04/13/21 22:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/10/21 00:07	04/13/21 22:43	4165-60-0	
2-Fluorobiphenyl (S)	57	%	19-130		1	04/10/21 00:07	04/13/21 22:43	321-60-8	
Terphenyl-d14 (S)	48	%	15-130		1	04/10/21 00:07	04/13/21 22:43	1718-51-0	
Phenol-d6 (S)	60	%	18-130		1	04/10/21 00:07	04/13/21 22:43	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	04/10/21 00:07	04/13/21 22:43	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	67	%	18-130		1	04/10/21 00:07	04/13/21 22:43	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**61.2J**	ug/kg	182	58.4	1	04/08/21 15:45	04/09/21 09:05	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	04/08/21 15:45	04/09/21 09:05	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	04/08/21 15:45	04/09/21 09:05	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	75-25-2	
Bromomethane	ND	ug/kg	18.2	14.4	1	04/08/21 15:45	04/09/21 09:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	182	43.7	1	04/08/21 15:45	04/09/21 09:05	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	04/08/21 15:45	04/09/21 09:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	04/08/21 15:45	04/09/21 09:05	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.7	1	04/08/21 15:45	04/09/21 09:05	108-90-7	
Chloroethane	ND	ug/kg	18.2	7.0	1	04/08/21 15:45	04/09/21 09:05	75-00-3	
Chloroform	ND	ug/kg	9.1	5.5	1	04/08/21 15:45	04/09/21 09:05	67-66-3	
Chloromethane	ND	ug/kg	18.2	7.6	1	04/08/21 15:45	04/09/21 09:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	04/08/21 15:45	04/09/21 09:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	04/08/21 15:45	04/09/21 09:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	106-93-4	
Dibromomethane	ND	ug/kg	9.1	1.9	1	04/08/21 15:45	04/09/21 09:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	04/08/21 15:45	04/09/21 09:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	04/08/21 15:45	04/09/21 09:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.2	4.0	1	04/08/21 15:45	04/09/21 09:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.8	1	04/08/21 15:45	04/09/21 09:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	04/08/21 15:45	04/09/21 09:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.8	1	04/08/21 15:45	04/09/21 09:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	04/08/21 15:45	04/09/21 09:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	04/08/21 15:45	04/09/21 09:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	04/08/21 15:45	04/09/21 09:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.2	1	04/08/21 15:45	04/09/21 09:05	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	18.2	14.9	1	04/08/21 15:45	04/09/21 09:05	87-68-3	
2-Hexanone	ND	ug/kg	91.0	8.8	1	04/08/21 15:45	04/09/21 09:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	04/08/21 15:45	04/09/21 09:05	99-87-6	
Methylene Chloride	ND	ug/kg	36.4	24.9	1	04/08/21 15:45	04/09/21 09:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.0	8.8	1	04/08/21 15:45	04/09/21 09:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	04/08/21 15:45	04/09/21 09:05	1634-04-4	
Naphthalene	ND	ug/kg	9.1	4.8	1	04/08/21 15:45	04/09/21 09:05	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	04/08/21 15:45	04/09/21 09:05	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	04/08/21 15:45	04/09/21 09:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	04/08/21 15:45	04/09/21 09:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.6	1	04/08/21 15:45	04/09/21 09:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	04/08/21 15:45	04/09/21 09:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.3	1	04/08/21 15:45	04/09/21 09:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	04/08/21 15:45	04/09/21 09:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	04/08/21 15:45	04/09/21 09:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	108-67-8	
Vinyl acetate	ND	ug/kg	91.0	6.6	1	04/08/21 15:45	04/09/21 09:05	108-05-4	
Vinyl chloride	ND	ug/kg	18.2	4.6	1	04/08/21 15:45	04/09/21 09:05	75-01-4	
Xylene (Total)	ND	ug/kg	18.2	5.2	1	04/08/21 15:45	04/09/21 09:05	1330-20-7	
m&p-Xylene	ND	ug/kg	18.2	6.2	1	04/08/21 15:45	04/09/21 09:05	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/08/21 15:45	04/09/21 09:05	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 09:05	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 09:05	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**32.8**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	60.9	22.3	1	04/14/21 08:20	04/14/21 19:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	60.9	23.5	1	04/14/21 08:20	04/14/21 19:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	60.9	21.3	1	04/14/21 08:20	04/14/21 19:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	60.9	11.5	1	04/14/21 08:20	04/14/21 19:02	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	60.9	15.2	1	04/14/21 08:20	04/14/21 19:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	60.9	11.5	1	04/14/21 08:20	04/14/21 19:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	60.9	14.6	1	04/14/21 08:20	04/14/21 19:02	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	150	%	10-160		1	04/14/21 08:20	04/14/21 19:02	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**15.9J**	ug/kg	18.6	1.9	1	04/12/21 11:41	04/13/21 14:14	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	57	%	31-130		1	04/12/21 11:41	04/13/21 14:14	321-60-8	
Nitrobenzene-d5 (S)	68	%	32-130		1	04/12/21 11:41	04/13/21 14:14	4165-60-0	
Terphenyl-d14 (S)	46	%	24-130		1	04/12/21 11:41	04/13/21 14:14	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	83-32-9	
Acenaphthylene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	208-96-8	
Aniline	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	62-53-3	
Anthracene	ND	ug/kg	623	204	1	04/10/21 00:07	04/13/21 23:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	623	208	1	04/10/21 00:07	04/13/21 23:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	623	208	1	04/10/21 00:07	04/13/21 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	623	242	1	04/10/21 00:07	04/13/21 23:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	207-08-9	
Benzoic Acid	ND	ug/kg	3110	1340	1	04/10/21 00:07	04/13/21 23:13	65-85-0	
Benzyl alcohol	ND	ug/kg	1250	472	1	04/10/21 00:07	04/13/21 23:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	623	262	1	04/10/21 00:07	04/13/21 23:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1250	438	1	04/10/21 00:07	04/13/21 23:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1250	489	1	04/10/21 00:07	04/13/21 23:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	623	259	1	04/10/21 00:07	04/13/21 23:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	623	247	1	04/10/21 00:07	04/13/21 23:13	91-58-7	
2-Chlorophenol	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	623	232	1	04/10/21 00:07	04/13/21 23:13	7005-72-3	
Chrysene	ND	ug/kg	623	227	1	04/10/21 00:07	04/13/21 23:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	53-70-3	
Dibenzofuran	ND	ug/kg	623	225	1	04/10/21 00:07	04/13/21 23:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1250	421	1	04/10/21 00:07	04/13/21 23:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	623	228	1	04/10/21 00:07	04/13/21 23:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	623	259	1	04/10/21 00:07	04/13/21 23:13	105-67-9	
Dimethylphthalate	ND	ug/kg	623	227	1	04/10/21 00:07	04/13/21 23:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	623	210	1	04/10/21 00:07	04/13/21 23:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1250	581	1	04/10/21 00:07	04/13/21 23:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3110	1930	1	04/10/21 00:07	04/13/21 23:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	623	228	1	04/10/21 00:07	04/13/21 23:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	623	245	1	04/10/21 00:07	04/13/21 23:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	623	242	1	04/10/21 00:07	04/13/21 23:13	117-81-7	
Fluoranthene	ND	ug/kg	623	213	1	04/10/21 00:07	04/13/21 23:13	206-44-0	
Fluorene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	623	357	1	04/10/21 00:07	04/13/21 23:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	623	238	1	04/10/21 00:07	04/13/21 23:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	623	245	1	04/10/21 00:07	04/13/21 23:13	193-39-5	
Isophorone	ND	ug/kg	623	278	1	04/10/21 00:07	04/13/21 23:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	623	249	1	04/10/21 00:07	04/13/21 23:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	623	255	1	04/10/21 00:07	04/13/21 23:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	623	251	1	04/10/21 00:07	04/13/21 23:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	3110	510	1	04/10/21 00:07	04/13/21 23:13	88-74-4	
3-Nitroaniline	ND	ug/kg	3110	489	1	04/10/21 00:07	04/13/21 23:13	99-09-2	
4-Nitroaniline	ND	ug/kg	1250	474	1	04/10/21 00:07	04/13/21 23:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	623	289	1	04/10/21 00:07	04/13/21 23:13	98-95-3	
2-Nitrophenol	ND	ug/kg	623	270	1	04/10/21 00:07	04/13/21 23:13	88-75-5	
4-Nitrophenol	ND	ug/kg	3110	1200	1	04/10/21 00:07	04/13/21 23:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	623	210	1	04/10/21 00:07	04/13/21 23:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	623	221	1	04/10/21 00:07	04/13/21 23:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	623	296	1	04/10/21 00:07	04/13/21 23:13	108-60-1	
Pentachlorophenol	ND	ug/kg	1250	610	1	04/10/21 00:07	04/13/21 23:13	87-86-5	
Phenanthrene	ND	ug/kg	623	204	1	04/10/21 00:07	04/13/21 23:13	85-01-8	
Phenol	ND	ug/kg	623	278	1	04/10/21 00:07	04/13/21 23:13	108-95-2	
Pyrene	ND	ug/kg	623	253	1	04/10/21 00:07	04/13/21 23:13	129-00-0	
Pyridine	ND	ug/kg	623	196	1	04/10/21 00:07	04/13/21 23:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	623	285	1	04/10/21 00:07	04/13/21 23:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	623	257	1	04/10/21 00:07	04/13/21 23:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/10/21 00:07	04/13/21 23:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	04/10/21 00:07	04/13/21 23:13	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	04/10/21 00:07	04/13/21 23:13	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/10/21 00:07	04/13/21 23:13	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/10/21 00:07	04/13/21 23:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/10/21 00:07	04/13/21 23:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**225J**	ug/kg	267	85.7	1	04/08/21 15:45	04/09/21 09:24	67-64-1	
Benzene	ND	ug/kg	13.4	5.3	1	04/08/21 15:45	04/09/21 09:24	71-43-2	
Bromobenzene	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	108-86-1	
Bromochloromethane	ND	ug/kg	13.4	4.0	1	04/08/21 15:45	04/09/21 09:24	74-97-5	
Bromodichloromethane	ND	ug/kg	13.4	5.2	1	04/08/21 15:45	04/09/21 09:24	75-27-4	
Bromoform	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	75-25-2	
Bromomethane	ND	ug/kg	26.7	21.1	1	04/08/21 15:45	04/09/21 09:24	74-83-9	
2-Butanone (MEK)	**93.0J**	ug/kg	267	64.1	1	04/08/21 15:45	04/09/21 09:24	78-93-3	
n-Butylbenzene	ND	ug/kg	13.4	6.3	1	04/08/21 15:45	04/09/21 09:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.4	5.0	1	04/08/21 15:45	04/09/21 09:24	56-23-5	
Chlorobenzene	ND	ug/kg	13.4	2.6	1	04/08/21 15:45	04/09/21 09:24	108-90-7	
Chloroethane	ND	ug/kg	26.7	10.3	1	04/08/21 15:45	04/09/21 09:24	75-00-3	
Chloroform	ND	ug/kg	13.4	8.1	1	04/08/21 15:45	04/09/21 09:24	67-66-3	
Chloromethane	ND	ug/kg	26.7	11.2	1	04/08/21 15:45	04/09/21 09:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.4	2.4	1	04/08/21 15:45	04/09/21 09:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.4	5.2	1	04/08/21 15:45	04/09/21 09:24	96-12-8	
Dibromochloromethane	ND	ug/kg	13.4	7.5	1	04/08/21 15:45	04/09/21 09:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	106-93-4	
Dibromomethane	ND	ug/kg	13.4	2.9	1	04/08/21 15:45	04/09/21 09:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.4	4.1	1	04/08/21 15:45	04/09/21 09:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.7	5.8	1	04/08/21 15:45	04/09/21 09:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.4	5.5	1	04/08/21 15:45	04/09/21 09:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.4	8.8	1	04/08/21 15:45	04/09/21 09:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.4	5.5	1	04/08/21 15:45	04/09/21 09:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.4	4.6	1	04/08/21 15:45	04/09/21 09:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.4	4.0	1	04/08/21 15:45	04/09/21 09:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.4	4.2	1	04/08/21 15:45	04/09/21 09:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.4	6.4	1	04/08/21 15:45	04/09/21 09:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.4	3.6	1	04/08/21 15:45	04/09/21 09:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.4	4.6	1	04/08/21 15:45	04/09/21 09:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.4	3.6	1	04/08/21 15:45	04/09/21 09:24	108-20-3	
Ethylbenzene	**11.5J**	ug/kg	13.4	6.2	1	04/08/21 15:45	04/09/21 09:24	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	26.7	21.8	1	04/08/21 15:45	04/09/21 09:24	87-68-3	
2-Hexanone	ND	ug/kg	134	12.9	1	04/08/21 15:45	04/09/21 09:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.4	4.5	1	04/08/21 15:45	04/09/21 09:24	98-82-8	
p-Isopropyltoluene	**15.3**	ug/kg	13.4	6.6	1	04/08/21 15:45	04/09/21 09:24	99-87-6	
Methylene Chloride	ND	ug/kg	53.4	36.6	1	04/08/21 15:45	04/09/21 09:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	134	12.9	1	04/08/21 15:45	04/09/21 09:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.4	5.0	1	04/08/21 15:45	04/09/21 09:24	1634-04-4	
Naphthalene	**93.2**	ug/kg	13.4	7.0	1	04/08/21 15:45	04/09/21 09:24	91-20-3	
n-Propylbenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	103-65-1	
Styrene	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.4	5.1	1	04/08/21 15:45	04/09/21 09:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	79-34-5	
Tetrachloroethene	ND	ug/kg	13.4	4.2	1	04/08/21 15:45	04/09/21 09:24	127-18-4	
Toluene	**23.3**	ug/kg	13.4	3.8	1	04/08/21 15:45	04/09/21 09:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.4	10.8	1	04/08/21 15:45	04/09/21 09:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.4	11.2	1	04/08/21 15:45	04/09/21 09:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.4	6.9	1	04/08/21 15:45	04/09/21 09:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	79-00-5	
Trichloroethene	ND	ug/kg	13.4	3.4	1	04/08/21 15:45	04/09/21 09:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.4	7.3	1	04/08/21 15:45	04/09/21 09:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.4	6.8	1	04/08/21 15:45	04/09/21 09:24	96-18-4	
1,2,4-Trimethylbenzene	**25.2**	ug/kg	13.4	3.7	1	04/08/21 15:45	04/09/21 09:24	95-63-6	
1,3,5-Trimethylbenzene	**12.5J**	ug/kg	13.4	4.5	1	04/08/21 15:45	04/09/21 09:24	108-67-8	
Vinyl acetate	ND	ug/kg	134	9.7	1	04/08/21 15:45	04/09/21 09:24	108-05-4	
Vinyl chloride	ND	ug/kg	26.7	6.8	1	04/08/21 15:45	04/09/21 09:24	75-01-4	
Xylene (Total)	**70.1**	ug/kg	26.7	7.6	1	04/08/21 15:45	04/09/21 09:24	1330-20-7	
m&p-Xylene	**46.8**	ug/kg	26.7	9.1	1	04/08/21 15:45	04/09/21 09:24	179601-23-1	
o-Xylene	**23.2**	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 09:24	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 09:24	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 09:24	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**46.3**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.0	16.5	1	04/14/21 08:20	04/14/21 11:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.0	17.4	1	04/14/21 08:20	04/14/21 11:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.0	15.8	1	04/14/21 08:20	04/14/21 11:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.0	8.5	1	04/14/21 08:20	04/14/21 11:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.0	11.2	1	04/14/21 08:20	04/14/21 11:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.0	8.5	1	04/14/21 08:20	04/14/21 11:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.0	10.8	1	04/14/21 08:20	04/14/21 11:50	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	138	%	10-160		1	04/14/21 08:20	04/14/21 11:50	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**1.6J**	ug/kg	13.7	1.4	1	04/12/21 11:41	04/13/21 14:36	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	54	%	31-130		1	04/12/21 11:41	04/13/21 14:36	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/12/21 11:41	04/13/21 14:36	4165-60-0	
Terphenyl-d14 (S)	63	%	24-130		1	04/12/21 11:41	04/13/21 14:36	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	83-32-9	
Acenaphthylene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	208-96-8	
Aniline	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	62-53-3	
Anthracene	ND	ug/kg	451	148	1	04/10/21 00:07	04/13/21 23:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	451	150	1	04/10/21 00:07	04/13/21 23:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	451	150	1	04/10/21 00:07	04/13/21 23:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	451	175	1	04/10/21 00:07	04/13/21 23:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	207-08-9	
Benzoic Acid	ND	ug/kg	2260	970	1	04/10/21 00:07	04/13/21 23:43	65-85-0	
Benzyl alcohol	ND	ug/kg	903	342	1	04/10/21 00:07	04/13/21 23:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	451	190	1	04/10/21 00:07	04/13/21 23:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	903	317	1	04/10/21 00:07	04/13/21 23:43	59-50-7	
4-Chloroaniline	ND	ug/kg	903	354	1	04/10/21 00:07	04/13/21 23:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	451	187	1	04/10/21 00:07	04/13/21 23:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	451	179	1	04/10/21 00:07	04/13/21 23:43	91-58-7	
2-Chlorophenol	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	451	168	1	04/10/21 00:07	04/13/21 23:43	7005-72-3	
Chrysene	ND	ug/kg	451	164	1	04/10/21 00:07	04/13/21 23:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	53-70-3	
Dibenzofuran	ND	ug/kg	451	163	1	04/10/21 00:07	04/13/21 23:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	903	305	1	04/10/21 00:07	04/13/21 23:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	451	165	1	04/10/21 00:07	04/13/21 23:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	451	187	1	04/10/21 00:07	04/13/21 23:43	105-67-9	
Dimethylphthalate	ND	ug/kg	451	164	1	04/10/21 00:07	04/13/21 23:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	451	152	1	04/10/21 00:07	04/13/21 23:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	903	421	1	04/10/21 00:07	04/13/21 23:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2260	1390	1	04/10/21 00:07	04/13/21 23:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	451	165	1	04/10/21 00:07	04/13/21 23:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	451	178	1	04/10/21 00:07	04/13/21 23:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	451	175	1	04/10/21 00:07	04/13/21 23:43	117-81-7	
Fluoranthene	ND	ug/kg	451	155	1	04/10/21 00:07	04/13/21 23:43	206-44-0	
Fluorene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	451	258	1	04/10/21 00:07	04/13/21 23:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	451	172	1	04/10/21 00:07	04/13/21 23:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	451	178	1	04/10/21 00:07	04/13/21 23:43	193-39-5	
Isophorone	ND	ug/kg	451	201	1	04/10/21 00:07	04/13/21 23:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	451	181	1	04/10/21 00:07	04/13/21 23:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	451	185	1	04/10/21 00:07	04/13/21 23:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	451	182	1	04/10/21 00:07	04/13/21 23:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2260	369	1	04/10/21 00:07	04/13/21 23:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2260	354	1	04/10/21 00:07	04/13/21 23:43	99-09-2	
4-Nitroaniline	ND	ug/kg	903	343	1	04/10/21 00:07	04/13/21 23:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	451	209	1	04/10/21 00:07	04/13/21 23:43	98-95-3	
2-Nitrophenol	ND	ug/kg	451	196	1	04/10/21 00:07	04/13/21 23:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2260	872	1	04/10/21 00:07	04/13/21 23:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	451	152	1	04/10/21 00:07	04/13/21 23:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	451	160	1	04/10/21 00:07	04/13/21 23:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	451	215	1	04/10/21 00:07	04/13/21 23:43	108-60-1	
Pentachlorophenol	ND	ug/kg	903	442	1	04/10/21 00:07	04/13/21 23:43	87-86-5	
Phenanthrene	ND	ug/kg	451	148	1	04/10/21 00:07	04/13/21 23:43	85-01-8	
Phenol	ND	ug/kg	451	201	1	04/10/21 00:07	04/13/21 23:43	108-95-2	
Pyrene	ND	ug/kg	451	183	1	04/10/21 00:07	04/13/21 23:43	129-00-0	
Pyridine	ND	ug/kg	451	142	1	04/10/21 00:07	04/13/21 23:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	451	206	1	04/10/21 00:07	04/13/21 23:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	451	186	1	04/10/21 00:07	04/13/21 23:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/10/21 00:07	04/13/21 23:43	4165-60-0	
2-Fluorobiphenyl (S)	70	%	19-130		1	04/10/21 00:07	04/13/21 23:43	321-60-8	
Terphenyl-d14 (S)	65	%	15-130		1	04/10/21 00:07	04/13/21 23:43	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/10/21 00:07	04/13/21 23:43	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/10/21 00:07	04/13/21 23:43	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	88	%	18-130		1	04/10/21 00:07	04/13/21 23:43	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	144	46.3	1	04/08/21 15:45	04/09/21 09:42	67-64-1	
Benzene	ND	ug/kg	7.2	2.9	1	04/08/21 15:45	04/09/21 09:42	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	04/08/21 15:45	04/09/21 09:42	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	04/08/21 15:45	04/09/21 09:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	04/08/21 15:45	04/09/21 09:42	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	04/08/21 15:45	04/09/21 09:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	04/08/21 15:45	04/09/21 09:42	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	04/08/21 15:45	04/09/21 09:42	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	04/08/21 15:45	04/09/21 09:42	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	04/08/21 15:45	04/09/21 09:42	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.1	1	04/08/21 15:45	04/09/21 09:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	04/08/21 15:45	04/09/21 09:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	04/08/21 15:45	04/09/21 09:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	04/08/21 15:45	04/09/21 09:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	04/08/21 15:45	04/09/21 09:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	04/08/21 15:45	04/09/21 09:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	04/08/21 15:45	04/09/21 09:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	04/08/21 15:45	04/09/21 09:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	04/08/21 15:45	04/09/21 09:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	108-20-3	
Ethylbenzene	ND	ug/kg	7.2	3.4	1	04/08/21 15:45	04/09/21 09:42	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	04/08/21 15:45	04/09/21 09:42	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	04/08/21 15:45	04/09/21 09:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.5	1	04/08/21 15:45	04/09/21 09:42	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	04/08/21 15:45	04/09/21 09:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	04/08/21 15:45	04/09/21 09:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	04/08/21 15:45	04/09/21 09:42	1634-04-4	
Naphthalene	ND	ug/kg	7.2	3.8	1	04/08/21 15:45	04/09/21 09:42	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	127-18-4	
Toluene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	04/08/21 15:45	04/09/21 09:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.1	1	04/08/21 15:45	04/09/21 09:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	04/08/21 15:45	04/09/21 09:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	04/08/21 15:45	04/09/21 09:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	04/08/21 15:45	04/09/21 09:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	04/08/21 15:45	04/09/21 09:42	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	04/08/21 15:45	04/09/21 09:42	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	4.1	1	04/08/21 15:45	04/09/21 09:42	1330-20-7	
m&p-Xylene	ND	ug/kg	14.4	4.9	1	04/08/21 15:45	04/09/21 09:42	179601-23-1	
o-Xylene	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 09:42	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/08/21 15:45	04/09/21 09:42	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 09:42	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**26.9**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	899	329	10	04/10/21 21:37	04/13/21 10:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	899	347	10	04/10/21 21:37	04/13/21 10:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	899	315	10	04/10/21 21:37	04/13/21 10:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	899	169	10	04/10/21 21:37	04/13/21 10:43	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	899	225	10	04/10/21 21:37	04/13/21 10:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	899	169	10	04/10/21 21:37	04/13/21 10:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	899	215	10	04/10/21 21:37	04/13/21 10:43	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:43	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**4270**	ug/kg	134	13.8	5	04/12/21 11:41	04/14/21 15:21	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	66	%	31-130		1	04/12/21 11:41	04/13/21 14:58	321-60-8	
Nitrobenzene-d5 (S)	79	%	32-130		1	04/12/21 11:41	04/13/21 14:58	4165-60-0	
Terphenyl-d14 (S)	49	%	24-130		1	04/12/21 11:41	04/13/21 14:58	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	83-32-9	
Acenaphthylene	**1980**	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	208-96-8	
Aniline	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	62-53-3	
Anthracene	**1990**	ug/kg	918	300	1	04/10/21 00:07	04/14/21 01:43	120-12-7	
Benzo(a)anthracene	**7950**	ug/kg	918	306	1	04/10/21 00:07	04/14/21 01:43	56-55-3	
Benzo(b)fluoranthene	**7430**	ug/kg	918	306	1	04/10/21 00:07	04/14/21 01:43	205-99-2	
Benzo(g,h,i)perylene	**3090**	ug/kg	918	356	1	04/10/21 00:07	04/14/21 01:43	191-24-2	
Benzo(k)fluoranthene	**2940**	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	207-08-9	
Benzoic Acid	ND	ug/kg	4590	1970	1	04/10/21 00:07	04/14/21 01:43	65-85-0	
Benzyl alcohol	ND	ug/kg	1840	695	1	04/10/21 00:07	04/14/21 01:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	918	386	1	04/10/21 00:07	04/14/21 01:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1840	645	1	04/10/21 00:07	04/14/21 01:43	59-50-7	
4-Chloroaniline	ND	ug/kg	1840	720	1	04/10/21 00:07	04/14/21 01:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	918	381	1	04/10/21 00:07	04/14/21 01:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	918	364	1	04/10/21 00:07	04/14/21 01:43	91-58-7	
2-Chlorophenol	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	918	342	1	04/10/21 00:07	04/14/21 01:43	7005-72-3	
Chrysene	**6050**	ug/kg	918	334	1	04/10/21 00:07	04/14/21 01:43	218-01-9	
Dibenz(a,h)anthracene	**802J**	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	53-70-3	
Dibenzofuran	ND	ug/kg	918	331	1	04/10/21 00:07	04/14/21 01:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1840	620	1	04/10/21 00:07	04/14/21 01:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	918	336	1	04/10/21 00:07	04/14/21 01:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	918	381	1	04/10/21 00:07	04/14/21 01:43	105-67-9	
Dimethylphthalate	ND	ug/kg	918	334	1	04/10/21 00:07	04/14/21 01:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	918	309	1	04/10/21 00:07	04/14/21 01:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1840	856	1	04/10/21 00:07	04/14/21 01:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4590	2840	1	04/10/21 00:07	04/14/21 01:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	918	336	1	04/10/21 00:07	04/14/21 01:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	918	361	1	04/10/21 00:07	04/14/21 01:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	918	356	1	04/10/21 00:07	04/14/21 01:43	117-81-7	
Fluoranthene	**15300**	ug/kg	4590	1570	5	04/10/21 00:07	04/14/21 09:58	206-44-0	
Fluorene	**337J**	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	918	525	1	04/10/21 00:07	04/14/21 01:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	918	350	1	04/10/21 00:07	04/14/21 01:43	67-72-1	
Indeno(1,2,3-cd)pyrene	**3020**	ug/kg	918	361	1	04/10/21 00:07	04/14/21 01:43	193-39-5	
Isophorone	ND	ug/kg	918	409	1	04/10/21 00:07	04/14/21 01:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	918	367	1	04/10/21 00:07	04/14/21 01:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	918	375	1	04/10/21 00:07	04/14/21 01:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	918	370	1	04/10/21 00:07	04/14/21 01:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	4590	751	1	04/10/21 00:07	04/14/21 01:43	88-74-4	
3-Nitroaniline	ND	ug/kg	4590	720	1	04/10/21 00:07	04/14/21 01:43	99-09-2	
4-Nitroaniline	ND	ug/kg	1840	698	1	04/10/21 00:07	04/14/21 01:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	918	425	1	04/10/21 00:07	04/14/21 01:43	98-95-3	
2-Nitrophenol	ND	ug/kg	918	398	1	04/10/21 00:07	04/14/21 01:43	88-75-5	
4-Nitrophenol	ND	ug/kg	4590	1770	1	04/10/21 00:07	04/14/21 01:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	918	309	1	04/10/21 00:07	04/14/21 01:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	918	325	1	04/10/21 00:07	04/14/21 01:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	918	437	1	04/10/21 00:07	04/14/21 01:43	108-60-1	
Pentachlorophenol	ND	ug/kg	1840	898	1	04/10/21 00:07	04/14/21 01:43	87-86-5	
Phenanthrene	**3250**	ug/kg	918	300	1	04/10/21 00:07	04/14/21 01:43	85-01-8	
Phenol	ND	ug/kg	918	409	1	04/10/21 00:07	04/14/21 01:43	108-95-2	
Pyrene	**14200**	ug/kg	4590	1860	5	04/10/21 00:07	04/14/21 09:58	129-00-0	
Pyridine	ND	ug/kg	918	289	1	04/10/21 00:07	04/14/21 01:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	918	420	1	04/10/21 00:07	04/14/21 01:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	918	378	1	04/10/21 00:07	04/14/21 01:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	21-130		1	04/10/21 00:07	04/14/21 01:43	4165-60-0	
2-Fluorobiphenyl (S)	65	%	19-130		1	04/10/21 00:07	04/14/21 01:43	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	04/10/21 00:07	04/14/21 01:43	1718-51-0	
Phenol-d6 (S)	74	%	18-130		1	04/10/21 00:07	04/14/21 01:43	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	04/10/21 00:07	04/14/21 01:43	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	87	%	18-130		1	04/10/21 00:07	04/14/21 01:43	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**249J**	ug/kg	509	163	1	04/08/21 15:45	04/09/21 10:00	67-64-1	
Benzene	ND	ug/kg	25.5	10.1	1	04/08/21 15:45	04/09/21 10:00	71-43-2	
Bromobenzene	ND	ug/kg	25.5	8.3	1	04/08/21 15:45	04/09/21 10:00	108-86-1	
Bromochloromethane	ND	ug/kg	25.5	7.5	1	04/08/21 15:45	04/09/21 10:00	74-97-5	
Bromodichloromethane	ND	ug/kg	25.5	9.8	1	04/08/21 15:45	04/09/21 10:00	75-27-4	
Bromoform	ND	ug/kg	25.5	9.0	1	04/08/21 15:45	04/09/21 10:00	75-25-2	
Bromomethane	ND	ug/kg	50.9	40.2	1	04/08/21 15:45	04/09/21 10:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	509	122	1	04/08/21 15:45	04/09/21 10:00	78-93-3	
n-Butylbenzene	ND	ug/kg	25.5	12.0	1	04/08/21 15:45	04/09/21 10:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	25.5	11.2	1	04/08/21 15:45	04/09/21 10:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.5	9.1	1	04/08/21 15:45	04/09/21 10:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	25.5	9.5	1	04/08/21 15:45	04/09/21 10:00	56-23-5	
Chlorobenzene	ND	ug/kg	25.5	4.9	1	04/08/21 15:45	04/09/21 10:00	108-90-7	
Chloroethane	ND	ug/kg	50.9	19.7	1	04/08/21 15:45	04/09/21 10:00	75-00-3	
Chloroform	ND	ug/kg	25.5	15.5	1	04/08/21 15:45	04/09/21 10:00	67-66-3	
Chloromethane	ND	ug/kg	50.9	21.4	1	04/08/21 15:45	04/09/21 10:00	74-87-3	
2-Chlorotoluene	ND	ug/kg	25.5	9.0	1	04/08/21 15:45	04/09/21 10:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	25.5	4.5	1	04/08/21 15:45	04/09/21 10:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.5	9.9	1	04/08/21 15:45	04/09/21 10:00	96-12-8	
Dibromochloromethane	ND	ug/kg	25.5	14.3	1	04/08/21 15:45	04/09/21 10:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	25.5	11.2	1	04/08/21 15:45	04/09/21 10:00	106-93-4	
Dibromomethane	ND	ug/kg	25.5	5.4	1	04/08/21 15:45	04/09/21 10:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	25.5	9.2	1	04/08/21 15:45	04/09/21 10:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	25.5	7.9	1	04/08/21 15:45	04/09/21 10:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	25.5	6.6	1	04/08/21 15:45	04/09/21 10:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	50.9	11.1	1	04/08/21 15:45	04/09/21 10:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	25.5	10.5	1	04/08/21 15:45	04/09/21 10:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	25.5	16.9	1	04/08/21 15:45	04/09/21 10:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	25.5	10.5	1	04/08/21 15:45	04/09/21 10:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	25.5	8.7	1	04/08/21 15:45	04/09/21 10:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	25.5	8.9	1	04/08/21 15:45	04/09/21 10:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	25.5	7.6	1	04/08/21 15:45	04/09/21 10:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	25.5	7.9	1	04/08/21 15:45	04/09/21 10:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	25.5	8.3	1	04/08/21 15:45	04/09/21 10:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	25.5	12.2	1	04/08/21 15:45	04/09/21 10:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	25.5	6.9	1	04/08/21 15:45	04/09/21 10:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	25.5	8.8	1	04/08/21 15:45	04/09/21 10:00	10061-02-6	
Diisopropyl ether	ND	ug/kg	25.5	6.9	1	04/08/21 15:45	04/09/21 10:00	108-20-3	
Ethylbenzene	ND	ug/kg	25.5	11.9	1	04/08/21 15:45	04/09/21 10:00	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	50.9	41.7	1	04/08/21 15:45	04/09/21 10:00	87-68-3	
2-Hexanone	ND	ug/kg	255	24.5	1	04/08/21 15:45	04/09/21 10:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	25.5	8.7	1	04/08/21 15:45	04/09/21 10:00	98-82-8	
p-Isopropyltoluene	ND	ug/kg	25.5	12.5	1	04/08/21 15:45	04/09/21 10:00	99-87-6	
Methylene Chloride	ND	ug/kg	102	69.8	1	04/08/21 15:45	04/09/21 10:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	255	24.5	1	04/08/21 15:45	04/09/21 10:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	25.5	9.5	1	04/08/21 15:45	04/09/21 10:00	1634-04-4	
Naphthalene	**122**	ug/kg	25.5	13.4	1	04/08/21 15:45	04/09/21 10:00	91-20-3	
n-Propylbenzene	ND	ug/kg	25.5	9.1	1	04/08/21 15:45	04/09/21 10:00	103-65-1	
Styrene	ND	ug/kg	25.5	6.7	1	04/08/21 15:45	04/09/21 10:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.5	9.8	1	04/08/21 15:45	04/09/21 10:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	25.5	6.7	1	04/08/21 15:45	04/09/21 10:00	79-34-5	
Tetrachloroethene	ND	ug/kg	25.5	8.0	1	04/08/21 15:45	04/09/21 10:00	127-18-4	
Toluene	**16.3J**	ug/kg	25.5	7.2	1	04/08/21 15:45	04/09/21 10:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	25.5	20.6	1	04/08/21 15:45	04/09/21 10:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	25.5	21.4	1	04/08/21 15:45	04/09/21 10:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	25.5	13.2	1	04/08/21 15:45	04/09/21 10:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	25.5	8.5	1	04/08/21 15:45	04/09/21 10:00	79-00-5	
Trichloroethene	ND	ug/kg	25.5	6.6	1	04/08/21 15:45	04/09/21 10:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	25.5	14.0	1	04/08/21 15:45	04/09/21 10:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	25.5	12.9	1	04/08/21 15:45	04/09/21 10:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	25.5	7.0	1	04/08/21 15:45	04/09/21 10:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	25.5	8.6	1	04/08/21 15:45	04/09/21 10:00	108-67-8	
Vinyl acetate	ND	ug/kg	255	18.5	1	04/08/21 15:45	04/09/21 10:00	108-05-4	
Vinyl chloride	ND	ug/kg	50.9	12.9	1	04/08/21 15:45	04/09/21 10:00	75-01-4	
Xylene (Total)	**21.7J**	ug/kg	50.9	14.5	1	04/08/21 15:45	04/09/21 10:00	1330-20-7	
m&p-Xylene	**21.7J**	ug/kg	50.9	17.4	1	04/08/21 15:45	04/09/21 10:00	179601-23-1	
o-Xylene	ND	ug/kg	25.5	11.3	1	04/08/21 15:45	04/09/21 10:00	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/08/21 15:45	04/09/21 10:00	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 10:00	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 10:00	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**63.4**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	534	196	10	04/10/21 21:37	04/13/21 10:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	534	206	10	04/10/21 21:37	04/13/21 10:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	534	187	10	04/10/21 21:37	04/13/21 10:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	534	133	10	04/10/21 21:37	04/13/21 10:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:50	11097-69-1	
PCB-1260 (Aroclor 1260)	**1840**	ug/kg	534	128	10	04/10/21 21:37	04/13/21 10:50	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:50	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**3410**	ug/kg	65.0	6.7	4	04/12/21 11:41	04/14/21 15:43	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		2	04/12/21 11:41	04/13/21 15:20	321-60-8	
Nitrobenzene-d5 (S)	74	%	32-130		2	04/12/21 11:41	04/13/21 15:20	4165-60-0	
Terphenyl-d14 (S)	44	%	24-130		2	04/12/21 11:41	04/13/21 15:20	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	83-32-9	
Acenaphthylene	**1590J**	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	208-96-8	
Aniline	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	62-53-3	
Anthracene	**1540J**	ug/kg	2690	880	5	04/10/21 00:07	04/14/21 02:13	120-12-7	
Benzo(a)anthracene	**4430**	ug/kg	2690	896	5	04/10/21 00:07	04/14/21 02:13	56-55-3	
Benzo(b)fluoranthene	**4840**	ug/kg	2690	896	5	04/10/21 00:07	04/14/21 02:13	205-99-2	
Benzo(g,h,i)perylene	**2000J**	ug/kg	2690	1040	5	04/10/21 00:07	04/14/21 02:13	191-24-2	
Benzo(k)fluoranthene	**2210J**	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	207-08-9	
Benzoic Acid	ND	ug/kg	13400	5780	5	04/10/21 00:07	04/14/21 02:13	65-85-0	
Benzyl alcohol	ND	ug/kg	5380	2040	5	04/10/21 00:07	04/14/21 02:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2690	1130	5	04/10/21 00:07	04/14/21 02:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	5380	1890	5	04/10/21 00:07	04/14/21 02:13	59-50-7	
4-Chloroaniline	ND	ug/kg	5380	2110	5	04/10/21 00:07	04/14/21 02:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2690	1120	5	04/10/21 00:07	04/14/21 02:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2690	1070	5	04/10/21 00:07	04/14/21 02:13	91-58-7	
2-Chlorophenol	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2690	1000	5	04/10/21 00:07	04/14/21 02:13	7005-72-3	
Chrysene	**3440**	ug/kg	2690	978	5	04/10/21 00:07	04/14/21 02:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	53-70-3	
Dibenzofuran	ND	ug/kg	2690	970	5	04/10/21 00:07	04/14/21 02:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5380	1820	5	04/10/21 00:07	04/14/21 02:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	2690	986	5	04/10/21 00:07	04/14/21 02:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2690	1120	5	04/10/21 00:07	04/14/21 02:13	105-67-9	
Dimethylphthalate	ND	ug/kg	2690	978	5	04/10/21 00:07	04/14/21 02:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2690	905	5	04/10/21 00:07	04/14/21 02:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5380	2510	5	04/10/21 00:07	04/14/21 02:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	13400	8310	5	04/10/21 00:07	04/14/21 02:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	2690	986	5	04/10/21 00:07	04/14/21 02:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2690	1060	5	04/10/21 00:07	04/14/21 02:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2690	1040	5	04/10/21 00:07	04/14/21 02:13	117-81-7	
Fluoranthene	**9720**	ug/kg	2690	921	5	04/10/21 00:07	04/14/21 02:13	206-44-0	
Fluorene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2690	1540	5	04/10/21 00:07	04/14/21 02:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	67-72-1	
Indeno(1,2,3-cd)pyrene	**1850J**	ug/kg	2690	1060	5	04/10/21 00:07	04/14/21 02:13	193-39-5	
Isophorone	ND	ug/kg	2690	1200	5	04/10/21 00:07	04/14/21 02:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2690	1080	5	04/10/21 00:07	04/14/21 02:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2690	1100	5	04/10/21 00:07	04/14/21 02:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2690	1080	5	04/10/21 00:07	04/14/21 02:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	13400	2200	5	04/10/21 00:07	04/14/21 02:13	88-74-4	
3-Nitroaniline	ND	ug/kg	13400	2110	5	04/10/21 00:07	04/14/21 02:13	99-09-2	
4-Nitroaniline	ND	ug/kg	5380	2050	5	04/10/21 00:07	04/14/21 02:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	2690	1250	5	04/10/21 00:07	04/14/21 02:13	98-95-3	
2-Nitrophenol	ND	ug/kg	2690	1170	5	04/10/21 00:07	04/14/21 02:13	88-75-5	
4-Nitrophenol	ND	ug/kg	13400	5200	5	04/10/21 00:07	04/14/21 02:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2690	905	5	04/10/21 00:07	04/14/21 02:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2690	953	5	04/10/21 00:07	04/14/21 02:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2690	1280	5	04/10/21 00:07	04/14/21 02:13	108-60-1	
Pentachlorophenol	ND	ug/kg	5380	2630	5	04/10/21 00:07	04/14/21 02:13	87-86-5	
Phenanthrene	**3000**	ug/kg	2690	880	5	04/10/21 00:07	04/14/21 02:13	85-01-8	
Phenol	ND	ug/kg	2690	1200	5	04/10/21 00:07	04/14/21 02:13	108-95-2	
Pyrene	**7170**	ug/kg	2690	1090	5	04/10/21 00:07	04/14/21 02:13	129-00-0	
Pyridine	ND	ug/kg	2690	847	5	04/10/21 00:07	04/14/21 02:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2690	1230	5	04/10/21 00:07	04/14/21 02:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2690	1110	5	04/10/21 00:07	04/14/21 02:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		5	04/10/21 00:07	04/14/21 02:13	4165-60-0	D3
2-Fluorobiphenyl (S)	64	%	19-130		5	04/10/21 00:07	04/14/21 02:13	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		5	04/10/21 00:07	04/14/21 02:13	1718-51-0	
Phenol-d6 (S)	70	%	18-130		5	04/10/21 00:07	04/14/21 02:13	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		5	04/10/21 00:07	04/14/21 02:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	81	%	18-130		5	04/10/21 00:07	04/14/21 02:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	**333**	ug/kg	258	82.7	1	04/09/21 14:45	04/09/21 22:09	67-64-1	
Benzene	**75.3**	ug/kg	12.9	5.1	1	04/09/21 14:45	04/09/21 22:09	71-43-2	
Bromobenzene	ND	ug/kg	12.9	4.2	1	04/09/21 14:45	04/09/21 22:09	108-86-1	
Bromochloromethane	ND	ug/kg	12.9	3.8	1	04/09/21 14:45	04/09/21 22:09	74-97-5	
Bromodichloromethane	ND	ug/kg	12.9	5.0	1	04/09/21 14:45	04/09/21 22:09	75-27-4	
Bromoform	ND	ug/kg	12.9	4.5	1	04/09/21 14:45	04/09/21 22:09	75-25-2	
Bromomethane	ND	ug/kg	25.8	20.4	1	04/09/21 14:45	04/09/21 22:09	74-83-9	
2-Butanone (MEK)	**119J**	ug/kg	258	61.9	1	04/09/21 14:45	04/09/21 22:09	78-93-3	
n-Butylbenzene	ND	ug/kg	12.9	6.1	1	04/09/21 14:45	04/09/21 22:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.9	4.8	1	04/09/21 14:45	04/09/21 22:09	56-23-5	
Chlorobenzene	ND	ug/kg	12.9	2.5	1	04/09/21 14:45	04/09/21 22:09	108-90-7	
Chloroethane	ND	ug/kg	25.8	9.9	1	04/09/21 14:45	04/09/21 22:09	75-00-3	
Chloroform	ND	ug/kg	12.9	7.8	1	04/09/21 14:45	04/09/21 22:09	67-66-3	
Chloromethane	ND	ug/kg	25.8	10.8	1	04/09/21 14:45	04/09/21 22:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.9	2.3	1	04/09/21 14:45	04/09/21 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.9	5.0	1	04/09/21 14:45	04/09/21 22:09	96-12-8	
Dibromochloromethane	ND	ug/kg	12.9	7.2	1	04/09/21 14:45	04/09/21 22:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	106-93-4	
Dibromomethane	ND	ug/kg	12.9	2.8	1	04/09/21 14:45	04/09/21 22:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.9	4.0	1	04/09/21 14:45	04/09/21 22:09	541-73-1	
1,4-Dichlorobenzene	**48.3**	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.8	5.6	1	04/09/21 14:45	04/09/21 22:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.9	5.3	1	04/09/21 14:45	04/09/21 22:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.9	8.5	1	04/09/21 14:45	04/09/21 22:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.9	5.3	1	04/09/21 14:45	04/09/21 22:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.9	4.5	1	04/09/21 14:45	04/09/21 22:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.9	3.9	1	04/09/21 14:45	04/09/21 22:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.9	4.0	1	04/09/21 14:45	04/09/21 22:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.9	4.2	1	04/09/21 14:45	04/09/21 22:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.9	6.2	1	04/09/21 14:45	04/09/21 22:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	108-20-3	
Ethylbenzene	**35.0**	ug/kg	12.9	6.0	1	04/09/21 14:45	04/09/21 22:09	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) **Lab ID: 92531952012** Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	25.8	21.1	1	04/09/21 14:45	04/09/21 22:09	87-68-3	
2-Hexanone	ND	ug/kg	129	12.4	1	04/09/21 14:45	04/09/21 22:09	591-78-6	
Isopropylbenzene (Cumene)	**6.8J**	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.9	6.3	1	04/09/21 14:45	04/09/21 22:09	99-87-6	
Methylene Chloride	ND	ug/kg	51.6	35.3	1	04/09/21 14:45	04/09/21 22:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	129	12.4	1	04/09/21 14:45	04/09/21 22:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.9	4.8	1	04/09/21 14:45	04/09/21 22:09	1634-04-4	
Naphthalene	**1300**	ug/kg	12.9	6.8	1	04/09/21 14:45	04/09/21 22:09	91-20-3	
n-Propylbenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	103-65-1	
Styrene	ND	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.9	4.9	1	04/09/21 14:45	04/09/21 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	79-34-5	
Tetrachloroethene	ND	ug/kg	12.9	4.1	1	04/09/21 14:45	04/09/21 22:09	127-18-4	
Toluene	**54.6**	ug/kg	12.9	3.7	1	04/09/21 14:45	04/09/21 22:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.9	10.4	1	04/09/21 14:45	04/09/21 22:09	87-61-6	
1,2,4-Trichlorobenzene	**23.1**	ug/kg	12.9	10.8	1	04/09/21 14:45	04/09/21 22:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.9	6.7	1	04/09/21 14:45	04/09/21 22:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.9	4.3	1	04/09/21 14:45	04/09/21 22:09	79-00-5	
Trichloroethene	ND	ug/kg	12.9	3.3	1	04/09/21 14:45	04/09/21 22:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.9	7.1	1	04/09/21 14:45	04/09/21 22:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.9	6.5	1	04/09/21 14:45	04/09/21 22:09	96-18-4	
1,2,4-Trimethylbenzene	**26.5**	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	95-63-6	
1,3,5-Trimethylbenzene	**11.8J**	ug/kg	12.9	4.3	1	04/09/21 14:45	04/09/21 22:09	108-67-8	
Vinyl acetate	ND	ug/kg	129	9.4	1	04/09/21 14:45	04/09/21 22:09	108-05-4	
Vinyl chloride	ND	ug/kg	25.8	6.5	1	04/09/21 14:45	04/09/21 22:09	75-01-4	
Xylene (Total)	**97.4**	ug/kg	25.8	7.3	1	04/09/21 14:45	04/09/21 22:09	1330-20-7	
m&p-Xylene	**72.9**	ug/kg	25.8	8.8	1	04/09/21 14:45	04/09/21 22:09	179601-23-1	
o-Xylene	**24.5**	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/09/21 14:45	04/09/21 22:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/09/21 14:45	04/09/21 22:09	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/09/21 14:45	04/09/21 22:09	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**39.0**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.8	16.8	1	04/14/21 08:20	04/14/21 18:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.8	17.7	1	04/14/21 08:20	04/14/21 18:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.8	16.0	1	04/14/21 08:20	04/14/21 18:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.8	8.6	1	04/14/21 08:20	04/14/21 18:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.8	11.4	1	04/14/21 08:20	04/14/21 18:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.8	8.6	1	04/14/21 08:20	04/14/21 18:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.8	11.0	1	04/14/21 08:20	04/14/21 18:48	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	121	%	10-160		1	04/14/21 08:20	04/14/21 18:48	2051-24-3	
8270E MSSV MW PAH by SIM	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**3850**	ug/kg	69.4	7.1	5	04/13/21 14:08	04/15/21 08:04	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		1	04/13/21 14:08	04/14/21 13:53	321-60-8	
Nitrobenzene-d5 (S)	75	%	32-130		1	04/13/21 14:08	04/14/21 13:53	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/13/21 14:08	04/14/21 13:53	1718-51-0	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	**246J**	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	83-32-9	
Acenaphthylene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	208-96-8	
Aniline	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	62-53-3	
Anthracene	**215J**	ug/kg	446	146	1	04/10/21 00:07	04/14/21 00:13	120-12-7	
Benzo(a)anthracene	**298J**	ug/kg	446	149	1	04/10/21 00:07	04/14/21 00:13	56-55-3	
Benzo(b)fluoranthene	**290J**	ug/kg	446	149	1	04/10/21 00:07	04/14/21 00:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	446	173	1	04/10/21 00:07	04/14/21 00:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	207-08-9	
Benzoic Acid	ND	ug/kg	2230	958	1	04/10/21 00:07	04/14/21 00:13	65-85-0	
Benzyl alcohol	ND	ug/kg	892	338	1	04/10/21 00:07	04/14/21 00:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	446	188	1	04/10/21 00:07	04/14/21 00:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	892	314	1	04/10/21 00:07	04/14/21 00:13	59-50-7	
4-Chloroaniline	ND	ug/kg	892	350	1	04/10/21 00:07	04/14/21 00:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	446	185	1	04/10/21 00:07	04/14/21 00:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	446	177	1	04/10/21 00:07	04/14/21 00:13	91-58-7	
2-Chlorophenol	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	446	166	1	04/10/21 00:07	04/14/21 00:13	7005-72-3	
Chrysene	**228J**	ug/kg	446	162	1	04/10/21 00:07	04/14/21 00:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	53-70-3	
Dibenzofuran	ND	ug/kg	446	161	1	04/10/21 00:07	04/14/21 00:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	892	301	1	04/10/21 00:07	04/14/21 00:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diethylphthalate	ND	ug/kg	446	164	1	04/10/21 00:07	04/14/21 00:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	446	185	1	04/10/21 00:07	04/14/21 00:13	105-67-9	
Dimethylphthalate	ND	ug/kg	446	162	1	04/10/21 00:07	04/14/21 00:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	446	150	1	04/10/21 00:07	04/14/21 00:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	416	1	04/10/21 00:07	04/14/21 00:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1380	1	04/10/21 00:07	04/14/21 00:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	446	164	1	04/10/21 00:07	04/14/21 00:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	446	176	1	04/10/21 00:07	04/14/21 00:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	446	173	1	04/10/21 00:07	04/14/21 00:13	117-81-7	
Fluoranthene	**710**	ug/kg	446	153	1	04/10/21 00:07	04/14/21 00:13	206-44-0	
Fluorene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	446	255	1	04/10/21 00:07	04/14/21 00:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	446	170	1	04/10/21 00:07	04/14/21 00:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	446	176	1	04/10/21 00:07	04/14/21 00:13	193-39-5	
Isophorone	ND	ug/kg	446	199	1	04/10/21 00:07	04/14/21 00:13	78-59-1	
1-Methylnaphthalene	**214J**	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	90-12-0	
2-Methylnaphthalene	**380J**	ug/kg	446	178	1	04/10/21 00:07	04/14/21 00:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	446	182	1	04/10/21 00:07	04/14/21 00:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	446	180	1	04/10/21 00:07	04/14/21 00:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2230	365	1	04/10/21 00:07	04/14/21 00:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	350	1	04/10/21 00:07	04/14/21 00:13	99-09-2	
4-Nitroaniline	ND	ug/kg	892	339	1	04/10/21 00:07	04/14/21 00:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	446	207	1	04/10/21 00:07	04/14/21 00:13	98-95-3	
2-Nitrophenol	ND	ug/kg	446	193	1	04/10/21 00:07	04/14/21 00:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	862	1	04/10/21 00:07	04/14/21 00:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	446	150	1	04/10/21 00:07	04/14/21 00:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	446	158	1	04/10/21 00:07	04/14/21 00:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	446	212	1	04/10/21 00:07	04/14/21 00:13	108-60-1	
Pentachlorophenol	ND	ug/kg	892	437	1	04/10/21 00:07	04/14/21 00:13	87-86-5	
Phenanthrene	**553**	ug/kg	446	146	1	04/10/21 00:07	04/14/21 00:13	85-01-8	
Phenol	ND	ug/kg	446	199	1	04/10/21 00:07	04/14/21 00:13	108-95-2	
Pyrene	**510**	ug/kg	446	181	1	04/10/21 00:07	04/14/21 00:13	129-00-0	
Pyridine	ND	ug/kg	446	141	1	04/10/21 00:07	04/14/21 00:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	446	204	1	04/10/21 00:07	04/14/21 00:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	446	184	1	04/10/21 00:07	04/14/21 00:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		1	04/10/21 00:07	04/14/21 00:13	4165-60-0	
2-Fluorobiphenyl (S)	51	%	19-130		1	04/10/21 00:07	04/14/21 00:13	321-60-8	
Terphenyl-d14 (S)	38	%	15-130		1	04/10/21 00:07	04/14/21 00:13	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/10/21 00:07	04/14/21 00:13	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/10/21 00:07	04/14/21 00:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Surrogates									
2,4,6-Tribromophenol (S)	80	%	18-130		1	04/10/21 00:07	04/14/21 00:13	118-79-6	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	609	196	4	04/08/21 15:45	04/09/21 11:09	67-64-1	
Benzene	**170**	ug/kg	30.5	12.1	4	04/08/21 15:45	04/09/21 11:09	71-43-2	
Bromobenzene	ND	ug/kg	30.5	9.9	4	04/08/21 15:45	04/09/21 11:09	108-86-1	
Bromochloromethane	ND	ug/kg	30.5	9.0	4	04/08/21 15:45	04/09/21 11:09	74-97-5	
Bromodichloromethane	ND	ug/kg	30.5	11.8	4	04/08/21 15:45	04/09/21 11:09	75-27-4	
Bromoform	ND	ug/kg	30.5	10.7	4	04/08/21 15:45	04/09/21 11:09	75-25-2	
Bromomethane	ND	ug/kg	60.9	48.1	4	04/08/21 15:45	04/09/21 11:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	609	146	4	04/08/21 15:45	04/09/21 11:09	78-93-3	
n-Butylbenzene	ND	ug/kg	30.5	14.4	4	04/08/21 15:45	04/09/21 11:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	30.5	13.4	4	04/08/21 15:45	04/09/21 11:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	30.5	11.4	4	04/08/21 15:45	04/09/21 11:09	56-23-5	
Chlorobenzene	ND	ug/kg	30.5	5.8	4	04/08/21 15:45	04/09/21 11:09	108-90-7	
Chloroethane	ND	ug/kg	60.9	23.5	4	04/08/21 15:45	04/09/21 11:09	75-00-3	
Chloroform	ND	ug/kg	30.5	18.5	4	04/08/21 15:45	04/09/21 11:09	67-66-3	
Chloromethane	ND	ug/kg	60.9	25.6	4	04/08/21 15:45	04/09/21 11:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	30.5	5.4	4	04/08/21 15:45	04/09/21 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	30.5	11.8	4	04/08/21 15:45	04/09/21 11:09	96-12-8	
Dibromochloromethane	ND	ug/kg	30.5	17.1	4	04/08/21 15:45	04/09/21 11:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	30.5	13.4	4	04/08/21 15:45	04/09/21 11:09	106-93-4	
Dibromomethane	ND	ug/kg	30.5	6.5	4	04/08/21 15:45	04/09/21 11:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	30.5	11.0	4	04/08/21 15:45	04/09/21 11:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	30.5	9.4	4	04/08/21 15:45	04/09/21 11:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	30.5	7.9	4	04/08/21 15:45	04/09/21 11:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	60.9	13.2	4	04/08/21 15:45	04/09/21 11:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	30.5	12.5	4	04/08/21 15:45	04/09/21 11:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	30.5	20.2	4	04/08/21 15:45	04/09/21 11:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	30.5	12.5	4	04/08/21 15:45	04/09/21 11:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	30.5	10.4	4	04/08/21 15:45	04/09/21 11:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	30.5	10.7	4	04/08/21 15:45	04/09/21 11:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	30.5	9.1	4	04/08/21 15:45	04/09/21 11:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	30.5	9.5	4	04/08/21 15:45	04/09/21 11:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	30.5	9.9	4	04/08/21 15:45	04/09/21 11:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	30.5	14.6	4	04/08/21 15:45	04/09/21 11:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	30.5	8.3	4	04/08/21 15:45	04/09/21 11:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	30.5	10.5	4	04/08/21 15:45	04/09/21 11:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	30.5	8.2	4	04/08/21 15:45	04/09/21 11:09	108-20-3	
Ethylbenzene	**278**	ug/kg	30.5	14.2	4	04/08/21 15:45	04/09/21 11:09	100-41-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Hexachloro-1,3-butadiene	ND	ug/kg	60.9	49.8	4	04/08/21 15:45	04/09/21 11:09	87-68-3	
2-Hexanone	ND	ug/kg	305	29.4	4	04/08/21 15:45	04/09/21 11:09	591-78-6	
Isopropylbenzene (Cumene)	**26.8J**	ug/kg	30.5	10.4	4	04/08/21 15:45	04/09/21 11:09	98-82-8	
p-Isopropyltoluene	**36.7**	ug/kg	30.5	15.0	4	04/08/21 15:45	04/09/21 11:09	99-87-6	
Methylene Chloride	ND	ug/kg	122	83.4	4	04/08/21 15:45	04/09/21 11:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	305	29.4	4	04/08/21 15:45	04/09/21 11:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	30.5	11.4	4	04/08/21 15:45	04/09/21 11:09	1634-04-4	
Naphthalene	**18800**	ug/kg	30.5	16.0	4	04/08/21 15:45	04/09/21 11:09	91-20-3	
n-Propylbenzene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	103-65-1	
Styrene	**25.2J**	ug/kg	30.5	8.0	4	04/08/21 15:45	04/09/21 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	30.5	11.7	4	04/08/21 15:45	04/09/21 11:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	30.5	8.0	4	04/08/21 15:45	04/09/21 11:09	79-34-5	
Tetrachloroethene	ND	ug/kg	30.5	9.6	4	04/08/21 15:45	04/09/21 11:09	127-18-4	
Toluene	**144**	ug/kg	30.5	8.6	4	04/08/21 15:45	04/09/21 11:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	30.5	24.6	4	04/08/21 15:45	04/09/21 11:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	30.5	25.6	4	04/08/21 15:45	04/09/21 11:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	30.5	15.8	4	04/08/21 15:45	04/09/21 11:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	30.5	10.1	4	04/08/21 15:45	04/09/21 11:09	79-00-5	
Trichloroethene	ND	ug/kg	30.5	7.9	4	04/08/21 15:45	04/09/21 11:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	30.5	16.8	4	04/08/21 15:45	04/09/21 11:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	30.5	15.4	4	04/08/21 15:45	04/09/21 11:09	96-18-4	
1,2,4-Trimethylbenzene	**331**	ug/kg	30.5	8.3	4	04/08/21 15:45	04/09/21 11:09	95-63-6	
1,3,5-Trimethylbenzene	**129**	ug/kg	30.5	10.2	4	04/08/21 15:45	04/09/21 11:09	108-67-8	
Vinyl acetate	ND	ug/kg	305	22.2	4	04/08/21 15:45	04/09/21 11:09	108-05-4	
Vinyl chloride	ND	ug/kg	60.9	15.5	4	04/08/21 15:45	04/09/21 11:09	75-01-4	
Xylene (Total)	**538**	ug/kg	60.9	17.4	4	04/08/21 15:45	04/09/21 11:09	1330-20-7	
m&p-Xylene	**310**	ug/kg	60.9	20.8	4	04/08/21 15:45	04/09/21 11:09	179601-23-1	
o-Xylene	**228**	ug/kg	30.5	13.5	4	04/08/21 15:45	04/09/21 11:09	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		4	04/08/21 15:45	04/09/21 11:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		4	04/08/21 15:45	04/09/21 11:09	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		4	04/08/21 15:45	04/09/21 11:09	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**27.0**	%	0.10	0.10	1		04/08/21 14:33		N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 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	04/12/21 06:11	04/12/21 18:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/12/21 06:11	04/12/21 18:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/12/21 06:11	04/12/21 18:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/12/21 06:11	04/12/21 18:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/12/21 06:11	04/12/21 18:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/12/21 06:11	04/12/21 18:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/12/21 06:11	04/12/21 18:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/12/21 06:11	04/12/21 18:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/12/21 06:11	04/12/21 18:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/12/21 06:11	04/12/21 18:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/12/21 06:11	04/12/21 18:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/12/21 06:11	04/12/21 18:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/12/21 06:11	04/12/21 18:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/12/21 06:11	04/12/21 18:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/12/21 06:11	04/12/21 18:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/12/21 06:11	04/12/21 18:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/12/21 06:11	04/12/21 18:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/12/21 06:11	04/12/21 18:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/12/21 06:11	04/12/21 18:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/12/21 06:11	04/12/21 18:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/12/21 06:11	04/12/21 18:26	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 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	04/12/21 06:11	04/12/21 18:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/12/21 06:11	04/12/21 18:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/12/21 06:11	04/12/21 18:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/12/21 06:11	04/12/21 18:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/12/21 06:11	04/12/21 18:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/12/21 06:11	04/12/21 18:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/12/21 06:11	04/12/21 18:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	49	%	10-144		1	04/12/21 06:11	04/12/21 18:26	4165-60-0	
2-Fluorobiphenyl (S)	36	%	10-130		1	04/12/21 06:11	04/12/21 18:26	321-60-8	
Terphenyl-d14 (S)	83	%	34-163		1	04/12/21 06:11	04/12/21 18:26	1718-51-0	
Phenol-d6 (S)	28	%	10-130		1	04/12/21 06:11	04/12/21 18:26	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	04/12/21 06:11	04/12/21 18:26	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		1	04/12/21 06:11	04/12/21 18:26	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 18:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	121	%	67-170		1	04/12/21 10:54	04/12/21 18:50	4165-60-0	
2-Fluorobiphenyl (S)	136	%	61-163		1	04/12/21 10:54	04/12/21 18:50	321-60-8	
Terphenyl-d14 (S)	118	%	62-169		1	04/12/21 10:54	04/12/21 18:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**12.7J**	ug/L	25.0	5.1	1		04/12/21 15:49	67-64-1	C0
Benzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/12/21 15:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/12/21 15:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/12/21 15:49	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/12/21 15:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/12/21 15:49	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/12/21 15:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/12/21 15:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/12/21 15:49	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	5.0	1.6	1		04/12/21 15:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/12/21 15:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/12/21 15:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/12/21 15:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/12/21 15:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/12/21 15:49	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/12/21 15:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/12/21 15:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/12/21 15:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/12/21 15:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/12/21 15:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/12/21 15:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/12/21 15:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/12/21 15:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/12/21 15:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/12/21 15:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/12/21 15:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/12/21 15:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/12/21 15:49	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/12/21 15:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/12/21 15:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/12/21 15:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/12/21 15:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/12/21 15:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/12/21 15:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/12/21 15:49	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/12/21 15:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/12/21 15:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/12/21 15:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/12/21 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/12/21 15:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/12/21 15:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/12/21 15:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/12/21 15:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/12/21 15:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/12/21 15:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/12/21 15:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/12/21 15:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/12/21 15:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/12/21 15:49	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/12/21 15:49	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 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		04/12/21 15:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/12/21 15:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/12/21 15:49	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		04/12/21 15:49	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/12/21 15:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: TRIP BLANK **Lab ID: 92531952015** Collected: 04/08/21 00:00 Received: 04/08/21 08:00 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		04/08/21 15:29	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/08/21 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/08/21 15:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/08/21 15:29	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/08/21 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/08/21 15:29	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/08/21 15:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/08/21 15:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/08/21 15:29	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/08/21 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/08/21 15:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/08/21 15:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/08/21 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/08/21 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/08/21 15:29	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/08/21 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/08/21 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/08/21 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/08/21 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/08/21 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/08/21 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/08/21 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/08/21 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/08/21 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/08/21 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/08/21 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/08/21 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/08/21 15:29	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/08/21 15:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/08/21 15:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/08/21 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/08/21 15:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/08/21 15:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/08/21 15:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/08/21 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/08/21 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/08/21 15:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/08/21 15:29	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/08/21 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/08/21 15:29	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: TRIP BLANK **Lab ID: 92531952015** Collected: 04/08/21 00:00 Received: 04/08/21 08:00 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		04/08/21 15:29	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/08/21 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/08/21 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/08/21 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/08/21 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/08/21 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/08/21 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/08/21 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/08/21 15:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/08/21 15:29	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/08/21 15:29	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/08/21 15:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/08/21 15:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/08/21 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		04/08/21 15:29	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/08/21 15:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612349
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952015

METHOD BLANK: 3223149 Matrix: Water
Associated Lab Samples: 92531952015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/08/21 10:32	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/08/21 10:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/08/21 10:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/08/21 10:32	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/08/21 10:32	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/08/21 10:32	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/08/21 10:32	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/08/21 10:32	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/08/21 10:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/08/21 10:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/08/21 10:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/08/21 10:32	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/08/21 10:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/08/21 10:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/08/21 10:32	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/08/21 10:32	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/08/21 10:32	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/08/21 10:32	
2-Hexanone	ug/L	ND	5.0	0.48	04/08/21 10:32	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/08/21 10:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/08/21 10:32	
Acetone	ug/L	ND	25.0	5.1	04/08/21 10:32	
Benzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
Bromobenzene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Bromochloromethane	ug/L	ND	1.0	0.47	04/08/21 10:32	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/08/21 10:32	
Bromoform	ug/L	ND	1.0	0.34	04/08/21 10:32	IK
Bromomethane	ug/L	ND	2.0	1.7	04/08/21 10:32	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/08/21 10:32	
Chlorobenzene	ug/L	ND	1.0	0.28	04/08/21 10:32	
Chloroethane	ug/L	ND	1.0	0.65	04/08/21 10:32	
Chloroform	ug/L	ND	5.0	1.6	04/08/21 10:32	
Chloromethane	ug/L	ND	1.0	0.54	04/08/21 10:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/08/21 10:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/08/21 10:32	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/08/21 10:32	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/08/21 10:32	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/08/21 10:32	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3223149 Matrix: Water
Associated Lab Samples: 92531952015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/08/21 10:32	
Ethylbenzene	ug/L	ND	1.0	0.30	04/08/21 10:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/08/21 10:32	
m&p-Xylene	ug/L	ND	2.0	0.71	04/08/21 10:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/08/21 10:32	
Methylene Chloride	ug/L	ND	5.0	2.0	04/08/21 10:32	
Naphthalene	ug/L	ND	1.0	0.64	04/08/21 10:32	
o-Xylene	ug/L	ND	1.0	0.34	04/08/21 10:32	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/08/21 10:32	
Styrene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Toluene	ug/L	ND	1.0	0.48	04/08/21 10:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/08/21 10:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/08/21 10:32	
Trichloroethene	ug/L	ND	1.0	0.38	04/08/21 10:32	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/08/21 10:32	
Vinyl acetate	ug/L	ND	2.0	1.3	04/08/21 10:32	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/08/21 10:32	
Xylene (Total)	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,2-Dichloroethane-d4 (S)	%	92	70-130		04/08/21 10:32	
4-Bromofluorobenzene (S)	%	98	70-130		04/08/21 10:32	
Toluene-d8 (S)	%	112	70-130		04/08/21 10:32	

LABORATORY CONTROL SAMPLE: 3223150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.1	88	70-130	
1,1,1-Trichloroethane	ug/L	50	56.0	112	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	70-130	
1,1,2-Trichloroethane	ug/L	50	42.4	85	70-130	
1,1-Dichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethene	ug/L	50	49.1	98	70-130	
1,1-Dichloropropene	ug/L	50	48.1	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2,3-Trichloropropane	ug/L	50	48.4	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.5	111	70-130	
1,2-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,2-Dichloroethane	ug/L	50	52.5	105	70-130	
1,2-Dichloropropane	ug/L	50	51.8	104	70-130	
1,3-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,3-Dichloropropane	ug/L	50	44.5	89	70-130	
1,4-Dichlorobenzene	ug/L	50	48.1	96	70-130	
2,2-Dichloropropane	ug/L	50	59.8	120	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3223150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	IK
2-Chlorotoluene	ug/L	50	50.1	100	70-130	
2-Hexanone	ug/L	100	92.3	92	70-130	
4-Chlorotoluene	ug/L	50	48.2	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.9	89	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromobenzene	ug/L	50	51.2	102	70-130	
Bromochloromethane	ug/L	50	55.2	110	70-130	
Bromodichloromethane	ug/L	50	52.0	104	70-130	
Bromoform	ug/L	50	44.1	88	70-130	IK
Bromomethane	ug/L	50	53.3	107	70-130	
Carbon tetrachloride	ug/L	50	53.1	106	70-130	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	50.2	100	70-130	
Chloroform	ug/L	50	52.2	104	70-130	
Chloromethane	ug/L	50	44.5	89	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.3	97	70-130	IK
Dibromochloromethane	ug/L	50	47.2	94	70-130	IK
Dibromomethane	ug/L	50	48.1	96	70-130	
Dichlorodifluoromethane	ug/L	50	46.1	92	70-130	
Diisopropyl ether	ug/L	50	52.8	106	70-130	
Ethylbenzene	ug/L	50	48.3	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.0	96	70-130	
m&p-Xylene	ug/L	100	95.4	95	70-130	
Methyl-tert-butyl ether	ug/L	50	51.6	103	70-130	
Methylene Chloride	ug/L	50	40.3	81	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.1	94	70-130	
p-Isopropyltoluene	ug/L	50	50.8	102	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	46.9	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.7	85	70-130	
Trichloroethene	ug/L	50	54.6	109	70-130	
Trichlorofluoromethane	ug/L	50	46.9	94	70-130	
Vinyl acetate	ug/L	100	104	104	70-130	IK
Vinyl chloride	ug/L	50	47.1	94	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223151 3223152

Parameter	Units	92531836001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.0	17.7	95	89	73-134	7	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	27.1	26.7	135	133	82-143	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.3	19.4	96	97	70-136	1	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	19.7	104	99	70-135	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.4	24.6	117	123	70-139	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.5	23.3	123	117	70-154	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.0	20.9	105	104	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.9	19.9	115	99	70-135	14	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.1	19.0	100	95	71-137	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.5	18.8	108	94	73-140	14	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.3	21.0	101	105	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.7	19.3	103	96	70-133	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.0	23.3	115	116	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.1	21.9	110	110	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	20.1	106	100	70-135	5	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.8	16.9	89	85	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.2	19.5	106	98	70-133	8	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.6	25.6	128	128	61-148	0	30	
2-Butanone (MEK)	ug/L	14.5	40	40	55.5	116	102	254	60-139	70	30	IK,M1, R1
2-Chlorotoluene	ug/L	ND	20	20	21.5	20.7	108	104	70-144	4	30	
2-Hexanone	ug/L	ND	40	40	40.4	46.2	101	115	65-138	13	30	
4-Chlorotoluene	ug/L	ND	20	20	20.0	19.4	100	97	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.2	38.2	93	95	65-135	3	30	
Acetone	ug/L	71.8	40	40	76.2	191	11	299	60-148	86	30	M1,R1
Benzene	ug/L	ND	20	20	24.8	24.1	124	121	70-151	3	30	
Bromobenzene	ug/L	ND	20	20	21.4	20.7	107	104	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	25.3	25.1	127	126	70-141	1	30	
Bromodichloromethane	ug/L	ND	20	20	23.9	22.2	120	111	70-138	8	30	
Bromoform	ug/L	ND	20	20	17.0	17.1	85	85	63-130	0	30	IK
Bromomethane	ug/L	ND	20	20	25.2	26.2	126	131	15-152	4	30	
Carbon tetrachloride	ug/L	ND	20	20	27.2	26.2	136	131	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	22.2	21.1	111	106	70-138	5	30	
Chloroethane	ug/L	ND	20	20	24.8	27.3	124	136	52-163	9	30	
Chloroform	ug/L	ND	20	20	22.7	24.1	113	120	70-139	6	30	
Chloromethane	ug/L	ND	20	20	18.8	23.0	94	115	41-139	20	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.9	118	119	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	19.7	99	99	70-137	0	30	IK
Dibromochloromethane	ug/L	ND	20	20	18.4	18.1	92	90	70-134	2	30	IK
Dibromomethane	ug/L	ND	20	20	22.9	23.0	114	115	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.5	117	117	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	19.2	20.4	96	102	63-144	6	30	
Ethylbenzene	ug/L	ND	20	20	22.4	21.3	112	106	66-153	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	14.5	103	72	65-149	35	30	R1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3223151 3223152

Parameter	Units	92531836001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
m&p-Xylene	ug/L	ND	40	40	45.8	43.2	115	108	69-152	6	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	18.6	20.0	93	100	54-156	7	30	
Methylene Chloride	ug/L	ND	20	20	19.1	18.9	96	95	42-159	1	30	
Naphthalene	ug/L	10.5	20	20	33.1	31.7	113	106	61-148	4	30	
o-Xylene	ug/L	ND	20	20	22.2	21.5	111	108	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.9	20.0	110	100	70-146	9	30	
Styrene	ug/L	ND	20	20	22.4	21.5	112	108	70-135	4	30	
Tetrachloroethene	ug/L	ND	20	20	23.1	22.3	116	111	59-143	4	30	
Toluene	ug/L	16.2	20	20	41.5	45.7	127	147	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.7	23.8	124	119	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.1	19.2	95	96	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	25.0	22.5	125	113	70-147	10	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.0	23.9	120	119	70-148	0	30	
Vinyl acetate	ug/L	ND	40	40	40.2	39.8	100	99	49-151	1	30	IK
Vinyl chloride	ug/L	ND	20	20	23.8	24.6	119	123	70-156	3	30	
Xylene (Total)	ug/L	ND	60	60	68.1	64.7	113	108	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						104	106	70-130			
4-Bromofluorobenzene (S)	%						100	96	70-130			
Toluene-d8 (S)	%						101	99	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613057
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226783 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/12/21 12:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/12/21 12:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/12/21 12:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/12/21 12:53	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/12/21 12:53	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/12/21 12:53	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/12/21 12:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/12/21 12:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/12/21 12:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/12/21 12:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/12/21 12:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/12/21 12:53	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/12/21 12:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/12/21 12:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/12/21 12:53	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/12/21 12:53	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/12/21 12:53	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/12/21 12:53	
2-Hexanone	ug/L	ND	5.0	0.48	04/12/21 12:53	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/12/21 12:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/12/21 12:53	
Acetone	ug/L	ND	25.0	5.1	04/12/21 12:53	
Benzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
Bromobenzene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Bromochloromethane	ug/L	ND	1.0	0.47	04/12/21 12:53	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/12/21 12:53	
Bromoform	ug/L	ND	1.0	0.34	04/12/21 12:53	IK
Bromomethane	ug/L	ND	2.0	1.7	04/12/21 12:53	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/12/21 12:53	
Chlorobenzene	ug/L	ND	1.0	0.28	04/12/21 12:53	
Chloroethane	ug/L	ND	1.0	0.65	04/12/21 12:53	
Chloroform	ug/L	ND	5.0	1.6	04/12/21 12:53	
Chloromethane	ug/L	ND	1.0	0.54	04/12/21 12:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/12/21 12:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/12/21 12:53	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/12/21 12:53	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/12/21 12:53	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/12/21 12:53	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3226783 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/12/21 12:53	
Ethylbenzene	ug/L	ND	1.0	0.30	04/12/21 12:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/12/21 12:53	
m&p-Xylene	ug/L	ND	2.0	0.71	04/12/21 12:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/12/21 12:53	
Methylene Chloride	ug/L	ND	5.0	2.0	04/12/21 12:53	v2
Naphthalene	ug/L	ND	1.0	0.64	04/12/21 12:53	
o-Xylene	ug/L	ND	1.0	0.34	04/12/21 12:53	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/12/21 12:53	
Styrene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Toluene	ug/L	ND	1.0	0.48	04/12/21 12:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/12/21 12:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/12/21 12:53	
Trichloroethene	ug/L	ND	1.0	0.38	04/12/21 12:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/12/21 12:53	
Vinyl acetate	ug/L	ND	2.0	1.3	04/12/21 12:53	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/12/21 12:53	
Xylene (Total)	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,2-Dichloroethane-d4 (S)	%	97	70-130		04/12/21 12:53	
4-Bromofluorobenzene (S)	%	102	70-130		04/12/21 12:53	
Toluene-d8 (S)	%	110	70-130		04/12/21 12:53	

LABORATORY CONTROL SAMPLE: 3226784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.0	94	70-130	
1,1,1-Trichloroethane	ug/L	50	58.7	117	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.6	99	70-130	
1,1,2-Trichloroethane	ug/L	50	47.1	94	70-130	
1,1-Dichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethene	ug/L	50	46.9	94	70-130	
1,1-Dichloropropene	ug/L	50	49.9	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.2	110	70-130	
1,2,3-Trichloropropane	ug/L	50	51.8	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.3	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	56.4	113	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	54.8	110	70-130	
1,3-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,3-Dichloropropane	ug/L	50	46.0	92	70-130	
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
2,2-Dichloropropane	ug/L	50	58.7	117	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	IK
2-Chlorotoluene	ug/L	50	51.0	102	70-130	
2-Hexanone	ug/L	100	99.1	99	70-130	
4-Chlorotoluene	ug/L	50	50.8	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.7	96	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	57.5	115	70-130	
Bromobenzene	ug/L	50	53.5	107	70-130	
Bromochloromethane	ug/L	50	57.0	114	70-130	
Bromodichloromethane	ug/L	50	52.7	105	70-130	
Bromoform	ug/L	50	48.4	97	70-130	IK
Bromomethane	ug/L	50	49.8	100	70-130	
Carbon tetrachloride	ug/L	50	55.6	111	70-130	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	44.1	88	70-130	
Chloroform	ug/L	50	52.9	106	70-130	
Chloromethane	ug/L	50	41.8	84	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	IK
Dibromochloromethane	ug/L	50	52.1	104	70-130	IK
Dibromomethane	ug/L	50	54.1	108	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	53.1	106	70-130	
Ethylbenzene	ug/L	50	50.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.2	108	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	54.2	108	70-130	
Methylene Chloride	ug/L	50	38.8	78	70-130	v3
Naphthalene	ug/L	50	54.1	108	70-130	
o-Xylene	ug/L	50	49.2	98	70-130	
p-Isopropyltoluene	ug/L	50	52.0	104	70-130	
Styrene	ug/L	50	50.1	100	70-130	
Tetrachloroethene	ug/L	50	53.9	108	70-130	
Toluene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Trichloroethene	ug/L	50	62.1	124	70-130	
Trichlorofluoromethane	ug/L	50	47.1	94	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	IK
Vinyl chloride	ug/L	50	41.6	83	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3226786

Parameter	Units	92532398007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	16.8	84	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	28.1	141	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.3	91	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	19.2	96	70-135	
1,1-Dichloroethane	ug/L	ND	20	24.3	122	70-139	
1,1-Dichloroethene	ug/L	ND	20	23.7	118	70-154	
1,1-Dichloropropene	ug/L	ND	20	20.5	102	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.5	98	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	18.4	92	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.7	99	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.8	99	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	20.3	102	70-133	
1,2-Dichloroethane	ug/L	ND	20	24.6	123	70-137	
1,2-Dichloropropane	ug/L	ND	20	21.3	106	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	20.5	103	70-135	
1,3-Dichloropropane	ug/L	ND	20	16.4	82	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	20.5	103	70-133	
2,2-Dichloropropane	ug/L	ND	20	27.2	136	61-148	
2-Butanone (MEK)	ug/L	ND	40	42.9	107	60-139	IK
2-Chlorotoluene	ug/L	ND	20	20.1	101	70-144	
2-Hexanone	ug/L	ND	40	35.9	90	65-138	
4-Chlorotoluene	ug/L	ND	20	20.2	101	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.1	95	65-135	
Acetone	ug/L	ND	40	42.4	106	60-148	
Benzene	ug/L	ND	20	23.1	115	70-151	
Bromobenzene	ug/L	ND	20	20.4	102	70-136	
Bromochloromethane	ug/L	ND	20	25.8	129	70-141	
Bromodichloromethane	ug/L	ND	20	21.9	109	70-138	
Bromoform	ug/L	ND	20	16.8	84	63-130	IK
Bromomethane	ug/L	ND	20	22.9	114	15-152	
Carbon tetrachloride	ug/L	ND	20	27.0	135	70-143	
Chlorobenzene	ug/L	ND	20	22.8	114	70-138	
Chloroethane	ug/L	ND	20	24.4	122	52-163	
Chloroform	ug/L	1.9J	20	27.6	128	70-139	
Chloromethane	ug/L	ND	20	18.7	94	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	23.3	117	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	19.3	97	70-137	IK
Dibromochloromethane	ug/L	ND	20	18.7	93	70-134	IK
Dibromomethane	ug/L	ND	20	22.4	112	70-138	
Dichlorodifluoromethane	ug/L	ND	20	22.5	113	47-155	
Diisopropyl ether	ug/L	ND	20	20.7	104	63-144	
Ethylbenzene	ug/L	ND	20	20.9	104	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.5	108	65-149	
m&p-Xylene	ug/L	ND	40	41.5	104	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	19.5	97	54-156	
Methylene Chloride	ug/L	ND	20	19.3	96	42-159	v3
Naphthalene	ug/L	ND	20	17.9	90	61-148	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3226786

Parameter	Units	92532398007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	20.9	105	70-148	
p-Isopropyltoluene	ug/L	ND	20	20.1	101	70-146	
Styrene	ug/L	ND	20	20.7	104	70-135	
Tetrachloroethene	ug/L	ND	20	21.7	108	59-143	
Toluene	ug/L	ND	20	23.1	116	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	25.0	125	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	19.9	99	70-135	
Trichloroethene	ug/L	ND	20	25.2	126	70-147	
Trichlorofluoromethane	ug/L	ND	20	24.9	125	70-148	
Vinyl acetate	ug/L	ND	40	37.5	94	49-151	IK
Vinyl chloride	ug/L	ND	20	22.1	111	70-156	
Xylene (Total)	ug/L	ND	60	62.4	104	63-158	
1,2-Dichloroethane-d4 (S)	%				106	70-130	
4-Bromofluorobenzene (S)	%				95	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 3226785

Parameter	Units	92532398005 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	IK
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	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3226785

Parameter	Units	92532398005 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	IK
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	IK
Dibromochloromethane	ug/L	ND	ND		30	IK
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	v2
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)	%	93	98			
4-Bromofluorobenzene (S)	%	100	104			
Toluene-d8 (S)	%	114	111			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612471
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

METHOD BLANK: 3224076
Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/09/21 01:33	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/09/21 01:33	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/09/21 01:33	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/09/21 01:33	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/09/21 01:33	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/09/21 01:33	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/09/21 01:33	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/09/21 01:33	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/09/21 01:33	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/09/21 01:33	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/09/21 01:33	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/09/21 01:33	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/09/21 01:33	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 01:33	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 01:33	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/09/21 01:33	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
2-Hexanone	ug/kg	ND	50.0	4.8	04/09/21 01:33	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/09/21 01:33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/09/21 01:33	
Acetone	ug/kg	ND	100	32.1	04/09/21 01:33	
Benzene	ug/kg	ND	5.0	2.0	04/09/21 01:33	
Bromobenzene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/09/21 01:33	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Bromoform	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Bromomethane	ug/kg	ND	10.0	7.9	04/09/21 01:33	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/09/21 01:33	
Chloroethane	ug/kg	ND	10.0	3.9	04/09/21 01:33	
Chloroform	ug/kg	ND	5.0	3.0	04/09/21 01:33	
Chloromethane	ug/kg	ND	10.0	4.2	04/09/21 01:33	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/09/21 01:33	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3224076 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/09/21 01:33	
Dibromomethane	ug/kg	ND	5.0	1.1	04/09/21 01:33	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/09/21 01:33	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/09/21 01:33	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/09/21 01:33	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/09/21 01:33	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/09/21 01:33	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/09/21 01:33	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/09/21 01:33	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/09/21 01:33	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Naphthalene	ug/kg	ND	5.0	2.6	04/09/21 01:33	
o-Xylene	ug/kg	ND	5.0	2.2	04/09/21 01:33	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/09/21 01:33	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/09/21 01:33	
Styrene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
Toluene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/09/21 01:33	
Trichloroethene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/09/21 01:33	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/09/21 01:33	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/09/21 01:33	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/09/21 01:33	
1,2-Dichloroethane-d4 (S)	%	110	70-130		04/09/21 01:33	
4-Bromofluorobenzene (S)	%	106	69-134		04/09/21 01:33	
Toluene-d8 (S)	%	100	70-130		04/09/21 01:33	

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1220	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1250	100	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1310	105	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1210	96	65-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1250	100	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1170	93	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1210	97	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1270	102	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1180	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1270	102	63-130	
1,2-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	101	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1130	91	70-130	
1,3-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1170	93	70-130	
2,2-Dichloropropane	ug/kg	1250	1130	90	66-130	
2-Butanone (MEK)	ug/kg	2500	2840	114	70-130	
2-Chlorotoluene	ug/kg	1250	1330	106	70-130	
2-Hexanone	ug/kg	2500	2920	117	70-130	
4-Chlorotoluene	ug/kg	1250	1240	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2810	112	70-130	
Acetone	ug/kg	2500	2890	116	69-130	
Benzene	ug/kg	1250	1270	102	70-130	
Bromobenzene	ug/kg	1250	1220	98	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1240	100	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1200	96	52-130	
Carbon tetrachloride	ug/kg	1250	1240	99	70-130	
Chlorobenzene	ug/kg	1250	1200	96	70-130	
Chloroethane	ug/kg	1250	1340	107	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1310	105	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1280	102	70-130	
Dibromochloromethane	ug/kg	1250	1250	100	70-130	
Dibromomethane	ug/kg	1250	1190	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	98	45-156	
Diisopropyl ether	ug/kg	1250	1330	106	70-130	
Ethylbenzene	ug/kg	1250	1180	95	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2510	101	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1250	100	70-130	
Methylene Chloride	ug/kg	1250	1400	112	65-130	
n-Butylbenzene	ug/kg	1250	1180	94	67-130	
n-Propylbenzene	ug/kg	1250	1230	99	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1240	99	70-130	
p-Isopropyltoluene	ug/kg	1250	1200	96	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1170	94	69-130	
Styrene	ug/kg	1250	1290	104	70-130	
tert-Butylbenzene	ug/kg	1250	1200	96	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1230	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1150	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1110	89	70-130	
Vinyl acetate	ug/kg	2500	3100	124	70-130	
Vinyl chloride	ug/kg	1250	1220	98	61-130	
Xylene (Total)	ug/kg	3750	3760	100	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3224079

Parameter	Units	92531952002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1120	1300	116	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1120	1280	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1120	1290	115	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1120	1280	114	66-133	
1,1-Dichloroethane	ug/kg	ND	1120	1270	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1120	1330	119	10-158	
1,1-Dichloropropene	ug/kg	ND	1120	1340	120	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1120	1340	119	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1120	1230	110	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1120	1260	112	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1120	1320	118	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1120	1130	101	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1120	1290	115	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1120	1240	111	69-130	
1,2-Dichloroethane	ug/kg	ND	1120	1340	120	59-130	
1,2-Dichloropropane	ug/kg	ND	1120	1410	126	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1120	1340	120	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1120	1220	109	70-130	
1,3-Dichloropropane	ug/kg	ND	1120	1400	125	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1120	1220	109	68-130	
2,2-Dichloropropane	ug/kg	ND	1120	1020	91	32-130	
2-Butanone (MEK)	ug/kg	ND	2230	2650	118	10-136	
2-Chlorotoluene	ug/kg	ND	1120	1370	122	69-141	
2-Hexanone	ug/kg	ND	2230	2750	123	10-144	
4-Chlorotoluene	ug/kg	ND	1120	1300	116	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	2230	2740	122	25-143	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3224079

Parameter	Units	92531952002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/kg	ND	2230	2320	103	10-130	
Benzene	ug/kg	ND	1120	1370	122	67-130	
Bromobenzene	ug/kg	ND	1120	1270	113	70-130	
Bromochloromethane	ug/kg	ND	1120	1180	105	69-134	
Bromodichloromethane	ug/kg	ND	1120	1280	114	64-130	
Bromoform	ug/kg	ND	1120	1160	103	62-130	
Bromomethane	ug/kg	ND	1120	1010	90	20-176	
Carbon tetrachloride	ug/kg	ND	1120	1260	112	65-140	
Chlorobenzene	ug/kg	ND	1120	1300	116	70-130	
Chloroethane	ug/kg	ND	1120	525	47	10-130	
Chloroform	ug/kg	ND	1120	1210	108	63-130	
Chloromethane	ug/kg	ND	1120	1500	134	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1120	1350	121	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1120	1280	114	67-130	
Dibromochloromethane	ug/kg	ND	1120	1250	112	67-130	
Dibromomethane	ug/kg	ND	1120	1200	107	63-131	
Dichlorodifluoromethane	ug/kg	ND	1120	1390	124	44-180	
Diisopropyl ether	ug/kg	ND	1120	1330	119	63-130	
Ethylbenzene	ug/kg	ND	1120	1310	117	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1120	1340	119	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1120	1390	124	69-135	
m&p-Xylene	ug/kg	ND	2230	2790	125	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1120	1220	109	65-130	
Methylene Chloride	ug/kg	ND	1120	1400	125	61-130	
n-Butylbenzene	ug/kg	ND	1120	1280	114	65-140	
n-Propylbenzene	ug/kg	ND	1120	1340	120	67-140	
Naphthalene	ug/kg	23.7	1120	1300	114	15-145	
o-Xylene	ug/kg	ND	1120	1350	120	66-133	
p-Isopropyltoluene	ug/kg	ND	1120	1320	118	56-147	
sec-Butylbenzene	ug/kg	ND	1120	1320	118	65-139	
Styrene	ug/kg	ND	1120	1390	124	70-132	
tert-Butylbenzene	ug/kg	ND	1120	1300	116	62-135	
Tetrachloroethene	ug/kg	ND	1120	1260	113	70-135	
Toluene	ug/kg	ND	1120	1330	119	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1120	1350	121	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1120	1250	112	62-130	
Trichloroethene	ug/kg	ND	1120	1260	113	70-135	
Trichlorofluoromethane	ug/kg	ND	1120	462	41	10-130	
Vinyl acetate	ug/kg	ND	2230	2870	128	53-130	
Vinyl chloride	ug/kg	ND	1120	1340	120	61-148	
Xylene (Total)	ug/kg	ND	3370	4140	123	63-132	
1,2-Dichloroethane-d4 (S)	%				128	70-130	
4-Bromofluorobenzene (S)	%				106	69-134	
Toluene-d8 (S)	%				101	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3224078

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	76.1	75.3	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	37.6J	35.7J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	365J	382J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	746J	857		30	
Benzene	ug/kg	95.7	102	6	30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	63.5	66.1	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	35.0J	30.9J		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3224078

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	158	176	11	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	1980	2170	9	30	
o-Xylene	ug/kg	58.6	68.6	16	30	
p-Isopropyltoluene	ug/kg	ND	21.4J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	100	109	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	216	245	12	30	
1,2-Dichloroethane-d4 (S)	%	110	110			
4-Bromofluorobenzene (S)	%	107	109			
Toluene-d8 (S)	%	103	101			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612777
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952012

METHOD BLANK: 3225522 Matrix: Solid
Associated Lab Samples: 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/09/21 15:49	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/09/21 15:49	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/09/21 15:49	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/09/21 15:49	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/09/21 15:49	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/09/21 15:49	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/09/21 15:49	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/09/21 15:49	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/09/21 15:49	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/09/21 15:49	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/09/21 15:49	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/09/21 15:49	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/09/21 15:49	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 15:49	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 15:49	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/09/21 15:49	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
2-Hexanone	ug/kg	ND	50.0	4.8	04/09/21 15:49	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/09/21 15:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/09/21 15:49	
Acetone	ug/kg	ND	100	32.1	04/09/21 15:49	
Benzene	ug/kg	ND	5.0	2.0	04/09/21 15:49	
Bromobenzene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/09/21 15:49	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Bromoform	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Bromomethane	ug/kg	ND	10.0	7.9	04/09/21 15:49	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/09/21 15:49	
Chloroethane	ug/kg	ND	10.0	3.9	04/09/21 15:49	
Chloroform	ug/kg	ND	5.0	3.0	04/09/21 15:49	
Chloromethane	ug/kg	ND	10.0	4.2	04/09/21 15:49	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/09/21 15:49	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3225522 Matrix: Solid
Associated Lab Samples: 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/09/21 15:49	
Dibromomethane	ug/kg	ND	5.0	1.1	04/09/21 15:49	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/09/21 15:49	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/09/21 15:49	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/09/21 15:49	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/09/21 15:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/09/21 15:49	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/09/21 15:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/09/21 15:49	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/09/21 15:49	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Naphthalene	ug/kg	ND	5.0	2.6	04/09/21 15:49	
o-Xylene	ug/kg	ND	5.0	2.2	04/09/21 15:49	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/09/21 15:49	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/09/21 15:49	
Styrene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
Toluene	ug/kg	ND	5.0	1.4	04/09/21 15:49	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
Trichloroethene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/09/21 15:49	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/09/21 15:49	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/09/21 15:49	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/09/21 15:49	
1,2-Dichloroethane-d4 (S)	%	109	70-130		04/09/21 15:49	
4-Bromofluorobenzene (S)	%	108	69-134		04/09/21 15:49	
Toluene-d8 (S)	%	100	70-130		04/09/21 15:49	

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1170	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1240	99	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethene	ug/kg	1250	1270	102	70-130	
1,1-Dichloropropene	ug/kg	1250	1210	97	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1180	94	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1240	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	93	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
1,2-Dichloroethane	ug/kg	1250	1220	98	63-130	
1,2-Dichloropropane	ug/kg	1250	1280	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
1,3-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
2,2-Dichloropropane	ug/kg	1250	1160	93	66-130	
2-Butanone (MEK)	ug/kg	2500	2800	112	70-130	
2-Chlorotoluene	ug/kg	1250	1260	101	70-130	
2-Hexanone	ug/kg	2500	2840	113	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2690	108	70-130	
Acetone	ug/kg	2500	2750	110	69-130	
Benzene	ug/kg	1250	1230	98	70-130	
Bromobenzene	ug/kg	1250	1190	96	70-130	
Bromochloromethane	ug/kg	1250	1200	96	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1190	95	70-130	
Bromomethane	ug/kg	1250	1160	92	52-130	
Carbon tetrachloride	ug/kg	1250	1180	94	70-130	
Chlorobenzene	ug/kg	1250	1180	94	70-130	
Chloroethane	ug/kg	1250	1300	104	65-130	
Chloroform	ug/kg	1250	1130	91	70-130	
Chloromethane	ug/kg	1250	1230	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1280	103	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1230	99	70-130	
Dibromomethane	ug/kg	1250	1160	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1190	95	45-156	
Diisopropyl ether	ug/kg	1250	1260	101	70-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2490	100	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1190	95	70-130	
Methylene Chloride	ug/kg	1250	1340	107	65-130	
n-Butylbenzene	ug/kg	1250	1200	96	67-130	
n-Propylbenzene	ug/kg	1250	1220	98	70-130	
Naphthalene	ug/kg	1250	1180	95	70-130	
o-Xylene	ug/kg	1250	1230	98	70-130	
p-Isopropyltoluene	ug/kg	1250	1180	95	67-130	
sec-Butylbenzene	ug/kg	1250	1150	92	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1140	91	67-130	
Tetrachloroethene	ug/kg	1250	1140	91	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1130	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1090	87	70-130	
Vinyl acetate	ug/kg	2500	2990	119	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3225525

Parameter	Units	92532317002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	696	826	119	70-131	
1,1,1-Trichloroethane	ug/kg	ND	696	842	121	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	696	814	117	66-130	
1,1,2-Trichloroethane	ug/kg	ND	696	839	120	66-133	
1,1-Dichloroethane	ug/kg	ND	696	809	116	65-130	
1,1-Dichloroethene	ug/kg	ND	696	871	125	10-158	
1,1-Dichloropropene	ug/kg	ND	696	892	128	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	696	850	122	27-138	
1,2,3-Trichloropropane	ug/kg	ND	696	812	117	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	696	843	121	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	696	890	128	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	696	697	100	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	696	844	121	70-130	
1,2-Dichlorobenzene	ug/kg	ND	696	819	118	69-130	
1,2-Dichloroethane	ug/kg	ND	696	866	124	59-130	
1,2-Dichloropropane	ug/kg	ND	696	912	131	70-130	M1
1,3,5-Trimethylbenzene	ug/kg	ND	696	911	131	65-137	
1,3-Dichlorobenzene	ug/kg	ND	696	811	116	70-130	
1,3-Dichloropropane	ug/kg	ND	696	897	129	70-130	
1,4-Dichlorobenzene	ug/kg	ND	696	831	119	68-130	
2,2-Dichloropropane	ug/kg	ND	696	764	110	32-130	
2-Butanone (MEK)	ug/kg	ND	1390	1710	123	10-136	
2-Chlorotoluene	ug/kg	ND	696	912	131	69-141	
2-Hexanone	ug/kg	ND	1390	1790	128	10-144	
4-Chlorotoluene	ug/kg	ND	696	882	127	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1390	1790	128	25-143	
Acetone	ug/kg	ND	1390	1400	98	10-130	
Benzene	ug/kg	ND	696	885	127	67-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3225525

Parameter	Units	92532317002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	696	833	120	70-130	
Bromochloromethane	ug/kg	ND	696	748	107	69-134	
Bromodichloromethane	ug/kg	ND	696	822	118	64-130	
Bromoform	ug/kg	ND	696	756	109	62-130	
Bromomethane	ug/kg	ND	696	580	83	20-176	
Carbon tetrachloride	ug/kg	ND	696	832	119	65-140	
Chlorobenzene	ug/kg	ND	696	849	122	70-130	
Chloroethane	ug/kg	ND	696	340	49	10-130	
Chloroform	ug/kg	ND	696	739	106	63-130	
Chloromethane	ug/kg	ND	696	1010	145	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	696	850	122	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	696	860	123	67-130	
Dibromochloromethane	ug/kg	ND	696	798	115	67-130	
Dibromomethane	ug/kg	ND	696	762	109	63-131	
Dichlorodifluoromethane	ug/kg	ND	696	930	134	44-180	
Diisopropyl ether	ug/kg	ND	696	859	123	63-130	
Ethylbenzene	ug/kg	ND	696	867	124	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	696	950	136	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	696	932	134	69-135	
m&p-Xylene	ug/kg	ND	1390	1870	134	60-133	M1
Methyl-tert-butyl ether	ug/kg	ND	696	796	114	65-130	
Methylene Chloride	ug/kg	ND	696	862	124	61-130	
n-Butylbenzene	ug/kg	ND	696	916	131	65-140	
n-Propylbenzene	ug/kg	ND	696	913	131	67-140	
Naphthalene	ug/kg	ND	696	789	113	15-145	
o-Xylene	ug/kg	ND	696	901	129	66-133	
p-Isopropyltoluene	ug/kg	ND	696	905	130	56-147	
sec-Butylbenzene	ug/kg	ND	696	891	128	65-139	
Styrene	ug/kg	ND	696	907	130	70-132	
tert-Butylbenzene	ug/kg	ND	696	879	126	62-135	
Tetrachloroethene	ug/kg	ND	696	875	126	70-135	
Toluene	ug/kg	ND	696	871	125	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	696	893	128	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	696	831	119	62-130	
Trichloroethene	ug/kg	ND	696	829	119	70-135	
Trichlorofluoromethane	ug/kg	ND	696	309	44	10-130	
Vinyl acetate	ug/kg	ND	1390	1930	139	53-130	M1
Vinyl chloride	ug/kg	ND	696	895	128	61-148	
Xylene (Total)	ug/kg	ND	2090	2770	133	63-132	MS
1,2-Dichloroethane-d4 (S)	%				129	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				102	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225524

Parameter	Units	92532317001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225524

Parameter	Units	92532317001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	111	109			
4-Bromofluorobenzene (S)	%	108	107			
Toluene-d8 (S)	%	102	101			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612942
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952011, 92531952012

METHOD BLANK: 3226320 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952011, 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.5	11.9	04/12/21 13:29	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.5	12.5	04/12/21 13:29	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.5	11.4	04/12/21 13:29	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.5	6.1	04/12/21 13:29	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.5	8.1	04/12/21 13:29	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.5	6.1	04/12/21 13:29	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.5	7.8	04/12/21 13:29	
Decachlorobiphenyl (S)	%	88	10-160		04/12/21 13:29	

LABORATORY CONTROL SAMPLE: 3226321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	168	165	98	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	168	165	98	47-139	
Decachlorobiphenyl (S)	%			93	10-160	

MATRIX SPIKE SAMPLE: 3226322

Parameter	Units	92531592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	1180	1080	91	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	1180	1380	95	10-142	
Decachlorobiphenyl (S)	%				78	10-160	D3

SAMPLE DUPLICATE: 3226323

Parameter	Units	92531952004 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	69	71			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613371
QC Batch Method: EPA 3546
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952008, 92531952009, 92531952010, 92531952013

METHOD BLANK: 3228311 Matrix: Solid
Associated Lab Samples: 92531952008, 92531952009, 92531952010, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.9	12.0	04/14/21 12:33	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.9	12.7	04/14/21 12:33	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.9	11.5	04/14/21 12:33	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.9	6.2	04/14/21 12:33	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.9	8.2	04/14/21 12:33	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.9	6.2	04/14/21 12:33	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.9	7.9	04/14/21 12:33	
Decachlorobiphenyl (S)	%	165	10-160		04/14/21 12:33	S3

LABORATORY CONTROL SAMPLE: 3228312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	129	78	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	166	148	89	47-139	
Decachlorobiphenyl (S)	%			156	10-160	

MATRIX SPIKE SAMPLE: 3228313

Parameter	Units	92531952008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	249	131	53	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	249	160	64	10-142	
Decachlorobiphenyl (S)	%				68	10-160	

SAMPLE DUPLICATE: 3228314

Parameter	Units	92531952010 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	138	107			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612978
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226422 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/12/21 12:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/12/21 12:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/12/21 12:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/12/21 12:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/12/21 12:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/12/21 12:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/12/21 12:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/12/21 12:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/12/21 12:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/12/21 12:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/12/21 12:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/12/21 12:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/12/21 12:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/12/21 12:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/12/21 12:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/12/21 12:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/12/21 12:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/12/21 12:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/12/21 12:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/12/21 12:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/12/21 12:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/12/21 12:56	
Acenaphthene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Acenaphthylene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Aniline	ug/L	ND	10.0	1.6	04/12/21 12:56	
Anthracene	ug/L	ND	10.0	2.3	04/12/21 12:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/12/21 12:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/12/21 12:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/12/21 12:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/12/21 12:56	
Benzoic Acid	ug/L	ND	50.0	3.4	04/12/21 12:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/12/21 12:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/12/21 12:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/12/21 12:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/12/21 12:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/12/21 12:56	
Chrysene	ug/L	ND	10.0	2.8	04/12/21 12:56	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3226422 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/12/21 12:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/12/21 12:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/12/21 12:56	
Dibenzofuran	ug/L	ND	10.0	2.1	04/12/21 12:56	
Diethylphthalate	ug/L	ND	10.0	2.0	04/12/21 12:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/12/21 12:56	
Fluoranthene	ug/L	ND	10.0	2.2	04/12/21 12:56	
Fluorene	ug/L	ND	10.0	2.1	04/12/21 12:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/12/21 12:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/12/21 12:56	
Hexachloroethane	ug/L	ND	10.0	1.4	04/12/21 12:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/12/21 12:56	
Isophorone	ug/L	ND	10.0	1.7	04/12/21 12:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/12/21 12:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/12/21 12:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/12/21 12:56	
Nitrobenzene	ug/L	ND	10.0	1.9	04/12/21 12:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/12/21 12:56	
Phenanthrene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Phenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
Pyrene	ug/L	ND	10.0	2.2	04/12/21 12:56	
2,4,6-Tribromophenol (S)	%	106	10-144		04/12/21 12:56	
2-Fluorobiphenyl (S)	%	89	10-130		04/12/21 12:56	
2-Fluorophenol (S)	%	71	10-130		04/12/21 12:56	
Nitrobenzene-d5 (S)	%	98	10-144		04/12/21 12:56	
Phenol-d6 (S)	%	56	10-130		04/12/21 12:56	
Terphenyl-d14 (S)	%	105	34-163		04/12/21 12:56	

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	46.7	93	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	50.0	100	28-130	
2,4,5-Trichlorophenol	ug/L	50	53.3	107	35-130	
2,4,6-Trichlorophenol	ug/L	50	48.5	97	31-130	
2,4-Dichlorophenol	ug/L	50	52.8	106	35-130	
2,4-Dimethylphenol	ug/L	50	53.8	108	34-130	
2,4-Dinitrophenol	ug/L	250	239	95	10-153	
2,4-Dinitrotoluene	ug/L	50	55.2	110	37-136	
2,6-Dinitrotoluene	ug/L	50	55.8	112	33-136	
2-Chloronaphthalene	ug/L	50	44.7	89	26-130	
2-Chlorophenol	ug/L	50	50.2	100	37-130	
2-Methylnaphthalene	ug/L	50	46.6	93	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	48.6	97	35-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	99.8	100	37-130	
2-Nitrophenol	ug/L	50	56.2	112	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	48.0	96	34-130	
3,3'-Dichlorobenzidine	ug/L	100	114	114	34-136	
3-Nitroaniline	ug/L	100	103	103	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	105	105	21-157	
4-Bromophenylphenyl ether	ug/L	50	57.8	116	38-130	
4-Chloro-3-methylphenol	ug/L	100	105	105	37-130	
4-Chloroaniline	ug/L	100	94.3	94	38-130	
4-Chlorophenylphenyl ether	ug/L	50	49.4	99	33-130	
4-Nitroaniline	ug/L	100	108	108	42-137	
4-Nitrophenol	ug/L	250	169	68	10-130	
Acenaphthene	ug/L	50	48.7	97	33-130	
Acenaphthylene	ug/L	50	49.4	99	35-130	
Aniline	ug/L	50	42.7	85	22-130	
Anthracene	ug/L	50	53.1	106	48-130	
Benzo(a)anthracene	ug/L	50	54.9	110	48-137	
Benzo(b)fluoranthene	ug/L	50	51.9	104	52-138	
Benzo(g,h,i)perylene	ug/L	50	62.2	124	48-140	
Benzo(k)fluoranthene	ug/L	50	52.5	105	48-139	
Benzoic Acid	ug/L	250	183	73	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	52.9	106	34-130	
bis(2-Chloroethyl) ether	ug/L	50	56.4	113	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	62.3	125	32-165	
Butylbenzylphthalate	ug/L	50	62.1	124	34-161	
Chrysene	ug/L	50	53.8	108	47-131	
Di-n-butylphthalate	ug/L	50	58.7	117	39-144	
Di-n-octylphthalate	ug/L	50	58.8	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	62.6	125	49-138	
Dibenzofuran	ug/L	50	49.9	100	33-130	
Diethylphthalate	ug/L	50	54.1	108	38-131	
Dimethylphthalate	ug/L	50	51.2	102	37-130	
Fluoranthene	ug/L	50	55.5	111	46-137	
Fluorene	ug/L	50	51.4	103	37-130	
Hexachlorobenzene	ug/L	50	50.3	101	38-130	
Hexachlorocyclopentadiene	ug/L	50	33.4	67	10-130	
Hexachloroethane	ug/L	50	36.2	72	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	63.1	126	41-130	
Isophorone	ug/L	50	52.1	104	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	54.0	108	36-130	
N-Nitrosodimethylamine	ug/L	50	46.6	93	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.3	103	37-130	
Nitrobenzene	ug/L	50	51.8	104	36-130	
Pentachlorophenol	ug/L	100	100	100	23-149	
Phenanthrene	ug/L	50	51.9	104	44-130	
Phenol	ug/L	50	36.8	74	18-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	54.8	110	47-134	
2,4,6-Tribromophenol (S)	%			117	10-144	
2-Fluorobiphenyl (S)	%			87	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			100	10-144	
Phenol-d6 (S)	%			61	10-130	
Terphenyl-d14 (S)	%			86	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226424 3226425

Parameter	Units	92528912009 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	23.2	23.7	46	47	10-130	2	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	24.7	25.7	49	51	12-142	4	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	19.9	12.7	40	25	10-143	44	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	10.0	4.5J	20	9	10-147		30	M1
2,4-Dichlorophenol	ug/L	ND	50	50	21.1	16.6	42	33	10-138	24	30	
2,4-Dimethylphenol	ug/L	ND	50	50	24.2	25.3	48	51	25-130	4	30	
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	0	0	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	30.9	31.7	62	63	29-148	3	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	26.6	28.7	53	57	26-146	8	30	
2-Chloronaphthalene	ug/L	ND	50	50	24.3	24.1	49	48	11-130	1	30	
2-Chlorophenol	ug/L	ND	50	50	21.5	17.6	43	35	10-133	20	30	
2-Methylnaphthalene	ug/L	ND	50	50	23.0	24.0	46	48	13-130	4	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	23.7	24.6	47	49	20-130	3	30	
2-Nitroaniline	ug/L	ND	100	100	37.8	43.1	38	43	24-136	13	30	
2-Nitrophenol	ug/L	ND	50	50	22.4	16.9	45	34	10-153	28	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	24.6	25.1	46	47	16-130	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	23.4	28.7	23	29	10-153	20	30	
3-Nitroaniline	ug/L	ND	100	100	22.2	29.1	22	29	22-151	27	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	6.5J	ND	7	2	10-180		30	M1
4-Bromophenylphenyl ether	ug/L	ND	50	50	30.5	31.3	61	63	25-130	2	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	51.8	57.9	52	58	25-133	11	30	
4-Chloroaniline	ug/L	ND	100	100	39.4	43.7	39	44	14-132	10	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	25.8	26.3	52	53	19-130	2	30	
4-Nitroaniline	ug/L	ND	100	100	14.6J	23.5	15	24	29-150		30	M1
4-Nitrophenol	ug/L	ND	250	250	8.4J	ND	3	0	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	25.9	26.2	52	52	16-130	1	30	
Acenaphthylene	ug/L	ND	50	50	25.5	25.8	51	52	15-137	1	30	
Aniline	ug/L	ND	50	50	20.7	21.7	41	43	10-130	5	30	
Anthracene	ug/L	ND	50	50	35.2	34.5	70	69	37-136	2	30	
Benzo(a)anthracene	ug/L	ND	50	50	45.3	45.5	91	91	40-145	0	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	43.7	42.0	87	84	39-151	4	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	54.4	49.1	109	98	40-147	10	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226424 3226425

Parameter	Units	92528912009 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	42.4	42.4	85	85	40-146	0	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	51.8	55.4	52	55	25-130	7	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	25.9	27.3	52	55	23-130	5	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	28.6	30.0	57	60	25-130	5	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	47.6	48.9	95	98	28-166	3	30	
Butylbenzylphthalate	ug/L	ND	50	50	49.0	51.1	98	102	33-165	4	30	
Chrysene	ug/L	ND	50	50	45.4	44.5	91	89	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	50	50	44.9	45.0	90	90	32-153	0	30	
Di-n-octylphthalate	ug/L	ND	50	50	47.3	46.9	95	94	30-175	1	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	52.0	48.8	104	98	39-148	6	30	
Dibenzofuran	ug/L	ND	50	50	26.3	26.7	53	53	20-130	2	30	
Diethylphthalate	ug/L	ND	50	50	28.3	29.9	57	60	28-142	5	30	
Dimethylphthalate	ug/L	ND	50	50	24.7	26.8	49	54	26-136	8	30	
Fluoranthene	ug/L	ND	50	50	44.8	45.3	90	91	39-143	1	30	
Fluorene	ug/L	ND	50	50	26.7	28.1	53	56	24-132	5	30	
Hexachlorobenzene	ug/L	ND	50	50	28.2	28.7	56	57	29-130	2	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	15.3	14.8	31	30	10-130	3	30	
Hexachloroethane	ug/L	ND	50	50	16.4	17.1	33	34	10-130	4	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	52.3	49.7	105	99	39-148	5	30	
Isophorone	ug/L	ND	50	50	24.8	25.9	50	52	23-130	5	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	27.0	28.3	54	57	25-130	5	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	24.4	25.0	49	50	22-130	2	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	31.9	31.5	64	63	26-134	1	30	
Nitrobenzene	ug/L	ND	50	50	33.1	32.5	66	65	25-130	2	30	
Pentachlorophenol	ug/L	ND	100	100	ND	ND	2	0	10-175		30	M1
Phenanthrene	ug/L	ND	50	50	33.6	34.0	67	68	36-133	1	30	
Phenol	ug/L	ND	50	50	18.0	16.5	36	33	10-130	9	30	
Pyrene	ug/L	ND	50	50	44.7	46.5	89	93	40-143	4	30	
2,4,6-Tribromophenol (S)	%						43	22	10-144			
2-Fluorobiphenyl (S)	%						47	46	10-130			
2-Fluorophenol (S)	%						26	16	10-130			
Nitrobenzene-d5 (S)	%						53	54	10-144			
Phenol-d6 (S)	%						30	28	10-130			
Terphenyl-d14 (S)	%						73	77	34-163			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613018
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012

METHOD BLANK: 3226544 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/13/21 06:33	
2-Fluorobiphenyl (S)	%	64	31-130		04/13/21 06:33	
Nitrobenzene-d5 (S)	%	59	32-130		04/13/21 06:33	
Terphenyl-d14 (S)	%	54	24-130		04/13/21 06:33	

LABORATORY CONTROL SAMPLE: 3226545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.8	23.0	68	44-130	
2-Fluorobiphenyl (S)	%			75	31-130	
Nitrobenzene-d5 (S)	%			70	32-130	
Terphenyl-d14 (S)	%			64	24-130	

MATRIX SPIKE SAMPLE: 3226546

Parameter	Units	92531845001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	ND	43.3	19.1	44	10-130	
2-Fluorobiphenyl (S)	%				55	31-130	
Nitrobenzene-d5 (S)	%				51	32-130	
Terphenyl-d14 (S)	%				48	24-130	

SAMPLE DUPLICATE: 3226547

Parameter	Units	92531845002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	52	57			
Nitrobenzene-d5 (S)	%	53	60			
Terphenyl-d14 (S)	%	44	49			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613380
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952007, 92531952013

METHOD BLANK: 3228351 Matrix: Solid
Associated Lab Samples: 92531952007, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/14/21 11:41	
2-Fluorobiphenyl (S)	%	66	31-130		04/14/21 11:41	
Nitrobenzene-d5 (S)	%	71	32-130		04/14/21 11:41	
Terphenyl-d14 (S)	%	62	24-130		04/14/21 11:41	

LABORATORY CONTROL SAMPLE: 3228352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.1	24.3	73	44-130	
2-Fluorobiphenyl (S)	%			77	31-130	
Nitrobenzene-d5 (S)	%			79	32-130	
Terphenyl-d14 (S)	%			71	24-130	

MATRIX SPIKE SAMPLE: 3228353

Parameter	Units	92532317001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	1.5J	40.6	20.0	46	10-130	
2-Fluorobiphenyl (S)	%				79	31-130	
Nitrobenzene-d5 (S)	%				82	32-130	
Terphenyl-d14 (S)	%				59	24-130	

SAMPLE DUPLICATE: 3228354

Parameter	Units	92532317002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	69	65			
Nitrobenzene-d5 (S)	%	72	68			
Terphenyl-d14 (S)	%	56	52			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612821
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

METHOD BLANK: 3225852 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/13/21 13:45	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/13/21 13:45	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/13/21 13:45	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/13/21 13:45	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/13/21 13:45	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/13/21 13:45	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/13/21 13:45	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/13/21 13:45	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/13/21 13:45	
2-Chloronaphthalene	ug/kg	ND	326	129	04/13/21 13:45	
2-Chlorophenol	ug/kg	ND	326	122	04/13/21 13:45	
2-Methylnaphthalene	ug/kg	ND	326	130	04/13/21 13:45	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/13/21 13:45	
2-Nitroaniline	ug/kg	ND	1630	266	04/13/21 13:45	
2-Nitrophenol	ug/kg	ND	326	141	04/13/21 13:45	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/13/21 13:45	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/13/21 13:45	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/13/21 13:45	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/13/21 13:45	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/13/21 13:45	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/13/21 13:45	
4-Chloroaniline	ug/kg	ND	651	256	04/13/21 13:45	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/13/21 13:45	
4-Nitroaniline	ug/kg	ND	651	248	04/13/21 13:45	
4-Nitrophenol	ug/kg	ND	1630	630	04/13/21 13:45	
Acenaphthene	ug/kg	ND	326	114	04/13/21 13:45	
Acenaphthylene	ug/kg	ND	326	114	04/13/21 13:45	
Aniline	ug/kg	ND	326	127	04/13/21 13:45	
Anthracene	ug/kg	ND	326	107	04/13/21 13:45	
Benzo(a)anthracene	ug/kg	ND	326	109	04/13/21 13:45	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/13/21 13:45	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/13/21 13:45	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/13/21 13:45	
Benzoic Acid	ug/kg	ND	1630	700	04/13/21 13:45	
Benzyl alcohol	ug/kg	ND	651	247	04/13/21 13:45	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/13/21 13:45	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/13/21 13:45	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/13/21 13:45	
Butylbenzylphthalate	ug/kg	ND	326	137	04/13/21 13:45	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

METHOD BLANK: 3225852 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/13/21 13:45	
Di-n-butylphthalate	ug/kg	ND	326	110	04/13/21 13:45	
Di-n-octylphthalate	ug/kg	ND	326	128	04/13/21 13:45	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/13/21 13:45	
Dibenzofuran	ug/kg	ND	326	117	04/13/21 13:45	
Diethylphthalate	ug/kg	ND	326	119	04/13/21 13:45	
Dimethylphthalate	ug/kg	ND	326	118	04/13/21 13:45	
Fluoranthene	ug/kg	ND	326	112	04/13/21 13:45	
Fluorene	ug/kg	ND	326	114	04/13/21 13:45	
Hexachlorobenzene	ug/kg	ND	326	127	04/13/21 13:45	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/13/21 13:45	
Hexachloroethane	ug/kg	ND	326	124	04/13/21 13:45	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/13/21 13:45	
Isophorone	ug/kg	ND	326	145	04/13/21 13:45	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/13/21 13:45	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/13/21 13:45	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/13/21 13:45	
Nitrobenzene	ug/kg	ND	326	151	04/13/21 13:45	
Pentachlorophenol	ug/kg	ND	651	319	04/13/21 13:45	
Phenanthrene	ug/kg	ND	326	107	04/13/21 13:45	
Phenol	ug/kg	ND	326	145	04/13/21 13:45	
Pyrene	ug/kg	ND	326	132	04/13/21 13:45	
Pyridine	ug/kg	ND	326	103	04/13/21 13:45	
2,4,6-Tribromophenol (S)	%	83	18-130		04/13/21 13:45	
2-Fluorobiphenyl (S)	%	72	19-130		04/13/21 13:45	
2-Fluorophenol (S)	%	65	18-130		04/13/21 13:45	
Nitrobenzene-d5 (S)	%	73	21-130		04/13/21 13:45	
Phenol-d6 (S)	%	72	18-130		04/13/21 13:45	
Terphenyl-d14 (S)	%	70	15-130		04/13/21 13:45	

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1670	1440	86	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1310	79	38-130	
2,4,5-Trichlorophenol	ug/kg	1670	1400	84	49-130	
2,4,6-Trichlorophenol	ug/kg	1670	1450	87	50-130	
2,4-Dichlorophenol	ug/kg	1670	1510	91	51-130	
2,4-Dimethylphenol	ug/kg	1670	1520	91	53-130	
2,4-Dinitrophenol	ug/kg	8330	4530	54	39-130	
2,4-Dinitrotoluene	ug/kg	1670	1550	93	53-130	
2,6-Dinitrotoluene	ug/kg	1670	1440	86	55-130	
2-Chloronaphthalene	ug/kg	1670	1380	83	48-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1670	1440	86	54-130	
2-Methylnaphthalene	ug/kg	1670	1400	84	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1570	94	50-130	
2-Nitroaniline	ug/kg	3330	2690	81	49-130	
2-Nitrophenol	ug/kg	1670	1400	84	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1570	94	50-130	
3,3'-Dichlorobenzidine	ug/kg	3330	2760	83	47-130	IL
3-Nitroaniline	ug/kg	3330	2670	80	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2030	61	50-142	
4-Bromophenylphenyl ether	ug/kg	1670	1440	86	55-130	
4-Chloro-3-methylphenol	ug/kg	3330	3100	93	52-130	
4-Chloroaniline	ug/kg	3330	2740	82	49-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1500	90	53-130	
4-Nitroaniline	ug/kg	3330	2760	83	51-130	
4-Nitrophenol	ug/kg	8330	8090	97	40-130	
Acenaphthene	ug/kg	1670	1420	85	56-130	
Acenaphthylene	ug/kg	1670	1400	84	58-130	
Aniline	ug/kg	1670	1300	78	44-130	
Anthracene	ug/kg	1670	1480	89	60-130	
Benzo(a)anthracene	ug/kg	1670	1500	90	59-130	
Benzo(b)fluoranthene	ug/kg	1670	1610	97	54-130	
Benzo(g,h,i)perylene	ug/kg	1670	1330	80	59-130	
Benzo(k)fluoranthene	ug/kg	1670	1610	97	54-130	
Benzoic Acid	ug/kg	8330	4950	59	19-130	
Benzyl alcohol	ug/kg	3330	3050	92	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1410	85	55-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1500	90	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1330	80	58-130	
Butylbenzylphthalate	ug/kg	1670	1320	79	46-138	
Chrysene	ug/kg	1670	1470	88	57-130	
Di-n-butylphthalate	ug/kg	1670	1400	84	57-130	
Di-n-octylphthalate	ug/kg	1670	1420	85	57-130	
Dibenz(a,h)anthracene	ug/kg	1670	1420	85	60-130	
Dibenzofuran	ug/kg	1670	1510	91	54-130	
Diethylphthalate	ug/kg	1670	1450	87	55-130	
Dimethylphthalate	ug/kg	1670	1410	84	57-130	
Fluoranthene	ug/kg	1670	1630	98	57-130	
Fluorene	ug/kg	1670	1490	89	56-130	
Hexachlorobenzene	ug/kg	1670	1500	90	53-130	
Hexachlorocyclopentadiene	ug/kg	1670	791	47	23-130	
Hexachloroethane	ug/kg	1670	1390	84	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1360	82	61-130	
Isophorone	ug/kg	1670	1380	83	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1580	95	52-130	
N-Nitrosodimethylamine	ug/kg	1670	1290	77	45-130	
N-Nitrosodiphenylamine	ug/kg	1670	1350	81	56-130	
Nitrobenzene	ug/kg	1670	1400	84	50-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3330	3050	92	33-130	
Phenanthrene	ug/kg	1670	1460	88	60-130	
Phenol	ug/kg	1670	1610	97	54-130	
Pyrene	ug/kg	1670	1430	86	61-130	
Pyridine	ug/kg	1670	977	59	35-130	
2,4,6-Tribromophenol (S)	%			95	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			85	18-130	
Nitrobenzene-d5 (S)	%			82	21-130	
Phenol-d6 (S)	%			90	18-130	
Terphenyl-d14 (S)	%			71	15-130	

MATRIX SPIKE SAMPLE: 3225854

Parameter	Units	92530886009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1950	1690	77	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1950	1170	60	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1950	1860	95	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1950	1740	89	23-130	
2,4-Dichlorophenol	ug/kg	ND	1950	1640	84	29-130	
2,4-Dimethylphenol	ug/kg	ND	1950	1700	87	13-130	
2,4-Dinitrophenol	ug/kg	ND	9780	8030	82	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1950	2010	103	28-130	v1
2,6-Dinitrotoluene	ug/kg	ND	1950	1800	92	36-130	
2-Chloronaphthalene	ug/kg	ND	1950	1560	80	27-130	
2-Chlorophenol	ug/kg	ND	1950	1260	64	29-130	
2-Methylnaphthalene	ug/kg	ND	1950	1740	78	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1950	1400	72	20-130	
2-Nitroaniline	ug/kg	ND	3910	3480	89	29-130	
2-Nitrophenol	ug/kg	ND	1950	1550	79	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1950	1490	76	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3910	3440	88	15-130	IL
3-Nitroaniline	ug/kg	ND	3910	3470	89	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3910	3210	82	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1950	1610	82	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3910	3580	91	30-130	
4-Chloroaniline	ug/kg	ND	3910	2920	75	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1950	1770	91	32-130	
4-Nitroaniline	ug/kg	ND	3910	3800	97	30-130	v1
4-Nitrophenol	ug/kg	ND	9780	11200	114	17-130	
Acenaphthene	ug/kg	ND	1950	1680	86	29-130	
Acenaphthylene	ug/kg	ND	1950	1650	84	31-130	
Aniline	ug/kg	ND	1950	1090	55	10-130	
Anthracene	ug/kg	ND	1950	1760	90	33-130	
Benzo(a)anthracene	ug/kg	ND	1950	1750	89	32-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3225854

Parameter	Units	92530886009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	1950	1800	92	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1950	1480	76	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1950	1830	94	31-130	
Benzoic Acid	ug/kg	ND	9780	6940	71	10-130	
Benzyl alcohol	ug/kg	ND	3910	2840	73	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1950	1460	74	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1950	1350	69	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1950	1540	79	40-130	
Butylbenzylphthalate	ug/kg	ND	1950	1440	74	40-130	
Chrysene	ug/kg	ND	1950	1720	88	30-130	
Di-n-butylphthalate	ug/kg	ND	1950	1640	84	41-130	
Di-n-octylphthalate	ug/kg	ND	1950	1720	88	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1950	1580	81	27-130	
Dibenzofuran	ug/kg	ND	1950	1750	89	32-130	
Diethylphthalate	ug/kg	ND	1950	1810	92	40-130	
Dimethylphthalate	ug/kg	ND	1950	1760	90	37-130	
Fluoranthene	ug/kg	ND	1950	1940	99	26-130	
Fluorene	ug/kg	ND	1950	1830	94	31-130	
Hexachlorobenzene	ug/kg	ND	1950	1740	89	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1950	882	45	10-130	v3
Hexachloroethane	ug/kg	ND	1950	1170	60	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1950	1560	79	28-130	
Isophorone	ug/kg	ND	1950	1600	82	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1950	1540	79	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1950	1040	53	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1950	1860	95	32-130	
Nitrobenzene	ug/kg	ND	1950	1400	72	25-130	
Pentachlorophenol	ug/kg	ND	3910	3690	94	10-130	
Phenanthrene	ug/kg	ND	1950	1910	91	34-130	
Phenol	ug/kg	ND	1950	1470	75	14-130	
Pyrene	ug/kg	ND	1950	1500	77	31-130	
Pyridine	ug/kg	ND	1950	187J	10	10-130	
2,4,6-Tribromophenol (S)	%				94	18-130	
2-Fluorobiphenyl (S)	%				70	19-130	
2-Fluorophenol (S)	%				60	18-130	
Nitrobenzene-d5 (S)	%				70	21-130	
Phenol-d6 (S)	%				66	18-130	
Terphenyl-d14 (S)	%				54	15-130	

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	v1
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	v1
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	v2

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	137J		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	78	73			
2-Fluorobiphenyl (S)	%	53	50			
2-Fluorophenol (S)	%	71	56			
Nitrobenzene-d5 (S)	%	83	61			
Phenol-d6 (S)	%	78	60			
Terphenyl-d14 (S)	%	32	32			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612981
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: 92531952014

METHOD BLANK: 3226437 Matrix: Water
Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/12/21 13:58	
2-Fluorobiphenyl (S)	%	166	61-163		04/12/21 13:58	S3
Nitrobenzene-d5 (S)	%	135	67-170		04/12/21 13:58	
Terphenyl-d14 (S)	%	134	62-169		04/12/21 13:58	

LABORATORY CONTROL SAMPLE: 3226438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.9	75	70-130	
2-Fluorobiphenyl (S)	%			141	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			103	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226439 3226440

Parameter	Units	92531521003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	1.7	1.6	70	65	50-165	7	30	
2-Fluorobiphenyl (S)	%						118	125	61-163			
Nitrobenzene-d5 (S)	%						99	97	67-170			
Terphenyl-d14 (S)	%						95	91	62-169			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612432
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

SAMPLE DUPLICATE: 3223750

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	68.0	69.0	1	25	N2

SAMPLE DUPLICATE: 3223751

Parameter	Units	92531973007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.0	4	25	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
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.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531952001	**DA4-SB-13A (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952002	**DA4-SB-13A (5-6)**	EPA 3546	612942	EPA 8082A	613094
92531952003	**DA4-SB-13B (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952004	**DA4-SB-13B (2-2.5)**	EPA 3546	612942	EPA 8082A	613094
92531952005	**RI-SB-37 (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952006	**RI-SB-37 (2-2.5)**	EPA 3546	612942	EPA 8082A	613094
92531952007	**RI-SB-38 (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952008	**RI-SB-38 (2-2.5)**	EPA 3546	613371	EPA 8082A	613628
92531952009	**RI-SB-39 (0-0.6)**	EPA 3546	613371	EPA 8082A	613628
92531952010	**RI-SB-39 (2-2.5)**	EPA 3546	613371	EPA 8082A	613628
92531952011	**FD-3**	EPA 3546	612942	EPA 8082A	613094
92531952012	**DA4-SB-13 (0-0.6)**	EPA 3546	612942	EPA 8082A	613094
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 3546	613371	EPA 8082A	613628
92531952014	**EB-3**	EPA 3510C	612978	EPA 8270E	613104
92531952001	**DA4-SB-13A (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952002	**DA4-SB-13A (5-6)**	EPA 3546	613018	EPA 8270E	613271
92531952003	**DA4-SB-13B (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952004	**DA4-SB-13B (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952005	**RI-SB-37 (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952006	**RI-SB-37 (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952007	**RI-SB-38 (0-0.6)**	EPA 3546	613380	EPA 8270E	613642
92531952008	**RI-SB-38 (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952009	**RI-SB-39 (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952010	**RI-SB-39 (2-2.5)**	EPA 3546	613018	EPA 8270E	613271
92531952011	**FD-3**	EPA 3546	613018	EPA 8270E	613271
92531952012	**DA4-SB-13 (0-0.6)**	EPA 3546	613018	EPA 8270E	613271
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 3546	613380	EPA 8270E	613642
92531952001	**DA4-SB-13A (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952002	**DA4-SB-13A (5-6)**	EPA 3546	612821	EPA 8270E	612985
92531952003	**DA4-SB-13B (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952004	**DA4-SB-13B (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952005	**RI-SB-37 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952006	**RI-SB-37 (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952007	**RI-SB-38 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952008	**RI-SB-38 (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952009	**RI-SB-39 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952010	**RI-SB-39 (2-2.5)**	EPA 3546	612821	EPA 8270E	612985
92531952011	**FD-3**	EPA 3546	612821	EPA 8270E	612985
92531952012	**DA4-SB-13 (0-0.6)**	EPA 3546	612821	EPA 8270E	612985
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 3546	612821	EPA 8270E	612985
92531952014	**EB-3**	EPA 3511	612981	EPA 8270E by SIM	613090
92531952014	**EB-3**	EPA 8260D	613057		
92531952015	**TRIP BLANK**	EPA 8260D	612349		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531952001	**DA4-SB-13A (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952002	**DA4-SB-13A (5-6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952003	**DA4-SB-13B (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952004	**DA4-SB-13B (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952005	**RI-SB-37 (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952006	**RI-SB-37 (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952007	**RI-SB-38 (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952008	**RI-SB-38 (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952009	**RI-SB-39 (0-0.6)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952010	**RI-SB-39 (2-2.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952011	**FD-3**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952012	**DA4-SB-13 (0-0.6)**	EPA 5035A/5030B	612777	EPA 8260D	612809
92531952013	**DA4-SB-13 (6.5-7.5)**	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952001	**DA4-SB-13A (0-0.6)**	SW-846	612432		
92531952002	**DA4-SB-13A (5-6)**	SW-846	612432		
92531952003	**DA4-SB-13B (0-0.6)**	SW-846	612432		
92531952004	**DA4-SB-13B (2-2.5)**	SW-846	612432		
92531952005	**RI-SB-37 (0-0.6)**	SW-846	612432		
92531952006	**RI-SB-37 (2-2.5)**	SW-846	612432		
92531952007	**RI-SB-38 (0-0.6)**	SW-846	612432		
92531952008	**RI-SB-38 (2-2.5)**	SW-846	612432		
92531952009	**RI-SB-39 (0-0.6)**	SW-846	612432		
92531952010	**RI-SB-39 (2-2.5)**	SW-846	612432		
92531952011	**FD-3**	SW-846	612432		
92531952012	**DA4-SB-13 (0-0.6)**	SW-846	612432		
92531952013	**DA4-SB-13 (6.5-7.5)**	SW-846	612432		

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Synterra

Project #: WO# : 92531952

92531952

Courier: ☐ Commercial ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Date/Initials Person Examining Contents: 4/8/21 HJ

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 92T064 **Type of Ice:** ☒ Wet ☐ Blue ☐ None

Cooler Temp: 4.1, 4.5 **Correction Factor:** Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1, 4.5

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☒ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☒ No	☐ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT/SL				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # 1/2

WO# : 92531952

PM: KLH1 Due Date: 04/15/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1									2													3							
2									2													3							
3									2													3							
4									2													3							
5									2													3							
6									2													3							
7									2													3							
8									2													3							
9									2													3							
10									2													3							
11									2													3							
12																3										2			

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # 2/2

WO# : 92531952

PM: KLH1 Due Date: 04/15/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																2													
2									2													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 DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Synterra	Report To: Tom King	Attention:
Address: 148 River Street	Copy To: Heather Smith	Company Name:
Suite 220, Greenville, SC 29601		Address:
Email To: tking@synterracorp.com	Purchase Order #:	Pace Quote:
Phone: Fax:	Project Name: Former Bramlette MGP	Pace Project Manager: Kevin Herring
Requested Due Date: STANDARD TAT	Project Number: 00.2731.00.04	Pace Profile #: 7754

Regulatory Agency
State / Location
SC

MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	START TIME	END DATE	END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270 & 8270 LV	8082	Trip Blank									Residual Chlorine (Y/N)	
1	DA4-SB-13A_SE_0-0.6_20210406	SL	C	4/6/2021	0830	--	--		5	3						2			X	X	X											
2	DA4-SB-13A_SE_5-6_20210406	SL	C	4/6/2021	0900	--	--		5	3						2			X	X	X											
3	DA4-SB-13B_SE_0-0.6_20210406	SL	C	4/6/2021	0915	--	--		5	3						2			X	X	X											
4	DA4-SB-13B_SE_2-2.5_20210406	SL	C	4/6/2021	0945	--	--		5	3						2			X	X	X											
5	RI-SB-37_SE_0-0.6_20210406	SL	C	4/6/2021	1045	--	--		5	3						2			X	X	X											
6	RI-SB-37_SE_2-2.5_20210406	SL	C	4/6/2021	1115	--	--		5	3						2			X	X	X											
7	RI-SB-38_SE_0-0.6_20210406	SL	C	4/6/2021	1050	--	--		5	3						2			X	X	X											
8	RI-SB-38_SE_2-2.5_20210406	SL	C	4/6/2021	1350	--	--		5	3						2			X	X	X											
9	RI-SB-39_SE_0-0.6_20210406	SL	C	4/6/2021	1100	--	--		5	3						2			X	X	X											
10	RI-SB-39_SE_2-2.5_20210406	SL	C	4/6/2021	1450	--	--		5	3						2			X	X	X											
11	FD-3_SE_20210406	SL	C	4/6/2021	0930	--	--		5	3						2			X	X	X											
12	EB-3_WQ_20210406	WT	G	4/6/2021	1515	--	--		5	2			3						X	X											✓	

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Ca, Mg, Fe, Mn + Hardness	SynTerra Cold Stoage	3/5/21	1700	Tom King / [signature]	3/7/21	1000				
	Tom King / [signature]	3/7/21	1415	PACE [illegible]	3/8/21	800	4.5	Y	N	Y
							TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: [signature]

DATE Signed: 3/7/21

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 2 Of 2

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River Street	Copy To:	Heather Smith	Company Name:	
	Suite 220, Greenville, SC 29601			Address:	
Email To:	tking@synterracorp.com	Purchase Order #:		Pace Quote:	
Phone:	Fax:	Project Name:	Former Bramlette MGP	Pace Project Manager:	Kevin Herring
Requested Due Date:	STANDARD TAT	Project Number:	00.2731.00.04	Pace Profile #:	7754

Regulatory Agency

State / Location

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260	8270	8082	TIRP BLANK	Residual Chlorine (Y/N)
1	TRIP BLANK	WT	G	--	--	--	--		2	2												X	
2	DA4-SB-13-SE-0-0.6-20210405	SL	C	4/5/21	1600	—	—		5	3						2			X	X	X		
3	DA4-SB-13-SE-6.5-7.5-20210405	SL	C	4/5/21	1620	—	—		5	3						2			X	X	X		
4																							
5																							
6																							
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11																							
12																							

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Tom King /	3/5/21	1700	SynTerra Cold Storage	3/5/21	1700				
	SynTerra Cold Storage	3/7/21	1000	Tom King /	3/7/21	1000				
	Tom King /	3/7/21	1140	/ Pace	4.7.21	1140				
	/ Pace	4.7.21	1415	~~PACE~~	4/8/21	800	4.1 4.5	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: / DATE Signed: 4/7/21

ATTACHMENT B

BORING LOGS

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-50S**
PROJECT NO:	00.2731.00	STARTED: 3/22/21	COMPLETED: 3/23/21
DRILLING COMPANY:	Geologic Exploration	NORTHING: 1103085.9805	EASTING: 1574808.7567
DRILLING METHOD:	Hollow Stem Augers	G.S. ELEV: Not Available ft	M.P. ELEV: 926.99 ft
BOREHOLE DIAMETER:	6 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BGS
NOTES:		LOGGED BY: T. Grant	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)	WELL CONSTRUCTION
			Sandy SILT, dark brown, some roots and gravel (topsoil), moist					Flush mount surface completion; Grout (bentonite cement); 2" Sch. 40 PVC riser
			Silty CLAY, lean, some fine sand, brown, micaceous, moist to wet					Bentonite seal
5								0.010 slot, 2-inch, Sch. 40 PVC well screen
10								Silica sand filter pack (#2 Sand)
15			Fine silty SAND, dark yellowish brown and pale brown, micaceous, wet					
20								Bentonite backfill
25								
			Silty SAND, some highly weathered and oxidized biotite gravel (saprolite), dark brown and reddish brown, micaceous, wet					
30			Bottom of boring at 30 feet bgs					
35								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**MW-50TZ**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING: 1103075.7294	EASTING: 1574811.0391
DRILLING METHOD:	Hollow Stem Augers	G.S. ELEV: Not Available ft	M.P. ELEV: 925.81 ft
BOREHOLE DIAMETER:	6 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 34.0 ft BGS
NOTES:		LOGGED BY: T. King	CHECKED BY: T. Grant

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (%)	BLOW COUNTS	PID (ppm)
		Sandy SILT, dark brown, some roots and gravel (topsoil), moist				
		Silty CLAY, lean, some fine sand, brown, micaceous, moist to wet				
5						
10						
15		Fine Silty SAND, dark yellowish brown and pale brown, micaceous, wet				
20						
25						
		Silty SAND, some highly weathered and oxidized biotite gravel (saprolite), dark brown and reddish brown, micaceous, wet				
30		Granite gneiss, highly fractured, orange iron staining on fractures				
		Bottom of boring at 34 feet bgs				
35						

WELL CONSTRUCTION

- Flush mount surface completion
- 2" Sch. 40 PVC riser
- Grout (bentonite cement)
- Bentonite seal
- Silica sand filter pack (#2 Sand)
- 0.010 slot, 2-inch, Sch. 40 PVC well screen

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-1**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. Grant	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	SM	SILT; Sandy, dark brown, cohesive, non-plastic, organic matter					▽
	CL	CLAY; Gray, lean, low to medium plasticity, fine sand increasing with depth, more micaceous with depth.		2.0			
5	SW SM	SAND; Gray, white and black, coarse sand, trace gravel, non-cohesive, alluvial gravel increase with depth. SILT; Sandy, light gray to dark gray to black, sand fine, cohesive, non-plastic, some relict foliation, heavy mica.		4.5			
10							
15							
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-1A**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. Grant	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		CL	CLAY; Lean, silty, dark brown, reddish orange mottling, organic matter and wood debris.					▽
		CL	CLAY; Lean, dark gray and pale brown, low to medium plasticity, micaceous, trace roots.		5.0			
5								
10								
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-1B**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. Grant	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL	CLAY; Lean, silty, dark brown, low plasticity, organic matter and roots.		5.0			▽
		CL SW	CLAY; Lean, gray, reddish orange mottling along infiltration pathways, low to medium plasticity, micaceous. SAND; Gray to light gray, well graded, fine to coarse grained, trace rounded alluvial gravel, non-cohesive.					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-2**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. Grant	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		CL	CLAY; Lean, silty dark brown and dark gray, low to medium plasticity, red mottling, organic matter.				2-4	▽
		CL	1-1.5' bls - Lens of moderately weathered coal tar, dark gray to black, slight odor		3.7			
5		SW SW SM	CLAY; Lean, gray, grading to clayey fine sand, medium plasticity non-cohesive, micaceous. SAND; Well graded, gray to pale brown, non-cohesive, micaceous, sand more coarse with depth, trace alluvial gravel.					
10			SAND; Fine, silty, black gray to white, biotite, moderate relict structure and foliation, non-cohesive.		4.0			
15								
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25								
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40								
45								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-3**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. Grant	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	SM	SAND; Silty, dark brown, non-cohesive, organic matter, trace roots.		2.0			
	OH CL	TAR; Dark gray to black slightly weathered, strong odor, slight sheen, sticky, wood debris interlayered with clinker, coarse sand texture and little natural sediment, trace gravel sized coal.					
5	SW SW SM	CLAY; Lean, silty, dark gray, low plasticity, micaceous. SAND; Coarse, trace gravel, gray and light gray, noncohesive, biotite, lenses of red iron-stained clay coatings, rounded alluvial gravel increasing with depth.		3.5			
10		SAPROLITE; Silt, sandy (fine), black, cohesive, non-plastic, highly micaceous, weathered biotite.					
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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-3A**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			CLAY, lean, silty; Dark brown; low plasticity; trace roots and organic matter					▽
			CLAY, lean; Pale brown and yellow red, medium plasticity, trace roots		2.4			
5			CLAY, lean; Dark gray; mediium plasticity; micaceous Bottom of boring 5' bls					

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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-3B**
PROJECT NO:	00.2731.00	STARTED: 4/1/21	COMPLETED: 4/1/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY, lean, silty; Dark brown; low plasticity; roots common; red mottling		4.0			▽
		CL	CLAY, lean; Pale brown and gray grading to dark gray; low to medium plasticity; slightly micaceous; layer of decayig organic matter at 3 Ft. bgs					
5		SC	SAND, clayey; Gray; non cohesive; sand is mostly fine grained Bottom of boring 5' bls					
10								
15								
20								
25								
30								
35								
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-4**
PROJECT NO:	00.2731.00	STARTED: 3/23/21	COMPLETED: 3/23/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	ML	SILT, sandy; Dark brownish gray; sand is fine grained; organic matter prevalent; low plasticity; cohesive		2.5		1-3.5	▽
	OL	COAL TAR; Dark gray to black; slightly weatherd coal tar with sand sized and few gravel sized coal pieces; slag; PID indicated 1-3.5 ppm					
	CL	CLAY, lean, silty; Dark gray; some fine san; micaceous; cohesive; medium plasticity					
5	ML	SAND; Dark yellowish brown and pale brown; poorly graded; coarse sand; quartz and biotite grains prevalent; non cohesive		4.0			
	SW	SAPROLITE; SILT, sandy; Pale brown, red, pale yellow, and dark gray; sand is fine grained; relic structure, few biotite gravel; micaceous; cohesive; low plasticity					
10		Bottom of boring 10' bls					
15							
20							
25							
30							
35							
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-4A**
PROJECT NO:	00.2731.00	STARTED: 3/23/21	COMPLETED: 3/23/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; cohesive; low plasticity; trace roots		2.0			▽
		CL	CLAY, lean, sandy; Dark gray; cohesive; low to medium plasticity; sand is fine to coarse grained; micaceous					
5		SW	SAND; pale yellowish brown; well graded sand; non cohesive; micaceous Bottom of boring 5' bls					
10								
15								
20								
25								
30								
35								
40								
45								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-4B**
PROJECT NO:	00.2731.00	STARTED: 3/23/21	COMPLETED: 3/23/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark gray and dark brown; sand is fine grained; cohesive; low plasticity; some silty lean clay; cohesive; medium plasticity; micaceous; trace roots		2.0			▽
5		SP	SAND; Dark yellowish brown and pale brown; poorly graded coarse sand; quartz and biotite grains prevalent; non cohesive		2.0			
			Bottom of boring 8' bls					
10								
15								
20								
25								
30								
35								
40								
45								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-5**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	ML	SILT, sandy; Dark brown to dark gray; cohesive; low plasticity; organic matter prevalent; sand is mostly fine grained				4-10	▽
	PT	COAL TAR; Dark gray and black; slightly weathered coal tar with pebble and gravel sized coal pieces; slag intermingled; PID indicates 4-10 ppm		2.0			
	SM						
5	SM	SAND, silty; Gray; micaceous; non cohesive; trace organic matter; sand is fine grained					
	CL						
	ML						
	SP	SAND, silty; same as above with some intermixed slag material and tar like resins; PID indicated 3-4 ppm					
	SM						
10		CLAY, lean, silty; Dark gray; cohesive; medium plasticity; micaceous		4.5			
		SAND; Dark yellowish brown and pale brown; poorly graded coarse sand; non cohesive; biotite mica prevalent					
		SAPROLITE; SAND, silty; Brown, reddish brown, light gray and black; relic structure; cohesive; low plasticity					
15		Bottom of boring 10' bls					
20							
25							
30							
35							
40							
45							

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-5A**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CH	CLAY, fat; Reddish brown; organic matter in upper 6 inches; cohesive; high plasticity; gray vertical mottling		3.5			▽
5		CL	CLAY, lean, silty; Dark gray; cohesive; medium plasticity; micaceous					
		SW	SAND; pale yellow, red, and pale brown; well graded sand; becomes coarser and increasing gravel with depth; rounded alluvial pebble and gravel; some iron stained clay		5.0			
10		SM	coatings (7-7.5); non cohesive SAPROLITE; SAND, silty, with gravel; Dark reddish brown and yellowish brown; some relic structure; non cohesive Bottom of boring 10' bls					
15								
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-5B**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CH	CLAY, fat; Reddish brown; organic matter in upper 4 inches; cohesive; high plasticity; gray mottling of prefferential flow paths		3.5			▽
5		CL	CLAY, slightly lean; Dark gray; cohesive; medium plasticity; micaceous					
		SC	SAND with clay; Pale brown and dark yellowish brown; well graded; red clay coatings on most sand particles; non cohesive					
10		SM	SAPROLITE SAND, silty, with gravel; White, pale red and light gray; some relic structure; kaolinitic; non cohesive Bottom of boring 10' bls		3.0			
15								
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25								
30								
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40								
45								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-6**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; cohesive; low plasticity; organic matter prevalent				0..8 - 3	▽
		PT	COAL TAR and clinker; Black and dark gray; slightly weathered; clinker is sand to gravel sized; some large gravel sized coal; PID indicates 0.8-3 ppm; slight sheen on coal tar		3.0			
5		CL	CLAY, lean, sandy; Dark gray; cohesive; medium plasticity; micaceous					
		SP	SAND; Light gray grading to pale brown, yellowish brown and red; poorly graded; sand is coarse grained; quartz and biotite prevalent; non cohesive; iron stained clay coatings and rounded pebbles increase with depth		3.5			
10		ML	SAPROLITE; SILT, sandy; Dark brown, black, red and light gray; some relic structure; cohesive; low plasticity; biotite prevalent					
			Bottom of boring 10' bls					
15								
20								
25								
30								
35								
40								
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148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-6A**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML CH	CLAY, lean, silty; Dark brown, red iron stained mottling; trace roots and organic matter; cohesive; medium plasticity		3.0			▽
		SP SC	CLAY, fat, with sand; Dark gray, medium to high plasticity; micaceous; increasing sand with depth					
5			SAND; Light gray and pale yellowish brown; poorly graded; coarse sand; with several lenses of gray; micaceous lean clay Bottom of boring 5' bls					
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Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-6B**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML CH	CLAY, lean, silty; Reddish brown, cohesive; low plasticity; organic matter prevalent; gray vertical mottling CLAY, fat; Gray to dark gray; high plasticity; micaceous; dark organic layer from 3 to 3.5 Ft. BGS		2.5			▽
5		SW SC	SAND; Light gray and white; well graded; some gray lean clay coatings; non cohesive; biotite prevalent; coarse sand increases with depth Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-7**
PROJECT NO:	00.2731.00	STARTED: 3/24/21	COMPLETED: 3/24/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy, coal tar; Dark gray; prevalent organic matter mixed with moderately weathered coal tar; dnese; hard; few pebble sized coal; PID indicates <0.2 ppm				<0.2	
		PT	COAL TAR and clinker; Black; slightly weathered; sheen; intermixed with layers of clinker and coal refuse; common small to large gravel sized coal; PID indicates 5-8 ppm		2.0			
5		CL	CLAY, sandy; Dark to light gray; medium to low plasticity; sand increases with depth; micaceous				5-8	
		SW	SAND; Yellow brown, red, and pale brown; well graded; increasing particle size with depth; some rounded pebbles; iron stained clay coatings in few lenses		3.5			
10		ML	SAPROLITE SILT, sandy with gravel; Brown, gray and white; cohesive; low plasticity; some relic structure; gravel composed of quartz and biotite					
15			Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-7A**
PROJECT NO:	00.2731.00	STARTED: 3/25/21	COMPLETED: 3/25/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		CH	CLAY, fat; Pale brown; high plasticity; red iron stained streaks; some organic matter					▽
		CH	CLAY, fat; Dark gray; high plasticity; micaceous; some red mottling		3.0			
5		CL	CLAY, lean; Gray; micaceous; medium plasticity					
		SW	SAND; Red and pale brown; well graded; sand is fine to coarse; rounded alluvial pebble and gravel increasing with depth					
10		ML	SAPROLITE; SILT, sandy, with gravel; Dark brown; cohesive; low plasticity; some relic structure; quartz gravel Bottom of boring 10' bls		3.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-7B**
PROJECT NO:	00.2731.00	STARTED: 3/25/21	COMPLETED: 3/25/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY, lean, silty; Brown to dark gray; cohesive; low plasticity; organic matter prevalent; few roots					▽
		CH	CLAY, fat; Gray and light red; high plasticity; streaks of red, oxidized iron mottling; slightly micaceous; highly weathered organic matter and woody debris from 4.5-5 Ft. BGS		2.0			
5		CL	CLAY, lean, sandy; Dark gray; cohesive; low to medium plasticity; micaceous; few wood chunks					
		SW	SAND; Yellowish red, pale brown and gray; well graded; non cohesive; iron stained clay coatings prevalent; zone of dark red heavy iron staining at 9 Ft. BGS		4.5			
10			Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-8**
PROJECT NO:	00.2731.00	STARTED: 3/29/21	COMPLETED: 3/29/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	SM	SAND, silty; Dark brown; non-cohesive; organic matter prevalent				0	▽
	PT	CLINKER/ SLAG; Dark gray and black; coarse sand to gravel texture; little to no odor; PID does not indicate volatiles; frequent pebble to gravel sized coal chunks		1.7			
5	CL	CLAY, lean, sandy; Gray; cohesive; low plasticity; micaceous; few bands of iron stained particulates					
	SW	SAND; Gray to reddish brown; well graded; non cohesive; some rounded alluvial pebbles; iron stained clay coatings from 8.5 - 9 Ft. BGS		3.8			
10	SM	SAND, silty; Pale brown, dark brown, red and black; fine grained; cohesive; non plastic; some relic structure; micaceous Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-8A**
PROJECT NO:	00.2731.00	STARTED: 3/29/21	COMPLETED: 3/29/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY, lean, silty; Brown grading to dark red; medium plasticity; organic matter and roots prevalent		2.2			▽
		CL ML	CLAY, lean, silty; Dark gray ; organic matter prevalent; medium plasticity; grading to pale brown and gray fine sandy lean clay; low plasticity; micaceous					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-8B**
PROJECT NO:	00.2731.00	STARTED: 3/29/21	COMPLETED: 3/29/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; cohesive; non plastic; organic matter prevalent					▽
		CL ML	CLAY, lean, silty; Pale browm grading to gray; low to medium plasticity; micaceous; iron stained nodules; increasing with depth		2.3			
5		SPG	SAND, with gravel; Yellowish red; poorly graded; coarse; alluvial pebbles; iron stained clay coatings present; Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-9**
PROJECT NO:	00.2731.00	STARTED: 3/29/21	COMPLETED: 3/29/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Brown and reddish brown; cohesive; non plastic; organic matter and roots prevalent				0.8	▽
		PT	SLAG/ CLINKER; Black, dark gray, and dark red; zones of coal and wood debris coated with coal tar; slight odor; PID readings up to 0.8 ppm		3.0			
		SW						
5		PT	SAND; Light gray and dark gray; reworked; some quartz and schist gravel; non cohesive					
		ML	CLINKER and silty SAND; Dark brown and black; coal chunks; some decaying roots					
		ML	SILT, sandy; Dark gray to light gray; sand is fine grading to coarse grained; some quartz gravel toward bottom; slight relic schist structure		4.0			
10			SILT, sandy; Pale brown and red; fine grained; cohesive; non plastic; micaceous; some relic structure					
			Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-10**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organic matter; prevalent; cohesive; non plastic; iron stained nodules common				0.2	▽
		PT	CLINKER/ SLAG; Dark gray and reddish brown; infrequesnt coal and glass pieces; coarse sand to gravel texture; no odor; slightly weathered coal tar at 4 Ft. BGS; slight odor; PID readings of 0.2 ppm; slight sheen		1.5			
5		CL	CLAY, lean; Dark gray; medium plasticity; micaceous; fine sand increasing with depth					
		SPG	SAND with gravel; Yellowish red to pale brown; poorly graded; rounded alluvial pebble and gravel present; iron stained clay coatings		5.0			
10		SM	SAPROLITE; SAND, silty with gravel; Brown, light red and black; non cohesive; some relic structure; quartz and biotite gravel common					
15			Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-10A**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL	CLAY, lean, silty;					▽
		ML	Dark brown to pale reddish brown; roots p					
		CL	CLAY, lean, silty;		4.0			
		ML	Dark brownish gray; low plasticity; decayed organic matter; micaceous					
		CL	CLAY, lean;					
5			Light gray and pale reddish brown grading to gray; low to medium plasticity; increasing silt content with depth and becomes more micaceous with depth					
			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-10B**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; cohesive; non plastic; organic matter prevalent; few gravel sized clinker; black and dark reddish brown; weathered; no odor; slightly pyritic				0	▽
		CL	CLAY, lean, with sand; Pale brown to gray; low to medium plasticity; micaceous; sand is fine grained		1.5			
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-11**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Brown; cohesive; non plastic; organic matter prevalent; trace roots; few pieces of coal and clinker					
		PT	CLINKER; Interlayered dark reddish brown and gray; coarse sand to gravel sized texture; raw coal; slag; other debris; no odor; and dark gray to black, moderately weathered coal tar; dense; slight odor; PID reading 0.2 ppm; slight sheen		2.2			
5		CL	CLAY, lean; Gray; medium plasticity; micaceous; fine sand increasing with depth				0.2	
		SPG	SAND; Gray, pale brown, and light red; poorly graded; grading to coarse sand with gravel; gray and reddish brown; non cohesive; rounded alluvial pebbles; micaceous		5.0			
10		SM	SAPROLITE; SAND, silty; Gray and pale brown; relic foliation; non cohesive Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-11A**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY, lean, silty; Brown; low plasticity; organic matter and roots prevalent					▽
		CL	CLAY, lean, with sand; Gray and pale brown; low to medium plasticity; trace roots		2.2			
5		SW	SAND with gravel; Gray, white and yellowish red; well graded; sand is coarse grained; common alluvial pebbles		2.8			
10			Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-11B**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Brown; organic matter prevalent; cohesive; non plastic; trace roots		2.5			▽
5		CL	CLAY, lean; Gray; low to medium plasticity; micaceous					
		SW	SAND with gravel; Gray pale brown and red; well graded; grain size increases with depth		5.0			
10		SM	SAPROLITE; SAND, silty; Gray and pale brown; non cohesive; some relic structure; micaceous Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-12**
PROJECT NO:	00.2731.00	STARTED: 3/30/21	COMPLETED: 3/30/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	ML	SILT, sandy; Brown; cohesive; non plastic; organic matter prevalent					
	PT	CLINKER, COAL TAR; Dark gray and reddish brown; coarse sand to gravel sized; few pieces of raw coal underlain by black slightly weathered coal tar; slight odor and sheen; PID reading 0.1-0.2 ppm; slightly dense		2.2		0.1 - 0.2	
5	SC	SAND, clayey; Gray; cohesive at times; highly micaceous; sand content increasing with depth					
	ML	SAPROLITE; SILT, sandy; Gray, white and reddish brown; cohesive; non plastic; some relic structure; some biotite and quartz gravel Bottom of boring 10' bls		4.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13**
PROJECT NO:	00.2731.00	STARTED: 4/5/21	COMPLETED: 4/5/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy, clinker; Darl brown to black; coarse sand to gravel sized coal/ clinkerl slag; non cohesive; slight odor				3.6	
		CL ML	CLAY, silty; Blue gray with orange mottling; high plasticity; tar blebs; interlayerd to 6.5' BGS; strong odor					
5		CL	CLAY, sandy; Blue gray; micaceous; medium plasticity; no apparent odors					
		SW	SAND; Gray; medium to coarse grained; non cohesive					
		SM	SAPROLITE; SAND, silty; Black and white; highly weathered; quartz crystals intact					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A**
PROJECT NO:	00.2731.00	STARTED: 4/6/21	COMPLETED: 4/6/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
	PT	COAL TAR; Black and dark gray; slightly to moderately weathered; some clinker material; little taffy like tar; weathered material; no odor		2.5		0	▽
	CH	CLAY, fat; Dark brown; high plasticity; trace roots					
5	CL	CLAY, lean; Gray and pale brown; low to medium plasticity; micaceous; few tar blebs from 4-5 Ft. BGS					
	SPG	SAND with GRAVEL; Dark gray; poorly graded; increasing coarseness and rounded alluvial gravel with depth; non cohesive					
	SM	SAPROLITE; SAND, silty; Dark gray; black and white; non cohesive; some relic structure; biotite prevalent		4.0			
10		Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W110**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	110 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY; silty; Dark brown and gray; lean; roots and organic material					▽
		CL	CLAY, lean; Pale brown, medium plasticity Bottom of boring 3' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W115**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	115 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		CL ML	CLAY; silty; Dark brown and gray; lean; organic matter present					▽
		CL	CLAY, lean; Gray and pale brown; reddish brown mottling; some dark organic staining; trace roots					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W120**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	120 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY; silty; Dark brown; lean; organic matter and roots					▽
		CL	CLAY, lean; Gray, low to medium plasticity Bottom of boring 3' bls					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W15**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 4.0 ft BLS
NOTES:	15 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		SM	SILT, sandy; Brown; organic matter; roots					
			COAL, clinker, coal tar; Coarse textured; clinker material; coal tar; taffy like, strong odor, common woody debris					
		CL	CLAY, lean; Gray, medium plasticity					
5			Bottom of boring 4' bls					
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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W25**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	25 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY, silty; Dark brown, organic matter prevalent					
		PT	COAL TAR; Black; slightly weathered coal tar; strong odor; taffy like; woody debris					
5		CL	CLAY, lean; Gray; low to medium plasticity Bottom of boring 5' bls					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W35**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	35 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		PT	COAL TAR; Organics; Black; slightly weathered; strong odor; taffy like					
5			Bottom of boring 5' bls					
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PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W5**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	5 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		SM	Organic material SAND, silty; intermixed with slightly weathered coal tar, taffy like, strong odor, sheen					
		CL	CLAY, lean; Gray; medium plasticity; micaceous					
5			Bottom of boring 5' bls					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W55**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	55 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		PT	COAL TAR; Organic material; Black; slightly weathered; strong odor; taffy like; woody debris					
5			Bottom of boring 5' bls					

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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13A-W95**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	95 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		PT	COAL TAR; Organic matter; Black; slightly weathered; strong odor; taffy like; some clinker material intermixed, pockets of molasses like fresh tar at 3 Ft. BGS; similar to material observed at MW-6A					▽
5		CL	CLAY, lean; Gray; medium plasticity; with tar pockets Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13B**
PROJECT NO:	00.2731.00	STARTED: 4/6/21	COMPLETED: 4/6/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 10.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organic matter present; some clinker and weathered coal tar; hard; no odor; few coal pieces				0	▽
		CH	CLAY, fat; Dark brown; high plasticity; trace roots		2.6			
5		CL	CLAY, lean; Gray with some pale brown mottling; low to medium plasticity; some fine sand at depth; micaceous					
		SW	SAND with GRAVEL; Gray; well graded; non cohesive; sand coarseness and rounded alluvial gravel increasing with depth					
10		SM	SAPROLITE SAND, silty; Dark gray, black and white; non cohesive; some relic structure; biotite; feldspar prevalent; Bottom of boring 10' bls		4.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13B-E20**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	20 Ft. East of DA4-SB-13B	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY; silty; Brown, organic matter prevalent					▽
		CL	CLAY, lean; Gray and pale brown; low to medium plasticity, slightly micaceous					
5			Bottom of boring 4' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13B-E5**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	5 Ft. East of DA4-SB-13B	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL	CLAY, lean, silty; Dark brown; some clinker and coal; odor absent; no evidence of tar					▽
		CL	CLAY, lean; Gray amd pale brown; medium plasticity					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-13-W75**
PROJECT NO:	00.2731.00	STARTED: 4/2/21	COMPLETED: 4/2/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:	75 Ft. West of DA4-SB-13A	LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		PT	COAL TAR; Organic matter; Black; slightly weathered; strong odor; sheen					▽
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-14**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 6.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; organic matter				87	▽
		PT	COAL TAR; Black; highly weatherd; dense; gummy like; faint odor; grades to slightly weathered coal tar; taffy like; strong odor; PID indicated 25 ppm					
5		CH	CLAY, fat; Dark brown with gray mottling grading to gray; medium to high plasticity; tar blebs; molasses like; strong odor; PID indicates 87 ppm					
		CL	CLAY, lean, sandy; Dark gray; low plasticity; micaceous Bottom of boring 6' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-15**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; organic matter present					
		CH	CLAY, fat; Pale brown with gray mottling grading to gray with pale brown mottling; highly plastic					
5			Bottom of boring 5' bls					
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PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-15-E10**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organics present					▽
		PT	COAL TAR; Highly weathered; gummy; dense; faint odor					
		CH	CLAY, fat; Dark reddish brown to gray; high plasticity; some intermixed coal tar resins to 2 Ft. BGS					
5			Bottom of boring 5' bls					
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PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-15-E20**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; organics					▽
		CL	CLAY, lean; Pale brown to gray; medium plasticity; trace roots					
5			Bottom of boring 5' bls					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-15-NE75**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; dark brown; organic matter					
		PT	CLINKER/ COAL; Coarse sand and gravel sized; frequent large gravel sized coal pieces; some wood pieces					
			CLAY, lean, silty; Gray; medium plasticity; micaceous					
5			Bottom of boring 5' bls					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-16**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organic matter; some clinker					▽
		PT	COAL TAR; moderately weathered; slight odor; taffy like					
		CH	CLAY, fat; Pale brown grading to gray; high plasticity; tar blebs; molasses like tar; sheen; strong odor					
5		CL	CLAY, lean, sandy; Gray; low plasticity; grading to coarse sand; micaceous; faint odor; tar material not apparent					
			Bottom of boring 5' bls					
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PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-17**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; organic; grading to reddish brown fat clay with gray mottling; roots					
		CH	CLAY, fat; Dark reddish brown; decaying organic matter; some highly weathered coal tar; gummy; faint odor			■		
5		CL	CLAY, lean; gray; low to medium plasticity; micaceous Bottom of boring 5' bls					
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Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-18**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		CL	CLAY, lean; Dark brown and reddish brown; low to medium plasticity; roots					▽
		CH	CLAY, fat; Gray with pale brown mottling; high plasticity					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-19**
PROJECT NO:	00.2731.00	STARTED: 4/9/21	COMPLETED: 4/9/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		PT	CLINKER; mixed with silty sand and organic matter; faint odor; possible coal tar coatings					
		CH	CLAY, fat; Light gray with pale reddish brown mottling; some clinker and highly weatherd coal tar; stiff; faint odor					
5		CH	CLAY, fat; Light gray with pale reddish brown mottling; high plasticity Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-19-SW75**
PROJECT NO:	00.2731.00	STARTED: 4/9/21	COMPLETED: 4/9/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 6.5 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; cohesive; low plasticity; organic matter prevalent; some clinker and coal at 1.5 - 2 Ft. BGS					▽
		CL	CLAY, lean; Gray with pale brown mottling; medium plasticity; trace roots					
5		SC	SAND, clayey; Gray; grades to sand with gravel; black coal tar coating; faint odor; slight sheen					
			Bottom of boring 6.5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-19-SW85**
PROJECT NO:	00.2731.00	STARTED: 4/9/21	COMPLETED: 4/9/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			CLAY, lean; Dark reddish brown; medium plasticity; roots					▽
			CLAY, lean; Gray and pale brown; low plasticity; trace roots; becoming micaceous with depth					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-19-W20**
PROJECT NO:	00.2731.00	STARTED: 4/9/21	COMPLETED: 4/9/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 7.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		SM	SAND, silty; Dark brown; organic matter; few clinker				3-16	▽
		PT	COAL TAR; moderate to highly weathered; taffy to stiff consistency; faint to moderate odor; some clinker; some intermixed clay; PID readings 5-16 ppm					
5		CL	CLAY, lean; light gray with pale brown mottling; low to medium plasticity; tar blebs of molasses like coal tar; strong odor					
		CL	CLAY, lean; Gray; medium plasticity, micaceous; some fine sand; moderate odor, PID reading 3 ppm					
10			Bottom of boring 7' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-19-W40**
PROJECT NO:	00.2731.00	STARTED: 4/9/21	COMPLETED: 4/9/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 9.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		SM	SAND, silty; Dark brown; organic matter; clinker material				69	▽
		PT	COAL TAR; SLightly to highly weathered; taffy like to stiff; blebs of molasses like coal tar; sheen; strong odor; PID readings up to 69 ppm; woody debris and organics					
5		CL	CLAY, lean; Gray; medium plasticity; micaceous; blebs of molasses like coal tar; strong odor					
		CL	CLAY, lean, sandy; Gray; poorly graded sand with gravel; Coal tar and sheen present up to 8 Ft. BGS Bottom of boring 9' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-19-W60**
PROJECT NO:	00.2731.00	STARTED: 4/9/21	COMPLETED: 4/9/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 4.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		CL	CLAY, lean, sandy; Reddish brown; low to medium plasticity; trace roots					▽
		CL	CLAY lean; Pale brown; medium plasticity; trace roots					
5			Bottom of boring 4' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-22**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 4.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organics				30 - 100	
		PT	COAL TAR; slightly weathered to fresh; taffy like to molasses like; strong odor; PID >100 ppm					
		CH	CLAY, fat; Dark gray and pale brown; medium to high plasticity; abundant blebs of molasses like coal tar; sheen; strong odor; PID 30 PPM					
5			Bottom of boring 4' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-22-W15**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 4.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organic matter				6-30	▽
		CH	CLAY, fat; Pale brown, dark brown and gray; high plasticity; moderately weathered coal tar along porous pathways; moderate odor; PID 6-30 ppm					
5			Bottom of boring 4' bls					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-23**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Brow; organic matter; clinker and coal					▽
		PT	COAL TAR; slightly weatherd to fresh; taffy like to molasses like; strong odor; sheen					
		CH	CLAY, fat; Dark reddish brown and gray; high plsticity; abundant blebs of molasses like coal tar; molasses like; strong odor					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-24**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 4.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT, sandy; Dark brown; organic matter; trace coal pieces					▽
		CH	CLAY, fat; Dark reddish brown and gray; high plasticity; with some intermixed highly weathered coal tar; slight odor along porous features					
4			Bottom of boring 4' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-25**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; organic matter; trace roots					▽
		CH	CLAY, fat; Dark reddish brown and gray; high plasticity					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA4-SB-26**
PROJECT NO:	00.2731.00	STARTED: 4/13/21	COMPLETED: 4/13/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: NM ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: NA ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Brown; organic matter					▽
		CL	CLAY, lean; Pale brown to gray; medium plasticity; trace roots					
5		SW	SAND; Gray; coarse grained; biotite and quartz prevalent; non cohesive					
			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-13**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	FILL; SILT, sandy, lean clay with sand; Dark yellow browm (10YR 4/6), very dark gray (5Y 3/1), red (2.5YR 5/6), and light gray (N7); moist; organic matter; some gravel; wood debris; micaceous		4.0			
5		SM	FILL; SAND with silt Reddish brown (5YR 4/4); wet; some wood fragments; sand is fine to large grained		3.0			
		CL ML	ALLUVIUM; CLAY, lean, silty; Dark gray (10YR 4/1); wet; little very fine sand					
10			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-14**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	FILL; SILT, sandy, lean clay with sand and gravel Dark yellow brown (10YR 4/6), dark gray (10YR 4/1), light gray (N7), and red (2.5YR 5/6); organic debris; moist to wet		4.0			
5		CL	ALLUVIUM; CLAY, lean, organics and sand; Very dark gray (5Y 3/1); decaying organic matter; transitions to red brown (5YR 4/4); fine grained, micaceous, wet Bottom of boring 8' bls		2.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-15**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	FILL; SILT, sandy, lean clay; Red (2.5YR 5/6), dark gray (10YR 4/1), and dark yellow brown; gravel and woody debris; moist to wet		2.0			
5		CL	ALLUVIUM; CLAY, lean, sand; Reddish brown (5YR 4/4); wet; sand is fine grained; micaceous Bottom of boring 8' bls		1.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-16**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty Red brown (5YR 4/4); moist to wet; few gravel and wood fragments; micaceous		3.0			
5		CL	ALLUVIUM; CLAY, lean, silty Dark gray (10YR 4/1); wet; little very fine sand Bottom of boring 8' bls		2.0			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-17**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty; Brown (7.5YR 5/2) to red (2.5YR 4/8); some lean clay; organic material, some small gravel; moist to wet		2.0			
5		SPG	FILL; SAND, silty with gravel; Red (2.5YR 4/8); lean clay; gravel small to medium; wet Bottom of boring 8' bls		2.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-18**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with some gravel; Brown (7.5YR 5/2) to Red (2.5YR 4/8); moist to wet		2.0			
5		SM	REWORKED FILL; SILT, sandy; Red (2.5YR 4/8) light red (5R 6/6) and dark gray (10YR 4/1); some residual structure; dense; biotite prevalent Bottom of boring 8' bls		2.0			
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Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-19**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; Brown (7.5YR 5/2); sandy SILT; woody debris; moist; organics		1.5			
			Core loss					
5		SM	FILL; Red (2.5YR 4/8); silty SAND with gravel; coatings of lean clay; gravel small to medium; wet		3.0			
			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-20**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel; Red brown (5YR 4/4); moist to wet; some wood fragments; thin lenses of darker sandy lean clay		3.0			
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			Bottom of boring 8' bls		1.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-21**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty; Dark yelow brown (10YR 4/6) and red (2.5YR 5/16); moist; some gravel and woody debris		3.5			
5		CL ML	ALLUVIUM; CLAY, lean, silty; Dark gray (10YR 4/1); wet; slightly micaceous		2.5			
10			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-22**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel; Dark yellow brown (10YR 4/6), red (2.5YR 5/6), and dark gray (10YR 4/1); moist to wet; significant woody debris from 6 to 7 Ft. BGS		3.0			
5		CL ML	ALLUVIUM; CLAY, lean, silty; Dark gray (10YR 4/1); wet; some very fine sand Bottom of boring 8' bls		1.5			
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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-23**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty; Brown (7.5YR 4/3) and fark gray (10YR 4/1); moist to wet; woody debris; some gravel		2.0			
5		CL ML	ALLUVIUM; CLAY, lean, silty; Dark gray (N4); wet; micaceous Bottom of boring 8' bls		2.0			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-24**
PROJECT NO:	00.2731.00	STARTED: 3/15/21	COMPLETED: 3/15/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel; Dark yellow brown (10YR 4/6); moist to wet; micaceous; some woody debis		4.0			
5		CL ML	ALLUVIUM; CLAY, lean, silty; Dark gray (N4); wet; micaceous; with some black mottling of decayed organics Bottom of boring 8' bls		3.0			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-25**
PROJECT NO:	00.2731.00	STARTED: 3/16/21	COMPLETED: 3/16/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty; Brown (10YR 4/3) to light red brown (2.5YR 6/3); some gravel; micaceous		2.5			
5								
			Bottom of boring 8' bls		2.5			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-26**
PROJECT NO:	00.2731.00	STARTED: 3/16/21	COMPLETED: 3/16/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty; Light red brown (2.5YR 6/3); moist to wet; slightly micaceous; some gravel		2.0			
5		SPG	SLAG/ COAL TAR Sand to gravel sized; odor present Bottom of boring 8' bls		3.0			
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-27**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel; Red (SR 4/6); gravel is small to large micaceous; moist to wet		2.0			
5		SM	FILL; SAND, silty with gravel; Red (SR 4/6); gravel small to large; micaceous; moist to wet; sand and gravel content increasing with depth		2.5		<1	
		CL	CLAY, lean; Dark gray; micaceous; some intermixed coal tar coatings; odor present					
10			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-28**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel Red brown; gravel increasing with depth; moist to wet		4.0			
5		CL	ALLUVIUM; CLAY, lean; Dark gray; wet; micaceous; heavy organic matter; slight odor present at 6.7 - 7 Ft. BGS (possible coal tar); PID (5 ppm) indicated presence of volatiles Bottom of boring 8' bls		2.5		5	
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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-29**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty; Dark brown thermally treated soil; some small zones of slag present; odor and PID indicated volatiles 4" to 12" BGS (8ppm)		4.0		8	
5		SM	FILL; SAND, silty with gravel; Red; wet		2.0		5	
		CL ML	CLAY, lean, silty; Dark gray; micaceous; heavy organic matter and wood. 6.5 - 7 ft BGS PID indicated VOCs present (5 ppm)					
10			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-30**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	FILL; CLAY, silty; Dark brown to black; thermally treated soil		3.0			
		SM	FILL; SAND, silty with lean clay; Red, light brown, and gray; gravelly; moist to wet					
5		CL ML	ALLUVIUM; CLAY, lean,silty; Dark gray; wet; micaceous; heavy organic matter at 6.5 Ft. BGS Bottom of boring 8' bls		2.0			
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-31**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	SM	FILL; SAND, silty with gravel; Brown to red brown; moist; micaceous		3.0		6-20	
	PT	COAL SLAG and spent coal; odor present; 3-4" of woody debris at 2 Ft BGS; PID indicated 6-20 ppm					
	CL ML	FILL; CLAY, silty Gray; layers of wood debris; gravel; bricks; slag present at 6 Ft. BGS		2.0		1	
5	CL ML	CLAY, lean, silty; Dark gray; micaceous; wet; heavy wood debris Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-32**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty, with gravel; dark yellow brown to red; moist to wet; some wood debris; no odor detected; PID reads 1-6 ppm		3.0		1-6	
5		CL	CLAY, lean Dark gray; organics at 6 Ft wet; micaceous; PID reads 0.7 ppm		3.0		0.7	
8			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-33**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel; Brown to red brown; moist to wet; micaceous; increasing sand and gravel with depth		3.0			
5							>1	
		CL	CLAY, lean, sandy: Dark gray; wet; micaceous; woody debris; coal tar resins; odor present; PID indicated 7 ppm		2.5			
10			Bottom of boring 8' bls					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-34**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty, with gravel; Brown to red brown; moist to wet; biotite		2.5			
5							<1	
		CL	CLAY, lean, sandy; Dark gray; some slag with coal tar coating; odor present; PID indicated <1 PPM Bottom of boring 8' bls		2.0			
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-35**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel; Brown to red brown; moist to wet; intermittent lenses of slag with coal tar coatings; slight odor; PID indicated (0.5 - 1.3 ppm) from 0-2 Ft. BGS)		2.5		0.5 - 1.3	
5							<1	
		CL	CLAY, lean; Dark gray; wet; micaceous; slight odor; PID indicated <1 ppm		3.0			
10			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-36**
PROJECT NO:	00.2731.00	STARTED: 3/17/21	COMPLETED: 3/17/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 8.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		SM	FILL; SAND, silty with gravel Heat treated soils; brown to red brown; some spent coal fragments; PID indicated >2 ppm in top 8"; increasing gravel with depth; asphalt and brick around 5 Ft BGS; moist to wet		3.5		>2	
5		CL	CLAY, lean; Dark gray; wet; micaceous; dense; organic matter at 6 Ft. BGS		2.0			
8			Bottom of boring 8' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-37**
PROJECT NO:	00.2731.00	STARTED: 4/6/21	COMPLETED: 4/6/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0	CL ML	SILT, clayey; Dark brown and dark gray; cohesive; low plasticity; organic matter prevalent; common clinker; coal; tar coated coarse sand sized sag; very faint odor		2.0		0	▽
5	CL	CLAY, lean; Gray with some pale brown mottling; low to medium plasticity; micaceous					
10	SW	SAND; Gray and white; well graded; increasing coarseness and rounded alluvial gravel with depth; micaceous		4.4			
15		SAND, silty; Black, dark gray and white; non cohesive; slight purple hue in zones; some relic schistose structure; biotite prevalent Bottom of boring 8' bls		2.8			
20							
25							
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SynTerra
148 River Street, Suite 220
Greenville, South Carolina 29601
Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-38**
PROJECT NO:	00.2731.00	STARTED: 4/6/21	COMPLETED: 4/6/21
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	USCS	DESCRIPTION	RECOV. (FT)
0	ML	SILT sandy; organic matter prevalent; with roots	2.1
5	CL	CLAY, lean; Gray with pale brown mottling; medium plasticity; few thin zones of fine sand; micaceous	
10			5.0
	SW	SAND with GRAVEL; Gray; well gaded; increasing coarseness and rounded alluvial gravel with depth	
	SM	SAPROLITE; SAND, silty; White and gray; some relic structure; biotite prevalent	
15		Bottom of boring 15' bls	5.0
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SAMPLE | VISUAL IMPACTS | PID (ppm) | WELL CONSTRUCTION

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **RI-SB-39**
PROJECT NO: 00.2731.00	STARTED: 4/6/21 COMPLETED: 4/6/21
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: NM ft M.P. ELEV: ft
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 10.0 ft BLS
NOTES:	LOGGED BY: T. King CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		ML	SILT, sandy; Dark brown; organic matter prevalent; roots; decaying wood					▽
		CL	CLAY, lean; Gray with pale brown streaking; low to medium plasticity; micaceous		3.2			
5		SPG	SAND with GRAVEL; Gray; increasig coarseness and rounded alluvial gravel with depth					
		SM	SAPROLITE; SAND, silty; Red, pale yellow and white; relic structure; quartz prevalent; iron staining		4.7			
10			Bottom of boring 10' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-40**
PROJECT NO:	00.2731.00	STARTED: 4/8/21	COMPLETED: 4/8/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL ML	CLAY, silty; Dark brown; organic matter prevalent in upper 0.5 Ft.; frequent clinker material; coal pieces; brick; wood debris					▽
		CH	CLAY, fat; Gray with pale reddish mottling; high plasticity; trace roots					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-41**
PROJECT NO:	00.2731.00	STARTED: 4/8/21	COMPLETED: 4/8/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		CL	CLAY, silty; Dark brown; organic matter; some clinker and coal material					▽
		ML						
		PT						
		CL	CLINKER/ COAL/ SLAG; Mostly large sand to pebble size, some gravel size coal shunks					
5			CLAY, lean; Light gray; low plasticity Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-42**
PROJECT NO:	00.2731.00	STARTED: 4/8/21	COMPLETED: 4/8/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0			SILT with ORGANICS; Dark brown; frequent clinker and coal					
			CLAY, lean, sandy; Gray with reddish orange mottling; fine grained; low to medium plasticity					
5			Bottom of boring 5' bls					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**RI-SB-43**
PROJECT NO:	00.2731.00	STARTED: 4/8/21	COMPLETED: 4/8/21
DRILLING COMPANY:	SynTerra	NORTHING:	EASTING:
DRILLING METHOD:	Hand Auger	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 5.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: G. Khang

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		ML	SILT and ORGANICS; Dark brown					
		PT	CLINKER/ COAL; Coarse sand to gravel sized					
		CH	CLAY, fat; Dark brown; medium to high plasticity					
5			Bottom of boring 5' bls					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**SA-SB-46**
PROJECT NO:	00.2731.00	STARTED: 11/14/19	COMPLETED: 11/14/19
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Sonic	G.S. ELEV: NM ft	M.P. ELEV: ft
BOREHOLE DIAMETER:	4 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 6.0 ft BLS
NOTES:		LOGGED BY: T. King	CHECKED BY: TCK

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0		OL	TOPSOIL; organic soil, dark brown-orange, moist.		4.5		0.0	Grout (bentonite cement)
			FILL; Brick debris.					
			FILL; Wood debris.					
5			FILL; Concrete / metal debris.					
			FILL; Wood debris. Borehole terminated at 6 feet bgs. No odor, no visible staining.					
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PROJECT LOCATION: Greenville, SC