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APPENDIX B

LABORATORY ANALYTICAL REPORTS

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

October 07, 2022

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

RE: Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on September 28, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Charlotte

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

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

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

SAMPLE SUMMARY

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92628343001	MW-29S-20220927	Water	09/27/22 12:30	09/28/22 17:10
92628343002	MW-29TZ-20220927	Water	09/27/22 12:20	09/28/22 17:10
92628343003	MW-29BR-20220927	Water	09/27/22 13:45	09/28/22 17:10
92628343004	MW-34S-20220927	Water	09/27/22 10:36	09/28/22 17:10
92628343005	MW-34TZ-20220927	Water	09/27/22 11:30	09/28/22 17:10
92628343006	MW-34BR-20220927	Water	09/27/22 09:50	09/28/22 17:10
92628343007	MW-43S-20220927	Water	09/27/22 16:20	09/28/22 17:10
92628343008	MW-50S-20220927	Water	09/27/22 15:10	09/28/22 17:10
92628343009	MW-50TZ-20220927	Water	09/27/22 15:25	09/28/22 17:10
92628343010	SW-2-20220927	Water	09/27/22 14:45	09/28/22 17:10
92628343011	SW-3-20220927	Water	09/27/22 14:20	09/28/22 17:10
92628343012	SW-4-20220927	Water	09/27/22 14:00	09/28/22 17:10
92628343013	SW-7-20220926	Water	09/26/22 16:00	09/28/22 17:10
92628343014	SW-8-20220926	Water	09/26/22 16:45	09/28/22 17:10
92628343015	SW-9-20220927	Water	09/27/22 09:30	09/28/22 17:10
92628343016	SW-10-20220927	Water	09/27/22 10:20	09/28/22 17:10
92628343017	SW-11-20220927	Water	09/27/22 11:30	09/28/22 17:10
92628343018	SW-12-20220927	Water	09/27/22 12:00	09/28/22 17:10
92628343019	DUP-01-20220927	Water	09/27/22 20:00	09/28/22 17:10
92628343020	TB-01-20220927	Water	09/27/22 00:00	09/28/22 17:10
92628343021	TB-02-20220927	Water	09/27/22 00:00	09/28/22 17:10

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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SAMPLE ANALYTE COUNT

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92628343001	MW-29S-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343002	MW-29TZ-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628343003	MW-29BR-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	69	PASI-C
92628343004	MW-34S-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343005	MW-34TZ-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343006	MW-34BR-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343007	MW-43S-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343008	MW-50S-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343009	MW-50TZ-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343010	SW-2-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343011	SW-3-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343012	SW-4-20220927	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343013	SW-7-20220926	EPA 8270E	PKS	67	PASI-C

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Huntersville, NC 28078
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SAMPLE ANALYTE COUNT

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628343014	**SW-8-20220926**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92628343015	**SW-9-20220927**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92628343016	**SW-10-20220927**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92628343017	**SW-11-20220927**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92628343018	**SW-12-20220927**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92628343019	**DUP-01-20220927**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628343020	**TB-01-20220927**	EPA 8260D	CL	62	PASI-C
92628343021	**TB-02-20220927**	EPA 8260D	CL	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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SUMMARY OF DETECTION

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628343002	**MW-29TZ-20220927**					
EPA 8270E	Acenaphthene	100	ug/L	10.0	10/03/22 12:46	
EPA 8270E	Anthracene	3.0J	ug/L	10.0	10/03/22 12:46	
EPA 8270E	Benzyl alcohol	8.5J	ug/L	20.0	10/03/22 12:46	
EPA 8270E	Dibenzofuran	7.0J	ug/L	10.0	10/03/22 12:46	
EPA 8270E	2,4-Dimethylphenol	131	ug/L	40.0	10/03/22 18:19	
EPA 8270E	Fluorene	20.2	ug/L	10.0	10/03/22 12:46	
EPA 8270E	1-Methylnaphthalene	214	ug/L	40.0	10/03/22 18:19	
EPA 8270E	2-Methylnaphthalene	352	ug/L	40.0	10/03/22 18:19	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	11.7	ug/L	10.0	10/03/22 12:46	
EPA 8270E	Phenanthrene	17.5	ug/L	10.0	10/03/22 12:46	
EPA 8270E	Phenol	4.3J	ug/L	10.0	10/03/22 12:46	
EPA 8260D	Benzene	1950	ug/L	40.0	10/01/22 02:26	
EPA 8260D	Ethylbenzene	499	ug/L	40.0	10/01/22 02:26	
EPA 8260D	Naphthalene	7220	ug/L	40.0	10/01/22 02:26	
EPA 8260D	Toluene	30.0J	ug/L	40.0	10/01/22 02:26	
EPA 8260D	Xylene (Total)	325	ug/L	40.0	10/01/22 02:26	
EPA 8260D	m&p-Xylene	201	ug/L	80.0	10/01/22 02:26	
EPA 8260D	o-Xylene	123	ug/L	40.0	10/01/22 02:26	
92628343003	**MW-29BR-20220927**					
EPA 8270E	Acenaphthylene	1.5	ug/L	0.90	10/03/22 13:12	
EPA 8270E	2,4-Dimethylphenol	0.56J	ug/L	0.90	10/03/22 13:12	
EPA 8270E	Fluorene	0.28J	ug/L	0.90	10/03/22 13:12	
EPA 8270E	1-Methylnaphthalene	2.6	ug/L	0.90	10/03/22 13:12	
EPA 8270E	2-Methylnaphthalene	3.0	ug/L	0.90	10/03/22 13:12	
EPA 8260D	Benzene	192	ug/L	5.0	09/30/22 08:33	
EPA 8260D	Ethylbenzene	20.6	ug/L	5.0	09/30/22 08:33	
EPA 8260D	Methylene Chloride	40.1	ug/L	25.0	09/30/22 08:33	C9
EPA 8260D	Naphthalene	595	ug/L	5.0	09/30/22 08:33	M1
EPA 8260D	Styrene	48.6	ug/L	5.0	09/30/22 08:33	
EPA 8260D	Toluene	162	ug/L	5.0	09/30/22 08:33	
EPA 8260D	Xylene (Total)	66.8	ug/L	5.0	09/30/22 08:33	
EPA 8260D	m&p-Xylene	45.6	ug/L	10.0	09/30/22 08:33	
EPA 8260D	o-Xylene	21.2	ug/L	5.0	09/30/22 08:33	
92628343004	**MW-34S-20220927**					
EPA 8260D	cis-1,2-Dichloroethene	1.4	ug/L	1.0	09/30/22 04:50	
EPA 8260D	Vinyl chloride	1.1	ug/L	1.0	09/30/22 04:50	
92628343005	**MW-34TZ-20220927**					
EPA 8260D	cis-1,2-Dichloroethene	3.0	ug/L	1.0	09/30/22 05:08	
EPA 8260D	p-Isopropyltoluene	2.2	ug/L	1.0	09/30/22 05:08	
EPA 8260D	Vinyl chloride	0.97J	ug/L	1.0	09/30/22 05:08	
92628343006	**MW-34BR-20220927**					
EPA 8260D	Benzene	1.8	ug/L	1.0	09/30/22 05:27	
EPA 8260D	Naphthalene	2.2	ug/L	1.0	09/30/22 05:27	

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

SUMMARY OF DETECTION

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628343007	**MW-43S-20220927**					
EPA 8260D	Methyl-tert-butyl ether	0.46J	ug/L	1.0	09/30/22 05:45	
92628343020	**TB-01-20220927**					
EPA 8260D	Acetone	39.1	ug/L	25.0	09/29/22 20:18	v3
EPA 8260D	Methylene Chloride	3.2J	ug/L	5.0	09/29/22 20:18	
92628343021	**TB-02-20220927**					
EPA 8260D	Acetone	41.8	ug/L	25.0	09/29/22 20:35	v3
EPA 8260D	Methylene Chloride	5.3	ug/L	5.0	09/29/22 20:35	

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

PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 07, 2022

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

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

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

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

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

QC Batch: 727468

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3788327)
  - 4-Nitroaniline
  - 4-Nitrophenol
- LCS (Lab ID: 3788328)
  - 4-Nitroaniline
  - 4-Nitrophenol
- MS (Lab ID: 3788329)
  - 4-Nitroaniline
  - 4-Nitrophenol
- MSD (Lab ID: 3788330)
  - 4-Nitroaniline
  - 4-Nitrophenol
- MW-34TZ-20220927 (Lab ID: 92628343005)
  - 4-Nitroaniline
  - 4-Nitrophenol

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

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

QC Batch: 727059

S0: Surrogate recovery outside laboratory control limits.

- DUP-01-20220927 (Lab ID: 92628343019)

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9800 Kincey Ave. Suite 100
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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 07, 2022

QC Batch: 727059

S0: Surrogate recovery outside laboratory control limits.
- 2-Fluorophenol (S)
- SW-11-20220927 (Lab ID: 92628343017)
  - 2-Fluorophenol (S)
- SW-3-20220927 (Lab ID: 92628343011)
  - 2-Fluorophenol (S)

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

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

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

QC Batch: 727041

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92627853017

R1: RPD value was outside control limits.
- MSD (Lab ID: 3786181)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol

QC Batch: 727059

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628026001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS (Lab ID: 3786241)
  - Benzoic Acid
- MSD (Lab ID: 3786242)
  - 2,4-Dinitrophenol
  - Benzoic Acid

R1: RPD value was outside control limits.
- MSD (Lab ID: 3786242)
  - 4,6-Dinitro-2-methylphenol
  - Hexachloroethane
  - Pentachlorophenol

QC Batch: 727346

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92627941015

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS (Lab ID: 3787799)

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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 07, 2022

QC Batch: 727346

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92627941015

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

- Hexachloroethane
- MSD (Lab ID: 3787800)
  - Hexachloroethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 3787800)
  - 1-Methylnaphthalene
  - 2-Methylnaphthalene

QC Batch: 727468

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628598018

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

- MS (Lab ID: 3788329)
  - Benzoic Acid
  - Hexachloroethane
- MSD (Lab ID: 3788330)
  - Benzoic Acid
  - Hexachloroethane

Additional Comments:

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9800 Kincey Ave. Suite 100
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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 07, 2022

General Information:
19 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: 727370

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

- MW-29TZ-20220927 (Lab ID: 92628343002)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 07, 2022

Analyte Comments:

QC Batch: 727370

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

- MW-29TZ-20220927 (Lab ID: 92628343002)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

General Information:
21 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: 726890

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

- MS (Lab ID: 3786506)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
- MSD (Lab ID: 3786507)
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate

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

QC Batch: 726884

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: 3785675)
  - Bromomethane
- LCS (Lab ID: 3785676)
  - Bromomethane
- MW-29BR-20220927 (Lab ID: 92628343003)
  - Bromomethane
- MW-29S-20220927 (Lab ID: 92628343001)
  - Bromomethane
- MW-34BR-20220927 (Lab ID: 92628343006)
  - Bromomethane
- MW-34S-20220927 (Lab ID: 92628343004)
  - Bromomethane
- MW-34TZ-20220927 (Lab ID: 92628343005)
  - Bromomethane
- MW-43S-20220927 (Lab ID: 92628343007)
  - Bromomethane
- MW-50S-20220927 (Lab ID: 92628343008)

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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

QC Batch: 726884

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Bromomethane
- MW-50TZ-20220927 (Lab ID: 92628343009)
  - Bromomethane
- SW-2-20220927 (Lab ID: 92628343010)
  - Bromomethane
- SW-3-20220927 (Lab ID: 92628343011)
  - Bromomethane
- SW-4-20220927 (Lab ID: 92628343012)
  - Bromomethane
- SW-7-20220926 (Lab ID: 92628343013)
  - Bromomethane

QC Batch: 726890

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3786506)
  - 1,1-Dichloropropene
  - 2-Butanone (MEK)
- MSD (Lab ID: 3786507)
  - 1,1-Dichloropropene
  - 2-Butanone (MEK)

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: 3785689)
  - 2-Butanone (MEK)
  - Acetone
- SW-10-20220927 (Lab ID: 92628343016)
  - 2-Butanone (MEK)
  - Acetone
- SW-11-20220927 (Lab ID: 92628343017)
  - 2-Butanone (MEK)
  - Acetone
- SW-12-20220927 (Lab ID: 92628343018)
  - 2-Butanone (MEK)
  - Acetone
- SW-8-20220926 (Lab ID: 92628343014)
  - 2-Butanone (MEK)
  - Acetone
- SW-9-20220927 (Lab ID: 92628343015)
  - 2-Butanone (MEK)
  - Acetone
- TB-01-20220927 (Lab ID: 92628343020)
  - 2-Butanone (MEK)
- TB-02-20220927 (Lab ID: 92628343021)

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

PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

QC Batch: 726890

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.

- 2-Butanone (MEK)

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: 3785690)
  - 2-Butanone (MEK)
  - Acetone
- TB-01-20220927 (Lab ID: 92628343020)
  - Acetone
- TB-02-20220927 (Lab ID: 92628343021)
  - Acetone

QC Batch: 727114

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- DUP (Lab ID: 3786672)
  - Acetone
- MS (Lab ID: 3786673)
  - Acetone

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3786670)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3786672)
  - Bromomethane
- DUP-01-20220927 (Lab ID: 92628343019)
  - Bromomethane
  - Hexachloro-1,3-butadiene

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: 3786671)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MS (Lab ID: 3786673)
  - Bromomethane

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

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

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PROJECT NARRATIVE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

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: 726884

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628343003

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

- MSD (Lab ID: 3785678)
  - Naphthalene

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

Additional Comments:

Analyte Comments:

QC Batch: 726884

C9: Common Laboratory Contaminant.

- MW-29BR-20220927 (Lab ID: 92628343003)
  - Methylene Chloride

QC Batch: 726890

C0: Result confirmed by second analysis.

- TB-01-20220927 (Lab ID: 92628343020)
  - 4-Bromofluorobenzene (S)
- TB-02-20220927 (Lab ID: 92628343021)
  - 4-Bromofluorobenzene (S)

QC Batch: 727244

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MS (Lab ID: 3787514)
  - Naphthalene
- MSD (Lab ID: 3787515)
  - Naphthalene

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

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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29S-20220927 **Lab ID: 92628343001** Collected: 09/27/22 12:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 12:21	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 12:21	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 12:21	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/01/22 19:11	10/03/22 12:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/01/22 19:11	10/03/22 12:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/01/22 19:11	10/03/22 12:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/01/22 19:11	10/03/22 12:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/01/22 19:11	10/03/22 12:21	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/01/22 19:11	10/03/22 12:21	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/01/22 19:11	10/03/22 12:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 12:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/01/22 19:11	10/03/22 12:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/01/22 19:11	10/03/22 12:21	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/01/22 19:11	10/03/22 12:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 12:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 12:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 12:21	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/01/22 19:11	10/03/22 12:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 12:21	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/01/22 19:11	10/03/22 12:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/01/22 19:11	10/03/22 12:21	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 12:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/01/22 19:11	10/03/22 12:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 12:21	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 12:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 12:21	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 12:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 12:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/01/22 19:11	10/03/22 12:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/01/22 19:11	10/03/22 12:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 12:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 12:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/01/22 19:11	10/03/22 12:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/01/22 19:11	10/03/22 12:21	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 12:21	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 12:21	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 12:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/01/22 19:11	10/03/22 12:21	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 12:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/01/22 19:11	10/03/22 12:21	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 12:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 12:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 12:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 12:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/01/22 19:11	10/03/22 12:21	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29S-20220927 **Lab ID: 92628343001** Collected: 09/27/22 12:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/01/22 19:11	10/03/22 12:21	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/01/22 19:11	10/03/22 12:21	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/01/22 19:11	10/03/22 12:21	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 12:21	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 12:21	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/01/22 19:11	10/03/22 12:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 12:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/01/22 19:11	10/03/22 12:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/01/22 19:11	10/03/22 12:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/01/22 19:11	10/03/22 12:21	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/01/22 19:11	10/03/22 12:21	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 12:21	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/01/22 19:11	10/03/22 12:21	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 12:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 12:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/01/22 19:11	10/03/22 12:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-144		1	10/01/22 19:11	10/03/22 12:21	4165-60-0	
2-Fluorobiphenyl (S)	32	%	10-130		1	10/01/22 19:11	10/03/22 12:21	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	10/01/22 19:11	10/03/22 12:21	1718-51-0	
Phenol-d6 (S)	34	%	10-130		1	10/01/22 19:11	10/03/22 12:21	13127-88-3	
2-Fluorophenol (S)	46	%	10-130		1	10/01/22 19:11	10/03/22 12:21	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-144		1	10/01/22 19:11	10/03/22 12:21	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 17:28	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	79	%	69-194		1	10/02/22 22:00	10/04/22 17:28	4165-60-0	
2-Fluorobiphenyl (S)	80	%	61-194		1	10/02/22 22:00	10/04/22 17:28	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/02/22 22:00	10/04/22 17:28	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 04:31	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 04:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 04:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 04:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 04:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 04:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 04:31	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 04:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 04:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 04:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 04:31	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29S-20220927 **Lab ID: 92628343001** Collected: 09/27/22 12:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 04:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 04:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 04:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 04:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 04:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 04:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 04:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 04:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 04:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 04:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 04:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 04:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 04:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 04:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 04:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 04:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 04:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 04:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 04:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 04:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 04:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 04:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 04:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 04:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 04:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 04:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 04:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 04:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 04:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 04:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 04:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 04:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 04:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 04:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 04:31	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 04:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 04:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 04:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 04:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 04:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 04:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 04:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 04:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 04:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 04:31	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29S-20220927 **Lab ID: 92628343001** Collected: 09/27/22 12:30 Received: 09/28/22 17:10 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		09/30/22 04:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 04:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 04:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/30/22 04:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		09/30/22 04:31	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/30/22 04:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29TZ-20220927 **Lab ID: 92628343002** Collected: 09/27/22 12:20 Received: 09/28/22 17:10 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	**100**	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 12:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 12:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 12:46	62-53-3	
Anthracene	**3.0J**	ug/L	10.0	2.3	1	10/01/22 19:11	10/03/22 12:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/01/22 19:11	10/03/22 12:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/01/22 19:11	10/03/22 12:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/01/22 19:11	10/03/22 12:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/01/22 19:11	10/03/22 12:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/01/22 19:11	10/03/22 12:46	65-85-0	
Benzyl alcohol	**8.5J**	ug/L	20.0	2.9	1	10/01/22 19:11	10/03/22 12:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/01/22 19:11	10/03/22 12:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/01/22 19:11	10/03/22 12:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/01/22 19:11	10/03/22 12:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/01/22 19:11	10/03/22 12:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/01/22 19:11	10/03/22 12:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 12:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 12:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 12:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 12:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/01/22 19:11	10/03/22 12:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/01/22 19:11	10/03/22 12:46	53-70-3	
Dibenzofuran	**7.0J**	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 12:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/01/22 19:11	10/03/22 12:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 12:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 12:46	84-66-2	
2,4-Dimethylphenol	**131**	ug/L	40.0	6.8	4	10/01/22 19:11	10/03/22 18:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 12:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 12:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/01/22 19:11	10/03/22 12:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/01/22 19:11	10/03/22 12:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 12:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 12:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/01/22 19:11	10/03/22 12:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/01/22 19:11	10/03/22 12:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 12:46	206-44-0	
Fluorene	**20.2**	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 12:46	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 12:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 12:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 12:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/01/22 19:11	10/03/22 12:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 12:46	78-59-1	
1-Methylnaphthalene	**214**	ug/L	40.0	8.1	4	10/01/22 19:11	10/03/22 18:19	90-12-0	
2-Methylnaphthalene	**352**	ug/L	40.0	7.5	4	10/01/22 19:11	10/03/22 18:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 12:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	**11.7**	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 12:46	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29TZ-20220927 **Lab ID: 92628343002** Collected: 09/27/22 12:20 Received: 09/28/22 17:10 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	10/01/22 19:11	10/03/22 12:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/01/22 19:11	10/03/22 12:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/01/22 19:11	10/03/22 12:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 12:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 12:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/01/22 19:11	10/03/22 12:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 12:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/01/22 19:11	10/03/22 12:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/01/22 19:11	10/03/22 12:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 12:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/01/22 19:11	10/03/22 12:46	87-86-5	
Phenanthrene	**17.5**	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 12:46	85-01-8	
Phenol	**4.3J**	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 12:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 12:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 12:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 12:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-144		1	10/01/22 19:11	10/03/22 12:46	4165-60-0	
2-Fluorobiphenyl (S)	44	%	10-130		1	10/01/22 19:11	10/03/22 12:46	321-60-8	
Terphenyl-d14 (S)	91	%	34-163		1	10/01/22 19:11	10/03/22 12:46	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/01/22 19:11	10/03/22 12:46	13127-88-3	
2-Fluorophenol (S)	40	%	10-130		1	10/01/22 19:11	10/03/22 12:46	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-144		1	10/01/22 19:11	10/03/22 12:46	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/02/22 22:00	10/05/22 20:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/02/22 22:00	10/05/22 20:49	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/02/22 22:00	10/05/22 20:49	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/02/22 22:00	10/05/22 20:49	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	1000	204	40		10/01/22 02:26	67-64-1	
Benzene	**1950**	ug/L	40.0	13.8	40		10/01/22 02:26	71-43-2	
Bromobenzene	ND	ug/L	40.0	11.6	40		10/01/22 02:26	108-86-1	
Bromochloromethane	ND	ug/L	40.0	18.7	40		10/01/22 02:26	74-97-5	
Bromodichloromethane	ND	ug/L	40.0	12.3	40		10/01/22 02:26	75-27-4	
Bromoform	ND	ug/L	40.0	13.6	40		10/01/22 02:26	75-25-2	
Bromomethane	ND	ug/L	80.0	66.4	40		10/01/22 02:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	200	158	40		10/01/22 02:26	78-93-3	
Carbon tetrachloride	ND	ug/L	40.0	13.3	40		10/01/22 02:26	56-23-5	
Chlorobenzene	ND	ug/L	40.0	11.4	40		10/01/22 02:26	108-90-7	
Chloroethane	ND	ug/L	40.0	26.0	40		10/01/22 02:26	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29TZ-20220927 **Lab ID: 92628343002** Collected: 09/27/22 12:20 Received: 09/28/22 17:10 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	40.0	17.2	40		10/01/22 02:26	67-66-3	
Chloromethane	ND	ug/L	40.0	21.6	40		10/01/22 02:26	74-87-3	
2-Chlorotoluene	ND	ug/L	40.0	12.8	40		10/01/22 02:26	95-49-8	
4-Chlorotoluene	ND	ug/L	40.0	13.0	40		10/01/22 02:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	80.0	13.6	40		10/01/22 02:26	96-12-8	
Dibromochloromethane	ND	ug/L	40.0	14.4	40		10/01/22 02:26	124-48-1	
Dibromomethane	ND	ug/L	40.0	15.8	40		10/01/22 02:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	40.0	13.6	40		10/01/22 02:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	40.0	13.6	40		10/01/22 02:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	40.0	13.3	40		10/01/22 02:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	40.0	13.8	40		10/01/22 02:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	40.0	14.7	40		10/01/22 02:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	40.0	12.9	40		10/01/22 02:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	40.0	13.9	40		10/01/22 02:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	40.0	15.4	40		10/01/22 02:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	40.0	15.8	40		10/01/22 02:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	40.0	14.2	40		10/01/22 02:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	40.0	11.4	40		10/01/22 02:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	40.0	15.5	40		10/01/22 02:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	40.0	17.1	40		10/01/22 02:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	40.0	14.6	40		10/01/22 02:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	40.0	14.5	40		10/01/22 02:26	10061-02-6	
Diisopropyl ether	ND	ug/L	40.0	12.3	40		10/01/22 02:26	108-20-3	
Ethylbenzene	**499**	ug/L	40.0	12.2	40		10/01/22 02:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	80.0	61.2	40		10/01/22 02:26	87-68-3	
2-Hexanone	ND	ug/L	200	19.0	40		10/01/22 02:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	40.0	16.6	40		10/01/22 02:26	99-87-6	
Methylene Chloride	ND	ug/L	200	78.0	40		10/01/22 02:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	200	108	40		10/01/22 02:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	40.0	16.9	40		10/01/22 02:26	1634-04-4	
Naphthalene	**7220**	ug/L	40.0	25.8	40		10/01/22 02:26	91-20-3	
Styrene	ND	ug/L	40.0	11.7	40		10/01/22 02:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	40.0	12.4	40		10/01/22 02:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	40.0	9.0	40		10/01/22 02:26	79-34-5	
Tetrachloroethene	ND	ug/L	40.0	11.7	40		10/01/22 02:26	127-18-4	
Toluene	**30.0J**	ug/L	40.0	19.4	40		10/01/22 02:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	40.0	32.2	40		10/01/22 02:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	40.0	25.6	40		10/01/22 02:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	40.0	13.3	40		10/01/22 02:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	40.0	13.0	40		10/01/22 02:26	79-00-5	
Trichloroethene	ND	ug/L	40.0	15.3	40		10/01/22 02:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	40.0	11.9	40		10/01/22 02:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	40.0	10.4	40		10/01/22 02:26	96-18-4	
Vinyl acetate	ND	ug/L	80.0	52.4	40		10/01/22 02:26	108-05-4	
Vinyl chloride	ND	ug/L	40.0	15.4	40		10/01/22 02:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29TZ-20220927 **Lab ID: 92628343002** Collected: 09/27/22 12:20 Received: 09/28/22 17:10 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)	**325**	ug/L	40.0	13.5	40		10/01/22 02:26	1330-20-7	
m&p-Xylene	**201**	ug/L	80.0	28.4	40		10/01/22 02:26	179601-23-1	
o-Xylene	**123**	ug/L	40.0	13.5	40		10/01/22 02:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		40		10/01/22 02:26	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		40		10/01/22 02:26	17060-07-0	
Toluene-d8 (S)	101	%	70-130		40		10/01/22 02:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29BR-20220927 **Lab ID: 92628343003** Collected: 09/27/22 13:45 Received: 09/28/22 17:10 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	0.90	0.18	1	10/01/22 19:11	10/03/22 13:12	83-32-9	
Acenaphthylene	**1.5**	ug/L	0.90	0.18	1	10/01/22 19:11	10/03/22 13:12	208-96-8	
Aniline	ND	ug/L	0.90	0.15	1	10/01/22 19:11	10/03/22 13:12	62-53-3	
Anthracene	ND	ug/L	0.90	0.21	1	10/01/22 19:11	10/03/22 13:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	0.90	0.24	1	10/01/22 19:11	10/03/22 13:12	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	0.90	0.23	1	10/01/22 19:11	10/03/22 13:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	0.90	0.26	1	10/01/22 19:11	10/03/22 13:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	0.90	0.24	1	10/01/22 19:11	10/03/22 13:12	207-08-9	
Benzoic Acid	ND	ug/L	4.5	2.0	1	10/01/22 19:11	10/03/22 13:12	65-85-0	
Benzyl alcohol	ND	ug/L	1.8	0.26	1	10/01/22 19:11	10/03/22 13:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	0.90	0.16	1	10/01/22 19:11	10/03/22 13:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	0.90	0.28	1	10/01/22 19:11	10/03/22 13:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	0.90	0.30	1	10/01/22 19:11	10/03/22 13:12	59-50-7	
4-Chloroaniline	ND	ug/L	1.8	0.33	1	10/01/22 19:11	10/03/22 13:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	0.90	0.16	1	10/01/22 19:11	10/03/22 13:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	0.90	0.17	1	10/01/22 19:11	10/03/22 13:12	111-44-4	
2-Chloronaphthalene	ND	ug/L	0.90	0.15	1	10/01/22 19:11	10/03/22 13:12	91-58-7	
2-Chlorophenol	ND	ug/L	0.90	0.11	1	10/01/22 19:11	10/03/22 13:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	0.90	0.18	1	10/01/22 19:11	10/03/22 13:12	7005-72-3	
Chrysene	ND	ug/L	0.90	0.25	1	10/01/22 19:11	10/03/22 13:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.90	0.27	1	10/01/22 19:11	10/03/22 13:12	53-70-3	
Dibenzofuran	ND	ug/L	0.90	0.19	1	10/01/22 19:11	10/03/22 13:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	1.8	0.73	1	10/01/22 19:11	10/03/22 13:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	0.90	0.13	1	10/01/22 19:11	10/03/22 13:12	120-83-2	
Diethylphthalate	ND	ug/L	0.90	0.18	1	10/01/22 19:11	10/03/22 13:12	84-66-2	
2,4-Dimethylphenol	**0.56J**	ug/L	0.90	0.15	1	10/01/22 19:11	10/03/22 13:12	105-67-9	
Dimethylphthalate	ND	ug/L	0.90	0.19	1	10/01/22 19:11	10/03/22 13:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	0.90	0.20	1	10/01/22 19:11	10/03/22 13:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	1.8	0.70	1	10/01/22 19:11	10/03/22 13:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	4.5	2.3	1	10/01/22 19:11	10/03/22 13:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	0.90	0.15	1	10/01/22 19:11	10/03/22 13:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	0.90	0.15	1	10/01/22 19:11	10/03/22 13:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	0.90	0.35	1	10/01/22 19:11	10/03/22 13:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.54	0.34	1	10/01/22 19:11	10/03/22 13:12	117-81-7	
Fluoranthene	ND	ug/L	0.90	0.20	1	10/01/22 19:11	10/03/22 13:12	206-44-0	
Fluorene	**0.28J**	ug/L	0.90	0.19	1	10/01/22 19:11	10/03/22 13:12	86-73-7	
Hexachlorobenzene	ND	ug/L	0.90	0.19	1	10/01/22 19:11	10/03/22 13:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	0.90	0.14	1	10/01/22 19:11	10/03/22 13:12	77-47-4	
Hexachloroethane	ND	ug/L	0.90	0.12	1	10/01/22 19:11	10/03/22 13:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.90	0.26	1	10/01/22 19:11	10/03/22 13:12	193-39-5	
Isophorone	ND	ug/L	0.90	0.15	1	10/01/22 19:11	10/03/22 13:12	78-59-1	
1-Methylnaphthalene	**2.6**	ug/L	0.90	0.18	1	10/01/22 19:11	10/03/22 13:12	90-12-0	
2-Methylnaphthalene	**3.0**	ug/L	0.90	0.17	1	10/01/22 19:11	10/03/22 13:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	0.90	0.17	1	10/01/22 19:11	10/03/22 13:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	0.90	0.11	1	10/01/22 19:11	10/03/22 13:12	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29BR-20220927 **Lab ID: 92628343003** Collected: 09/27/22 13:45 Received: 09/28/22 17:10 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	1.8	0.27	1	10/01/22 19:11	10/03/22 13:12	88-74-4	
3-Nitroaniline	ND	ug/L	1.8	0.34	1	10/01/22 19:11	10/03/22 13:12	99-09-2	
4-Nitroaniline	ND	ug/L	1.8	0.46	1	10/01/22 19:11	10/03/22 13:12	100-01-6	
Nitrobenzene	ND	ug/L	0.90	0.17	1	10/01/22 19:11	10/03/22 13:12	98-95-3	
2-Nitrophenol	ND	ug/L	0.90	0.13	1	10/01/22 19:11	10/03/22 13:12	88-75-5	
4-Nitrophenol	ND	ug/L	4.5	0.59	1	10/01/22 19:11	10/03/22 13:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	0.90	0.17	1	10/01/22 19:11	10/03/22 13:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	0.90	0.12	1	10/01/22 19:11	10/03/22 13:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	0.90	0.27	1	10/01/22 19:11	10/03/22 13:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	0.90	0.10	1	10/01/22 19:11	10/03/22 13:12	108-60-1	
Pentachlorophenol	ND	ug/L	1.8	0.34	1	10/01/22 19:11	10/03/22 13:12	87-86-5	
Phenanthrene	ND	ug/L	0.90	0.18	1	10/01/22 19:11	10/03/22 13:12	85-01-8	
Phenol	ND	ug/L	0.90	0.12	1	10/01/22 19:11	10/03/22 13:12	108-95-2	
Pyrene	ND	ug/L	0.90	0.20	1	10/01/22 19:11	10/03/22 13:12	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	0.90	0.13	1	10/01/22 19:11	10/03/22 13:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	0.90	0.14	1	10/01/22 19:11	10/03/22 13:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	45	%	10-144		1	10/01/22 19:11	10/03/22 13:12	4165-60-0	
2-Fluorobiphenyl (S)	25	%	10-130		1	10/01/22 19:11	10/03/22 13:12	321-60-8	
Terphenyl-d14 (S)	106	%	34-163		1	10/01/22 19:11	10/03/22 13:12	1718-51-0	
Phenol-d6 (S)	25	%	10-130		1	10/01/22 19:11	10/03/22 13:12	13127-88-3	
2-Fluorophenol (S)	37	%	10-130		1	10/01/22 19:11	10/03/22 13:12	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-144		1	10/01/22 19:11	10/03/22 13:12	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 17:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	82	%	69-194		1	10/02/22 22:00	10/04/22 17:50	4165-60-0	
2-Fluorobiphenyl (S)	76	%	61-194		1	10/02/22 22:00	10/04/22 17:50	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/02/22 22:00	10/04/22 17:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	125	25.6	5		09/30/22 08:33	67-64-1	
tert-Amyl Alcohol	ND	ug/L	500	182	5		09/30/22 08:33	75-85-4	
tert-Amylmethyl ether	ND	ug/L	50.0	13.3	5		09/30/22 08:33	994-05-8	
Benzene	**192**	ug/L	5.0	1.7	5		09/30/22 08:33	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		09/30/22 08:33	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		09/30/22 08:33	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		09/30/22 08:33	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		09/30/22 08:33	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		09/30/22 08:33	74-83-9	v2
3,3-Dimethyl-1-Butanol	ND	ug/L	500	260	5		09/30/22 08:33	624-95-3	
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		09/30/22 08:33	78-93-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29BR-20220927 **Lab ID: 92628343003** Collected: 09/27/22 13:45 Received: 09/28/22 17:10 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								
tert-Butyl Alcohol	ND	ug/L	500	134	5		09/30/22 08:33	75-65-0	
tert-Butyl Formate	ND	ug/L	250	147	5		09/30/22 08:33	762-75-4	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		09/30/22 08:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		09/30/22 08:33	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		09/30/22 08:33	75-00-3	
Chloroform	ND	ug/L	5.0	2.2	5		09/30/22 08:33	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		09/30/22 08:33	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		09/30/22 08:33	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		09/30/22 08:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		09/30/22 08:33	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		09/30/22 08:33	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		09/30/22 08:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		09/30/22 08:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		09/30/22 08:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		09/30/22 08:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		09/30/22 08:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		09/30/22 08:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		09/30/22 08:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		09/30/22 08:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		09/30/22 08:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		09/30/22 08:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		09/30/22 08:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		09/30/22 08:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		09/30/22 08:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		09/30/22 08:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		09/30/22 08:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		09/30/22 08:33	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		09/30/22 08:33	108-20-3	
Ethanol	ND	ug/L	1000	361	5		09/30/22 08:33	64-17-5	
Ethylbenzene	**20.6**	ug/L	5.0	1.5	5		09/30/22 08:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	50.0	16.2	5		09/30/22 08:33	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		09/30/22 08:33	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		09/30/22 08:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		09/30/22 08:33	99-87-6	
Methylene Chloride	**40.1**	ug/L	25.0	9.8	5		09/30/22 08:33	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		09/30/22 08:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		09/30/22 08:33	1634-04-4	
Naphthalene	**595**	ug/L	5.0	3.2	5		09/30/22 08:33	91-20-3	M1
Styrene	**48.6**	ug/L	5.0	1.5	5		09/30/22 08:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		09/30/22 08:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		09/30/22 08:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		09/30/22 08:33	127-18-4	
Toluene	**162**	ug/L	5.0	2.4	5		09/30/22 08:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		09/30/22 08:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		09/30/22 08:33	120-82-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-29BR-20220927 **Lab ID: 92628343003** Collected: 09/27/22 13:45 Received: 09/28/22 17:10 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								
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		09/30/22 08:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		09/30/22 08:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		09/30/22 08:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		09/30/22 08:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		09/30/22 08:33	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		09/30/22 08:33	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		09/30/22 08:33	75-01-4	
Xylene (Total)	**66.8**	ug/L	5.0	1.7	5		09/30/22 08:33	1330-20-7	
m&p-Xylene	**45.6**	ug/L	10.0	3.5	5		09/30/22 08:33	179601-23-1	
o-Xylene	**21.2**	ug/L	5.0	1.7	5		09/30/22 08:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		5		09/30/22 08:33	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		5		09/30/22 08:33	17060-07-0	
Toluene-d8 (S)	98	%	70-130		5		09/30/22 08:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34S-20220927 **Lab ID: 92628343004** Collected: 09/27/22 10:36 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 13:37	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 13:37	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 13:37	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/01/22 19:11	10/03/22 13:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/01/22 19:11	10/03/22 13:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/01/22 19:11	10/03/22 13:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/01/22 19:11	10/03/22 13:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/01/22 19:11	10/03/22 13:37	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/01/22 19:11	10/03/22 13:37	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/01/22 19:11	10/03/22 13:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 13:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/01/22 19:11	10/03/22 13:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/01/22 19:11	10/03/22 13:37	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/01/22 19:11	10/03/22 13:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 13:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 13:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 13:37	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/01/22 19:11	10/03/22 13:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 13:37	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/01/22 19:11	10/03/22 13:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/01/22 19:11	10/03/22 13:37	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 13:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/01/22 19:11	10/03/22 13:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 13:37	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 13:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 13:37	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 13:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 13:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/01/22 19:11	10/03/22 13:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/01/22 19:11	10/03/22 13:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 13:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 13:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/01/22 19:11	10/03/22 13:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/01/22 19:11	10/03/22 13:37	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 13:37	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 13:37	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 13:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/01/22 19:11	10/03/22 13:37	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 13:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/01/22 19:11	10/03/22 13:37	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 13:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 13:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 13:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 13:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/01/22 19:11	10/03/22 13:37	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34S-20220927 **Lab ID: 92628343004** Collected: 09/27/22 10:36 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/01/22 19:11	10/03/22 13:37	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/01/22 19:11	10/03/22 13:37	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/01/22 19:11	10/03/22 13:37	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 13:37	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 13:37	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/01/22 19:11	10/03/22 13:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 13:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/01/22 19:11	10/03/22 13:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/01/22 19:11	10/03/22 13:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/01/22 19:11	10/03/22 13:37	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/01/22 19:11	10/03/22 13:37	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 13:37	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/01/22 19:11	10/03/22 13:37	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 13:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 13:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/01/22 19:11	10/03/22 13:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	49	%	10-144		1	10/01/22 19:11	10/03/22 13:37	4165-60-0	
2-Fluorobiphenyl (S)	24	%	10-130		1	10/01/22 19:11	10/03/22 13:37	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	10/01/22 19:11	10/03/22 13:37	1718-51-0	
Phenol-d6 (S)	23	%	10-130		1	10/01/22 19:11	10/03/22 13:37	13127-88-3	
2-Fluorophenol (S)	10	%	10-130		1	10/01/22 19:11	10/03/22 13:37	367-12-4	
2,4,6-Tribromophenol (S)	22	%	10-144		1	10/01/22 19:11	10/03/22 13:37	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 18:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/02/22 22:00	10/04/22 18:55	4165-60-0	
2-Fluorobiphenyl (S)	75	%	61-194		1	10/02/22 22:00	10/04/22 18:55	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	10/02/22 22:00	10/04/22 18:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 04:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 04:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 04:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 04:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 04:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 04:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 04:50	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 04:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 04:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 04:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 04:50	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34S-20220927 **Lab ID: 92628343004** Collected: 09/27/22 10:36 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 04:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 04:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 04:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 04:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 04:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 04:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 04:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 04:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 04:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 04:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 04:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 04:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 04:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 04:50	75-35-4	
cis-1,2-Dichloroethene	**1.4**	ug/L	1.0	0.38	1		09/30/22 04:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 04:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 04:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 04:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 04:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 04:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 04:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 04:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 04:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 04:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 04:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 04:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 04:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 04:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 04:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 04:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 04:50	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 04:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 04:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 04:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 04:50	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 04:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 04:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 04:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 04:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 04:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 04:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 04:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 04:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 04:50	108-05-4	
Vinyl chloride	**1.1**	ug/L	1.0	0.39	1		09/30/22 04:50	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34S-20220927 **Lab ID: 92628343004** Collected: 09/27/22 10:36 Received: 09/28/22 17:10 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		09/30/22 04:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 04:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 04:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 04:50	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		09/30/22 04:50	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		09/30/22 04:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34TZ-20220927 **Lab ID: 92628343005** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/03/22 15:30	10/04/22 15:35	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/03/22 15:30	10/04/22 15:35	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/03/22 15:30	10/04/22 15:35	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/03/22 15:30	10/04/22 15:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/03/22 15:30	10/04/22 15:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/03/22 15:30	10/04/22 15:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/03/22 15:30	10/04/22 15:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/03/22 15:30	10/04/22 15:35	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/03/22 15:30	10/04/22 15:35	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/03/22 15:30	10/04/22 15:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/03/22 15:30	10/04/22 15:35	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/03/22 15:30	10/04/22 15:35	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/03/22 15:30	10/04/22 15:35	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/03/22 15:30	10/04/22 15:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/03/22 15:30	10/04/22 15:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/03/22 15:30	10/04/22 15:35	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/03/22 15:30	10/04/22 15:35	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/03/22 15:30	10/04/22 15:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/03/22 15:30	10/04/22 15:35	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/03/22 15:30	10/04/22 15:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/03/22 15:30	10/04/22 15:35	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/03/22 15:30	10/04/22 15:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/03/22 15:30	10/04/22 15:35	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/03/22 15:30	10/04/22 15:35	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/03/22 15:30	10/04/22 15:35	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/03/22 15:30	10/04/22 15:35	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/03/22 15:30	10/04/22 15:35	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/03/22 15:30	10/04/22 15:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/03/22 15:30	10/04/22 15:35	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/03/22 15:30	10/04/22 15:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/03/22 15:30	10/04/22 15:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/03/22 15:30	10/04/22 15:35	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/03/22 15:30	10/04/22 15:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/03/22 15:30	10/04/22 15:35	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/03/22 15:30	10/04/22 15:35	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/03/22 15:30	10/04/22 15:35	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/03/22 15:30	10/04/22 15:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/03/22 15:30	10/04/22 15:35	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/03/22 15:30	10/04/22 15:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/03/22 15:30	10/04/22 15:35	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/03/22 15:30	10/04/22 15:35	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/03/22 15:30	10/04/22 15:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/03/22 15:30	10/04/22 15:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/03/22 15:30	10/04/22 15:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/03/22 15:30	10/04/22 15:35	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34TZ-20220927 **Lab ID: 92628343005** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/03/22 15:30	10/04/22 15:35	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/03/22 15:30	10/04/22 15:35	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/03/22 15:30	10/04/22 15:35	100-01-6	v1
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/03/22 15:30	10/04/22 15:35	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/03/22 15:30	10/04/22 15:35	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/03/22 15:30	10/04/22 15:35	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/03/22 15:30	10/04/22 15:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/03/22 15:30	10/04/22 15:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/03/22 15:30	10/04/22 15:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/03/22 15:30	10/04/22 15:35	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/03/22 15:30	10/04/22 15:35	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/03/22 15:30	10/04/22 15:35	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/03/22 15:30	10/04/22 15:35	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/03/22 15:30	10/04/22 15:35	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/03/22 15:30	10/04/22 15:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/03/22 15:30	10/04/22 15:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	10-144		1	10/03/22 15:30	10/04/22 15:35	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	10/03/22 15:30	10/04/22 15:35	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	10/03/22 15:30	10/04/22 15:35	1718-51-0	
Phenol-d6 (S)	26	%	10-130		1	10/03/22 15:30	10/04/22 15:35	13127-88-3	
2-Fluorophenol (S)	13	%	10-130		1	10/03/22 15:30	10/04/22 15:35	367-12-4	
2,4,6-Tribromophenol (S)	16	%	10-144		1	10/03/22 15:30	10/04/22 15:35	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 19:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	69-194		1	10/02/22 22:00	10/04/22 19:17	4165-60-0	
2-Fluorobiphenyl (S)	75	%	61-194		1	10/02/22 22:00	10/04/22 19:17	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/02/22 22:00	10/04/22 19:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 05:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 05:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 05:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 05:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 05:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 05:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 05:08	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 05:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 05:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 05:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 05:08	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34TZ-20220927 **Lab ID: 92628343005** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 05:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 05:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 05:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 05:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 05:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 05:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 05:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 05:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 05:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 05:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 05:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 05:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 05:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 05:08	75-35-4	
cis-1,2-Dichloroethene	**3.0**	ug/L	1.0	0.38	1		09/30/22 05:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 05:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 05:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 05:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 05:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 05:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 05:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 05:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 05:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 05:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 05:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 05:08	591-78-6	
p-Isopropyltoluene	**2.2**	ug/L	1.0	0.41	1		09/30/22 05:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 05:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 05:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 05:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 05:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 05:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 05:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 05:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 05:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 05:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 05:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 05:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 05:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 05:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 05:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 05:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 05:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 05:08	108-05-4	
Vinyl chloride	**0.97J**	ug/L	1.0	0.39	1		09/30/22 05:08	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34TZ-20220927 **Lab ID: 92628343005** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 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		09/30/22 05:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 05:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 05:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 05:08	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		09/30/22 05:08	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 05:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34BR-20220927 **Lab ID: 92628343006** Collected: 09/27/22 09:50 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 14:28	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 14:28	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 14:28	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/01/22 19:11	10/03/22 14:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/01/22 19:11	10/03/22 14:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/01/22 19:11	10/03/22 14:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/01/22 19:11	10/03/22 14:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/01/22 19:11	10/03/22 14:28	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/01/22 19:11	10/03/22 14:28	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/01/22 19:11	10/03/22 14:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 14:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/01/22 19:11	10/03/22 14:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/01/22 19:11	10/03/22 14:28	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/01/22 19:11	10/03/22 14:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 14:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 14:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 14:28	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/01/22 19:11	10/03/22 14:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 14:28	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/01/22 19:11	10/03/22 14:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/01/22 19:11	10/03/22 14:28	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 14:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/01/22 19:11	10/03/22 14:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 14:28	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 14:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 14:28	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 14:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 14:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/01/22 19:11	10/03/22 14:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/01/22 19:11	10/03/22 14:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 14:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/01/22 19:11	10/03/22 14:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/01/22 19:11	10/03/22 14:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/01/22 19:11	10/03/22 14:28	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 14:28	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/01/22 19:11	10/03/22 14:28	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 14:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/01/22 19:11	10/03/22 14:28	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 14:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/01/22 19:11	10/03/22 14:28	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/01/22 19:11	10/03/22 14:28	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 14:28	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 14:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 14:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/01/22 19:11	10/03/22 14:28	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34BR-20220927 **Lab ID: 92628343006** Collected: 09/27/22 09:50 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/01/22 19:11	10/03/22 14:28	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/01/22 19:11	10/03/22 14:28	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/01/22 19:11	10/03/22 14:28	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 14:28	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 14:28	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/01/22 19:11	10/03/22 14:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/01/22 19:11	10/03/22 14:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/01/22 19:11	10/03/22 14:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/01/22 19:11	10/03/22 14:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/01/22 19:11	10/03/22 14:28	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/01/22 19:11	10/03/22 14:28	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/01/22 19:11	10/03/22 14:28	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/01/22 19:11	10/03/22 14:28	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/01/22 19:11	10/03/22 14:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/01/22 19:11	10/03/22 14:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/01/22 19:11	10/03/22 14:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	26	%	10-144		1	10/01/22 19:11	10/03/22 14:28	4165-60-0	
2-Fluorobiphenyl (S)	18	%	10-130		1	10/01/22 19:11	10/03/22 14:28	321-60-8	
Terphenyl-d14 (S)	101	%	34-163		1	10/01/22 19:11	10/03/22 14:28	1718-51-0	
Phenol-d6 (S)	18	%	10-130		1	10/01/22 19:11	10/03/22 14:28	13127-88-3	
2-Fluorophenol (S)	24	%	10-130		1	10/01/22 19:11	10/03/22 14:28	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-144		1	10/01/22 19:11	10/03/22 14:28	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 19:39	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	89	%	69-194		1	10/02/22 22:00	10/04/22 19:39	4165-60-0	
2-Fluorobiphenyl (S)	66	%	61-194		1	10/02/22 22:00	10/04/22 19:39	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/02/22 22:00	10/04/22 19:39	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 05:27	67-64-1	
Benzene	**1.8**	ug/L	1.0	0.34	1		09/30/22 05:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 05:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 05:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 05:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 05:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 05:27	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 05:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 05:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 05:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 05:27	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34BR-20220927 **Lab ID: 92628343006** Collected: 09/27/22 09:50 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 05:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 05:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 05:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 05:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 05:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 05:27	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 05:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 05:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 05:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 05:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 05:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 05:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 05:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 05:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 05:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 05:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 05:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 05:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 05:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 05:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 05:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 05:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 05:27	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 05:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 05:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 05:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 05:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 05:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 05:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 05:27	1634-04-4	
Naphthalene	**2.2**	ug/L	1.0	0.64	1		09/30/22 05:27	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 05:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 05:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 05:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 05:27	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 05:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 05:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 05:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 05:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 05:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 05:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 05:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 05:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 05:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 05:27	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-34BR-20220927 **Lab ID: 92628343006** Collected: 09/27/22 09:50 Received: 09/28/22 17:10 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		09/30/22 05:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 05:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 05:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/30/22 05:27	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/30/22 05:27	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 05:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-43S-20220927 **Lab ID: 92628343007** Collected: 09/27/22 16:20 Received: 09/28/22 17:10 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	10/01/22 19:11	10/03/22 14:54	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 14:54	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 14:54	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/01/22 19:11	10/03/22 14:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/01/22 19:11	10/03/22 14:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/01/22 19:11	10/03/22 14:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/01/22 19:11	10/03/22 14:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/01/22 19:11	10/03/22 14:54	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/01/22 19:11	10/03/22 14:54	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/01/22 19:11	10/03/22 14:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/01/22 19:11	10/03/22 14:54	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/01/22 19:11	10/03/22 14:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/01/22 19:11	10/03/22 14:54	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/01/22 19:11	10/03/22 14:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/01/22 19:11	10/03/22 14:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 14:54	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 14:54	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 14:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 14:54	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/01/22 19:11	10/03/22 14:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/01/22 19:11	10/03/22 14:54	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 14:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/01/22 19:11	10/03/22 14:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 14:54	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 14:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 14:54	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 14:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 14:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/01/22 19:11	10/03/22 14:54	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/01/22 19:11	10/03/22 14:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 14:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 14:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/01/22 19:11	10/03/22 14:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/01/22 19:11	10/03/22 14:54	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 14:54	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 14:54	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 14:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 14:54	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 14:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/01/22 19:11	10/03/22 14:54	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 14:54	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 14:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 14:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 14:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 14:54	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-43S-20220927 **Lab ID: 92628343007** Collected: 09/27/22 16:20 Received: 09/28/22 17:10 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	10/01/22 19:11	10/03/22 14:54	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/01/22 19:11	10/03/22 14:54	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/01/22 19:11	10/03/22 14:54	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 14:54	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 14:54	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/01/22 19:11	10/03/22 14:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 14:54	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/01/22 19:11	10/03/22 14:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/01/22 19:11	10/03/22 14:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 14:54	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/01/22 19:11	10/03/22 14:54	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 14:54	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 14:54	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 14:54	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 14:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 14:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	36	%	10-144		1	10/01/22 19:11	10/03/22 14:54	4165-60-0	
2-Fluorobiphenyl (S)	24	%	10-130		1	10/01/22 19:11	10/03/22 14:54	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	10/01/22 19:11	10/03/22 14:54	1718-51-0	
Phenol-d6 (S)	24	%	10-130		1	10/01/22 19:11	10/03/22 14:54	13127-88-3	
2-Fluorophenol (S)	28	%	10-130		1	10/01/22 19:11	10/03/22 14:54	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-144		1	10/01/22 19:11	10/03/22 14:54	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 20:01	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	103	%	69-194		1	10/02/22 22:00	10/04/22 20:01	4165-60-0	
2-Fluorobiphenyl (S)	77	%	61-194		1	10/02/22 22:00	10/04/22 20:01	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	10/02/22 22:00	10/04/22 20:01	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 05:45	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 05:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 05:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 05:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 05:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 05:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 05:45	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 05:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 05:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 05:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 05:45	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-43S-20220927 **Lab ID: 92628343007** Collected: 09/27/22 16:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 05:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 05:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 05:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 05:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 05:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 05:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 05:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 05:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 05:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 05:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 05:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 05:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 05:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 05:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 05:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 05:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 05:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 05:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 05:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 05:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 05:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 05:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 05:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 05:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 05:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 05:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 05:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 05:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 05:45	108-10-1	
Methyl-tert-butyl ether	**0.46J**	ug/L	1.0	0.42	1		09/30/22 05:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 05:45	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 05:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 05:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 05:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 05:45	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 05:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 05:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 05:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 05:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 05:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 05:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 05:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 05:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 05:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 05:45	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-43S-20220927 **Lab ID: 92628343007** Collected: 09/27/22 16:20 Received: 09/28/22 17:10 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		09/30/22 05:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 05:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 05:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 05:45	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		09/30/22 05:45	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 05:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50S-20220927 **Lab ID: 92628343008** Collected: 09/27/22 15:10 Received: 09/28/22 17:10 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	10/01/22 19:11	10/03/22 15:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 15:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 15:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/01/22 19:11	10/03/22 15:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/01/22 19:11	10/03/22 15:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/01/22 19:11	10/03/22 15:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/01/22 19:11	10/03/22 15:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/01/22 19:11	10/03/22 15:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/01/22 19:11	10/03/22 15:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/01/22 19:11	10/03/22 15:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/01/22 19:11	10/03/22 15:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/01/22 19:11	10/03/22 15:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/01/22 19:11	10/03/22 15:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/01/22 19:11	10/03/22 15:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/01/22 19:11	10/03/22 15:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 15:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 15:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 15:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 15:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/01/22 19:11	10/03/22 15:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/01/22 19:11	10/03/22 15:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 15:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/01/22 19:11	10/03/22 15:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 15:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 15:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 15:20	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 15:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 15:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/01/22 19:11	10/03/22 15:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/01/22 19:11	10/03/22 15:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 15:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 15:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/01/22 19:11	10/03/22 15:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/01/22 19:11	10/03/22 15:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 15:20	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/01/22 19:11	10/03/22 15:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 15:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 15:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 15:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/01/22 19:11	10/03/22 15:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/01/22 19:11	10/03/22 15:20	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 15:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 15:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 15:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 15:20	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50S-20220927 **Lab ID: 92628343008** Collected: 09/27/22 15:10 Received: 09/28/22 17:10 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	10/01/22 19:11	10/03/22 15:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/01/22 19:11	10/03/22 15:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/01/22 19:11	10/03/22 15:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 15:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 15:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/01/22 19:11	10/03/22 15:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/01/22 19:11	10/03/22 15:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/01/22 19:11	10/03/22 15:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/01/22 19:11	10/03/22 15:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/01/22 19:11	10/03/22 15:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/01/22 19:11	10/03/22 15:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/01/22 19:11	10/03/22 15:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 15:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/01/22 19:11	10/03/22 15:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/01/22 19:11	10/03/22 15:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/01/22 19:11	10/03/22 15:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	24	%	10-144		1	10/01/22 19:11	10/03/22 15:20	4165-60-0	
2-Fluorobiphenyl (S)	16	%	10-130		1	10/01/22 19:11	10/03/22 15:20	321-60-8	
Terphenyl-d14 (S)	110	%	34-163		1	10/01/22 19:11	10/03/22 15:20	1718-51-0	
Phenol-d6 (S)	21	%	10-130		1	10/01/22 19:11	10/03/22 15:20	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	10/01/22 19:11	10/03/22 15:20	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		1	10/01/22 19:11	10/03/22 15:20	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 20:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	69-194		1	10/02/22 22:00	10/04/22 20:22	4165-60-0	
2-Fluorobiphenyl (S)	78	%	61-194		1	10/02/22 22:00	10/04/22 20:22	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	10/02/22 22:00	10/04/22 20:22	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 06:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 06:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 06:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 06:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 06:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 06:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 06:04	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 06:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 06:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 06:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 06:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50S-20220927 **Lab ID: 92628343008** Collected: 09/27/22 15:10 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 06:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 06:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 06:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 06:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 06:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 06:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 06:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 06:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 06:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 06:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 06:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 06:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 06:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 06:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 06:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 06:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 06:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 06:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 06:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 06:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 06:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 06:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 06:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 06:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 06:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 06:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 06:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 06:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 06:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 06:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 06:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 06:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 06:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 06:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 06:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 06:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 06:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 06:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 06:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 06:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 06:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 06:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 06:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 06:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 06:04	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50S-20220927 **Lab ID: 92628343008** Collected: 09/27/22 15:10 Received: 09/28/22 17:10 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		09/30/22 06:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 06:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 06:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		09/30/22 06:04	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		09/30/22 06:04	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 06:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50TZ-20220927 **Lab ID: 92628343009** Collected: 09/27/22 15:25 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 15:45	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 15:45	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 15:45	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/01/22 19:11	10/03/22 15:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/01/22 19:11	10/03/22 15:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/01/22 19:11	10/03/22 15:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/01/22 19:11	10/03/22 15:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/01/22 19:11	10/03/22 15:45	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/01/22 19:11	10/03/22 15:45	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/01/22 19:11	10/03/22 15:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/01/22 19:11	10/03/22 15:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/01/22 19:11	10/03/22 15:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/01/22 19:11	10/03/22 15:45	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/01/22 19:11	10/03/22 15:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/01/22 19:11	10/03/22 15:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 15:45	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 15:45	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/01/22 19:11	10/03/22 15:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 15:45	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/01/22 19:11	10/03/22 15:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/01/22 19:11	10/03/22 15:45	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 15:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/01/22 19:11	10/03/22 15:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 15:45	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 15:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 15:45	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 15:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 15:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/01/22 19:11	10/03/22 15:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/01/22 19:11	10/03/22 15:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 15:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 15:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/01/22 19:11	10/03/22 15:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/01/22 19:11	10/03/22 15:45	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 15:45	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 15:45	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 15:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/01/22 19:11	10/03/22 15:45	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 15:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/01/22 19:11	10/03/22 15:45	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 15:45	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 15:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 15:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 15:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/01/22 19:11	10/03/22 15:45	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50TZ-20220927 **Lab ID: 92628343009** Collected: 09/27/22 15:25 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/01/22 19:11	10/03/22 15:45	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/01/22 19:11	10/03/22 15:45	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/01/22 19:11	10/03/22 15:45	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 15:45	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 15:45	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/01/22 19:11	10/03/22 15:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 15:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/01/22 19:11	10/03/22 15:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/01/22 19:11	10/03/22 15:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/01/22 19:11	10/03/22 15:45	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/01/22 19:11	10/03/22 15:45	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 15:45	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/01/22 19:11	10/03/22 15:45	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 15:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 15:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/01/22 19:11	10/03/22 15:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	35	%	10-144		1	10/01/22 19:11	10/03/22 15:45	4165-60-0	
2-Fluorobiphenyl (S)	21	%	10-130		1	10/01/22 19:11	10/03/22 15:45	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	10/01/22 19:11	10/03/22 15:45	1718-51-0	
Phenol-d6 (S)	26	%	10-130		1	10/01/22 19:11	10/03/22 15:45	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	10/01/22 19:11	10/03/22 15:45	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-144		1	10/01/22 19:11	10/03/22 15:45	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 20:44	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	10/02/22 22:00	10/04/22 20:44	4165-60-0	
2-Fluorobiphenyl (S)	69	%	61-194		1	10/02/22 22:00	10/04/22 20:44	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	10/02/22 22:00	10/04/22 20:44	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 06:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 06:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 06:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 06:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 06:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 06:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 06:22	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 06:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 06:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 06:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 06:22	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50TZ-20220927 **Lab ID: 92628343009** Collected: 09/27/22 15:25 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 06:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 06:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 06:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 06:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 06:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 06:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 06:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 06:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 06:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 06:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 06:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 06:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 06:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 06:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 06:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 06:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 06:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 06:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 06:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 06:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 06:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 06:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 06:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 06:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 06:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 06:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 06:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 06:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 06:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 06:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 06:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 06:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 06:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 06:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 06:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 06:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 06:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 06:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 06:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 06:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 06:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 06:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 06:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 06:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 06:22	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: MW-50TZ-20220927 **Lab ID: 92628343009** Collected: 09/27/22 15:25 Received: 09/28/22 17:10 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		09/30/22 06:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 06:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 06:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 06:22	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		09/30/22 06:22	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		09/30/22 06:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-2-20220927 **Lab ID: 92628343010** Collected: 09/27/22 14:45 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 16:11	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 16:11	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 16:11	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/01/22 19:11	10/03/22 16:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/01/22 19:11	10/03/22 16:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/01/22 19:11	10/03/22 16:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/01/22 19:11	10/03/22 16:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/01/22 19:11	10/03/22 16:11	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/01/22 19:11	10/03/22 16:11	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/01/22 19:11	10/03/22 16:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/01/22 19:11	10/03/22 16:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/01/22 19:11	10/03/22 16:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/01/22 19:11	10/03/22 16:11	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/01/22 19:11	10/03/22 16:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/01/22 19:11	10/03/22 16:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 16:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 16:11	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/01/22 19:11	10/03/22 16:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 16:11	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/01/22 19:11	10/03/22 16:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/01/22 19:11	10/03/22 16:11	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 16:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/01/22 19:11	10/03/22 16:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 16:11	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 16:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 16:11	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 16:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 16:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/01/22 19:11	10/03/22 16:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/01/22 19:11	10/03/22 16:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 16:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 16:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/01/22 19:11	10/03/22 16:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/01/22 19:11	10/03/22 16:11	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 16:11	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 16:11	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 16:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/01/22 19:11	10/03/22 16:11	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 16:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/01/22 19:11	10/03/22 16:11	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/01/22 19:11	10/03/22 16:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 16:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 16:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 16:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/01/22 19:11	10/03/22 16:11	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-2-20220927 **Lab ID: 92628343010** Collected: 09/27/22 14:45 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/01/22 19:11	10/03/22 16:11	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/01/22 19:11	10/03/22 16:11	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/01/22 19:11	10/03/22 16:11	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 16:11	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 16:11	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/01/22 19:11	10/03/22 16:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/01/22 19:11	10/03/22 16:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/01/22 19:11	10/03/22 16:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/01/22 19:11	10/03/22 16:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/01/22 19:11	10/03/22 16:11	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/01/22 19:11	10/03/22 16:11	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/01/22 19:11	10/03/22 16:11	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/01/22 19:11	10/03/22 16:11	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/01/22 19:11	10/03/22 16:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/01/22 19:11	10/03/22 16:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/01/22 19:11	10/03/22 16:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	30	%	10-144		1	10/01/22 19:11	10/03/22 16:11	4165-60-0	
2-Fluorobiphenyl (S)	16	%	10-130		1	10/01/22 19:11	10/03/22 16:11	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	10/01/22 19:11	10/03/22 16:11	1718-51-0	
Phenol-d6 (S)	20	%	10-130		1	10/01/22 19:11	10/03/22 16:11	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	10/01/22 19:11	10/03/22 16:11	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-144		1	10/01/22 19:11	10/03/22 16:11	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 21:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	10/02/22 22:00	10/04/22 21:06	4165-60-0	
2-Fluorobiphenyl (S)	73	%	61-194		1	10/02/22 22:00	10/04/22 21:06	321-60-8	
Terphenyl-d14 (S)	86	%	69-180		1	10/02/22 22:00	10/04/22 21:06	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		09/30/22 06:41	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 06:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 06:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 06:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 06:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 06:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 06:41	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 06:41	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 06:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 06:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 06:41	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-2-20220927 **Lab ID: 92628343010** Collected: 09/27/22 14:45 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 06:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 06:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 06:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 06:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 06:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 06:41	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 06:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 06:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 06:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 06:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 06:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 06:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 06:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 06:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 06:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 06:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 06:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 06:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 06:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 06:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 06:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 06:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 06:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 06:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 06:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 06:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 06:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 06:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 06:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 06:41	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 06:41	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 06:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 06:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 06:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 06:41	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 06:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 06:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 06:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 06:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 06:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 06:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 06:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 06:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 06:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 06:41	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-2-20220927 **Lab ID: 92628343010** Collected: 09/27/22 14:45 Received: 09/28/22 17:10 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		09/30/22 06:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 06:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 06:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 06:41	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		09/30/22 06:41	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 06:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-3-20220927 **Lab ID: 92628343011** Collected: 09/27/22 14:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 02:30	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 02:30	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 02:30	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:40	10/01/22 02:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 02:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 02:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 02:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 02:30	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:40	10/01/22 02:30	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:40	10/01/22 02:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 02:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:40	10/01/22 02:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:40	10/01/22 02:30	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:40	10/01/22 02:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 02:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 02:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 02:30	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 02:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 02:30	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 02:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 02:30	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 02:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:40	10/01/22 02:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 02:30	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 02:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 02:30	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 02:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 02:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:40	10/01/22 02:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:40	10/01/22 02:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 02:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 02:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:40	10/01/22 02:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:40	10/01/22 02:30	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 02:30	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 02:30	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 02:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 02:30	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 02:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 02:30	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 02:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 02:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 02:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 02:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 02:30	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-3-20220927 **Lab ID: 92628343011** Collected: 09/27/22 14:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:40	10/01/22 02:30	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 02:30	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:40	10/01/22 02:30	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 02:30	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 02:30	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:40	10/01/22 02:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 02:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 02:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 02:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:40	10/01/22 02:30	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 02:30	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 02:30	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 02:30	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 02:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 02:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 02:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	46	%	10-144		1	09/30/22 12:40	10/01/22 02:30	4165-60-0	
2-Fluorobiphenyl (S)	41	%	10-130		1	09/30/22 12:40	10/01/22 02:30	321-60-8	
Terphenyl-d14 (S)	112	%	34-163		1	09/30/22 12:40	10/01/22 02:30	1718-51-0	
Phenol-d6 (S)	16	%	10-130		1	09/30/22 12:40	10/01/22 02:30	13127-88-3	
2-Fluorophenol (S)	5	%	10-130		1	09/30/22 12:40	10/01/22 02:30	367-12-4	S0
2,4,6-Tribromophenol (S)	17	%	10-144		1	09/30/22 12:40	10/01/22 02:30	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 21:28	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	69-194		1	10/02/22 22:00	10/04/22 21:28	4165-60-0	
2-Fluorobiphenyl (S)	67	%	61-194		1	10/02/22 22:00	10/04/22 21:28	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	10/02/22 22:00	10/04/22 21:28	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 07:00	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 07:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 07:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 07:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 07:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 07:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 07:00	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 07:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 07:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 07:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 07:00	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-3-20220927 **Lab ID: 92628343011** Collected: 09/27/22 14:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 07:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 07:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 07:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 07:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 07:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 07:00	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 07:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 07:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 07:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 07:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 07:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 07:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 07:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 07:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 07:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 07:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 07:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 07:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 07:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 07:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 07:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 07:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 07:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 07:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 07:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 07:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 07:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 07:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 07:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 07:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 07:00	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 07:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 07:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 07:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 07:00	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 07:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 07:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 07:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 07:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 07:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 07:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 07:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 07:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 07:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 07:00	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-3-20220927 **Lab ID: 92628343011** Collected: 09/27/22 14:20 Received: 09/28/22 17:10 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		09/30/22 07:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 07:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 07:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 07:00	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/30/22 07:00	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		09/30/22 07:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-4-20220927 **Lab ID: 92628343012** Collected: 09/27/22 14:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 02:56	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 02:56	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 02:56	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	09/30/22 12:40	10/01/22 02:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	09/30/22 12:40	10/01/22 02:56	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	09/30/22 12:40	10/01/22 02:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	09/30/22 12:40	10/01/22 02:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	09/30/22 12:40	10/01/22 02:56	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	09/30/22 12:40	10/01/22 02:56	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	09/30/22 12:40	10/01/22 02:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	09/30/22 12:40	10/01/22 02:56	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	09/30/22 12:40	10/01/22 02:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	09/30/22 12:40	10/01/22 02:56	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	09/30/22 12:40	10/01/22 02:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 02:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 02:56	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	09/30/22 12:40	10/01/22 02:56	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	09/30/22 12:40	10/01/22 02:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 02:56	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	09/30/22 12:40	10/01/22 02:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	09/30/22 12:40	10/01/22 02:56	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 02:56	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	09/30/22 12:40	10/01/22 02:56	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 02:56	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 02:56	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 02:56	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 02:56	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 02:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	09/30/22 12:40	10/01/22 02:56	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	09/30/22 12:40	10/01/22 02:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 02:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	09/30/22 12:40	10/01/22 02:56	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	09/30/22 12:40	10/01/22 02:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	09/30/22 12:40	10/01/22 02:56	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 02:56	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 02:56	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 02:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	09/30/22 12:40	10/01/22 02:56	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 02:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	09/30/22 12:40	10/01/22 02:56	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 02:56	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 02:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 02:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 02:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	09/30/22 12:40	10/01/22 02:56	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-4-20220927 **Lab ID: 92628343012** Collected: 09/27/22 14:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	09/30/22 12:40	10/01/22 02:56	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	09/30/22 12:40	10/01/22 02:56	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	09/30/22 12:40	10/01/22 02:56	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 02:56	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 02:56	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	09/30/22 12:40	10/01/22 02:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 02:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	09/30/22 12:40	10/01/22 02:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	09/30/22 12:40	10/01/22 02:56	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	09/30/22 12:40	10/01/22 02:56	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	09/30/22 12:40	10/01/22 02:56	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 02:56	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	09/30/22 12:40	10/01/22 02:56	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 02:56	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 02:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	09/30/22 12:40	10/01/22 02:56	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-144		1	09/30/22 12:40	10/01/22 02:56	4165-60-0	
2-Fluorobiphenyl (S)	41	%	10-130		1	09/30/22 12:40	10/01/22 02:56	321-60-8	
Terphenyl-d14 (S)	119	%	34-163		1	09/30/22 12:40	10/01/22 02:56	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	09/30/22 12:40	10/01/22 02:56	13127-88-3	
2-Fluorophenol (S)	15	%	10-130		1	09/30/22 12:40	10/01/22 02:56	367-12-4	
2,4,6-Tribromophenol (S)	56	%	10-144		1	09/30/22 12:40	10/01/22 02:56	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 21:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	69-194		1	10/02/22 22:00	10/04/22 21:50	4165-60-0	
2-Fluorobiphenyl (S)	70	%	61-194		1	10/02/22 22:00	10/04/22 21:50	321-60-8	
Terphenyl-d14 (S)	78	%	69-180		1	10/02/22 22:00	10/04/22 21:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 07:18	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 07:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 07:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 07:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 07:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 07:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 07:18	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 07:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 07:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 07:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 07:18	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-4-20220927 **Lab ID: 92628343012** Collected: 09/27/22 14:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 07:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 07:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 07:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 07:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 07:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 07:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 07:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 07:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 07:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 07:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 07:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 07:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 07:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 07:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 07:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 07:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 07:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 07:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 07:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 07:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 07:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 07:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 07:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 07:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 07:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 07:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 07:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 07:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 07:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 07:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 07:18	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 07:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 07:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 07:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 07:18	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 07:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 07:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 07:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 07:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 07:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 07:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 07:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 07:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 07:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 07:18	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-4-20220927 **Lab ID: 92628343012** Collected: 09/27/22 14:00 Received: 09/28/22 17:10 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		09/30/22 07:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 07:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 07:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 07:18	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		09/30/22 07:18	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 07:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-7-20220926 **Lab ID: 92628343013** Collected: 09/26/22 16:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:24	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:24	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:24	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:20	09/30/22 23:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:20	09/30/22 23:24	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:20	09/30/22 23:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:20	09/30/22 23:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:20	09/30/22 23:24	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:20	09/30/22 23:24	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:20	09/30/22 23:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:20	09/30/22 23:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:20	09/30/22 23:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:20	09/30/22 23:24	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:20	09/30/22 23:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:20	09/30/22 23:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:24	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:24	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:20	09/30/22 23:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:24	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:20	09/30/22 23:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:20	09/30/22 23:24	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:24	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:20	09/30/22 23:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:24	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:24	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:24	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:20	09/30/22 23:24	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:20	09/30/22 23:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:20	09/30/22 23:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:20	09/30/22 23:24	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:24	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:24	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:20	09/30/22 23:24	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:20	09/30/22 23:24	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:24	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:20	09/30/22 23:24	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-7-20220926 **Lab ID: 92628343013** Collected: 09/26/22 16:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:20	09/30/22 23:24	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:20	09/30/22 23:24	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:20	09/30/22 23:24	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:24	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:24	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:20	09/30/22 23:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:20	09/30/22 23:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:20	09/30/22 23:24	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:20	09/30/22 23:24	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:20	09/30/22 23:24	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:24	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:20	09/30/22 23:24	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:24	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:20	09/30/22 23:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-144		1	09/30/22 12:20	09/30/22 23:24	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	09/30/22 12:20	09/30/22 23:24	321-60-8	
Terphenyl-d14 (S)	121	%	34-163		1	09/30/22 12:20	09/30/22 23:24	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	09/30/22 12:20	09/30/22 23:24	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	09/30/22 12:20	09/30/22 23:24	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	09/30/22 12:20	09/30/22 23:24	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 22:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	69-194		1	10/02/22 22:00	10/04/22 22:11	4165-60-0	
2-Fluorobiphenyl (S)	78	%	61-194		1	10/02/22 22:00	10/04/22 22:11	321-60-8	
Terphenyl-d14 (S)	79	%	69-180		1	10/02/22 22:00	10/04/22 22:11	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 07:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 07:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 07:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 07:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 07:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 07:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 07:37	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 07:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 07:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 07:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 07:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-7-20220926 **Lab ID: 92628343013** Collected: 09/26/22 16:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 07:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 07:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 07:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 07:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 07:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 07:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 07:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 07:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 07:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 07:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 07:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 07:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 07:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 07:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 07:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 07:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 07:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 07:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 07:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 07:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 07:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 07:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 07:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 07:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 07:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 07:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 07:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 07:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 07:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 07:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 07:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 07:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 07:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 07:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 07:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 07:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 07:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 07:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 07:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 07:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 07:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 07:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 07:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 07:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 07:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-7-20220926 **Lab ID: 92628343013** Collected: 09/26/22 16:00 Received: 09/28/22 17:10 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		09/30/22 07:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 07:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 07:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		09/30/22 07:37	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		09/30/22 07:37	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		09/30/22 07:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-8-20220926 **Lab ID: 92628343014** Collected: 09/26/22 16:45 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:50	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:50	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:50	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:20	09/30/22 23:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:20	09/30/22 23:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:20	09/30/22 23:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:20	09/30/22 23:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:20	09/30/22 23:50	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:20	09/30/22 23:50	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:20	09/30/22 23:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:20	09/30/22 23:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:20	09/30/22 23:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:20	09/30/22 23:50	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:20	09/30/22 23:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:20	09/30/22 23:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:50	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:20	09/30/22 23:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:50	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:20	09/30/22 23:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:20	09/30/22 23:50	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:20	09/30/22 23:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:50	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:50	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:20	09/30/22 23:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:20	09/30/22 23:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:20	09/30/22 23:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:20	09/30/22 23:50	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:50	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:50	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:20	09/30/22 23:50	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:20	09/30/22 23:50	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:20	09/30/22 23:50	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:20	09/30/22 23:50	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-8-20220926 **Lab ID: 92628343014** Collected: 09/26/22 16:45 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:20	09/30/22 23:50	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:20	09/30/22 23:50	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:20	09/30/22 23:50	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:50	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:50	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:20	09/30/22 23:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:20	09/30/22 23:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:20	09/30/22 23:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:20	09/30/22 23:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:20	09/30/22 23:50	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:20	09/30/22 23:50	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:20	09/30/22 23:50	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:20	09/30/22 23:50	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:20	09/30/22 23:50	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:20	09/30/22 23:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:20	09/30/22 23:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	10-144		1	09/30/22 12:20	09/30/22 23:50	4165-60-0	
2-Fluorobiphenyl (S)	53	%	10-130		1	09/30/22 12:20	09/30/22 23:50	321-60-8	
Terphenyl-d14 (S)	115	%	34-163		1	09/30/22 12:20	09/30/22 23:50	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	09/30/22 12:20	09/30/22 23:50	13127-88-3	
2-Fluorophenol (S)	52	%	10-130		1	09/30/22 12:20	09/30/22 23:50	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-144		1	09/30/22 12:20	09/30/22 23:50	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 22:33	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	69-194		1	10/02/22 22:00	10/04/22 22:33	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/02/22 22:00	10/04/22 22:33	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	10/02/22 22:00	10/04/22 22:33	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 02:18	67-64-1	v2
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 02:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 02:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 02:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 02:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 02:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 02:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 02:18	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 02:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 02:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 02:18	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-8-20220926 **Lab ID: 92628343014** Collected: 09/26/22 16:45 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 02:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 02:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 02:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 02:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 02:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 02:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 02:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 02:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 02:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 02:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 02:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 02:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 02:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 02:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 02:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 02:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 02:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 02:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 02:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 02:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 02:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 02:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 02:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 02:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 02:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 02:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 02:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 02:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 02:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 02:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 02:18	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 02:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 02:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 02:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 02:18	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 02:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 02:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 02:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 02:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 02:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 02:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 02:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 02:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 02:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 02:18	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-8-20220926 **Lab ID: 92628343014** Collected: 09/26/22 16:45 Received: 09/28/22 17:10 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		09/30/22 02:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 02:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 02:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		09/30/22 02:18	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		09/30/22 02:18	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		09/30/22 02:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-9-20220927 **Lab ID: 92628343015** Collected: 09/27/22 09:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 03:21	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 03:21	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 03:21	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	09/30/22 12:40	10/01/22 03:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	09/30/22 12:40	10/01/22 03:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	09/30/22 12:40	10/01/22 03:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	09/30/22 12:40	10/01/22 03:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	09/30/22 12:40	10/01/22 03:21	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	09/30/22 12:40	10/01/22 03:21	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	09/30/22 12:40	10/01/22 03:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	09/30/22 12:40	10/01/22 03:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	09/30/22 12:40	10/01/22 03:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	09/30/22 12:40	10/01/22 03:21	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	09/30/22 12:40	10/01/22 03:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 03:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 03:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	09/30/22 12:40	10/01/22 03:21	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	09/30/22 12:40	10/01/22 03:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 03:21	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	09/30/22 12:40	10/01/22 03:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	09/30/22 12:40	10/01/22 03:21	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 03:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	09/30/22 12:40	10/01/22 03:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 03:21	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 03:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 03:21	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 03:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 03:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	09/30/22 12:40	10/01/22 03:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	09/30/22 12:40	10/01/22 03:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 03:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	09/30/22 12:40	10/01/22 03:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	09/30/22 12:40	10/01/22 03:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	09/30/22 12:40	10/01/22 03:21	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 03:21	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	09/30/22 12:40	10/01/22 03:21	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 03:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	09/30/22 12:40	10/01/22 03:21	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 03:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	09/30/22 12:40	10/01/22 03:21	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	09/30/22 12:40	10/01/22 03:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 03:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 03:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 03:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	09/30/22 12:40	10/01/22 03:21	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-9-20220927 **Lab ID: 92628343015** Collected: 09/27/22 09:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	09/30/22 12:40	10/01/22 03:21	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	09/30/22 12:40	10/01/22 03:21	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	09/30/22 12:40	10/01/22 03:21	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 03:21	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 03:21	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	09/30/22 12:40	10/01/22 03:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	09/30/22 12:40	10/01/22 03:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	09/30/22 12:40	10/01/22 03:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	09/30/22 12:40	10/01/22 03:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	09/30/22 12:40	10/01/22 03:21	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	09/30/22 12:40	10/01/22 03:21	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	09/30/22 12:40	10/01/22 03:21	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	09/30/22 12:40	10/01/22 03:21	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	09/30/22 12:40	10/01/22 03:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	09/30/22 12:40	10/01/22 03:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	09/30/22 12:40	10/01/22 03:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	28	%	10-144		1	09/30/22 12:40	10/01/22 03:21	4165-60-0	
2-Fluorobiphenyl (S)	27	%	10-130		1	09/30/22 12:40	10/01/22 03:21	321-60-8	
Terphenyl-d14 (S)	104	%	34-163		1	09/30/22 12:40	10/01/22 03:21	1718-51-0	
Phenol-d6 (S)	24	%	10-130		1	09/30/22 12:40	10/01/22 03:21	13127-88-3	
2-Fluorophenol (S)	19	%	10-130		1	09/30/22 12:40	10/01/22 03:21	367-12-4	
2,4,6-Tribromophenol (S)	68	%	10-144		1	09/30/22 12:40	10/01/22 03:21	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 22:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	69-194		1	10/02/22 22:00	10/04/22 22:55	4165-60-0	
2-Fluorobiphenyl (S)	78	%	61-194		1	10/02/22 22:00	10/04/22 22:55	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	10/02/22 22:00	10/04/22 22:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 02:36	67-64-1	v2
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 02:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 02:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 02:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 02:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 02:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 02:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 02:36	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 02:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 02:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 02:36	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-9-20220927 **Lab ID: 92628343015** Collected: 09/27/22 09:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 02:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 02:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 02:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 02:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 02:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 02:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 02:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 02:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 02:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 02:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 02:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 02:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 02:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 02:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 02:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 02:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 02:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 02:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 02:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 02:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 02:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 02:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 02:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 02:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 02:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 02:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 02:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 02:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 02:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 02:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 02:36	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 02:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 02:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 02:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 02:36	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 02:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 02:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 02:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 02:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 02:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 02:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 02:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 02:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 02:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 02:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-9-20220927 **Lab ID: 92628343015** Collected: 09/27/22 09:30 Received: 09/28/22 17:10 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		09/30/22 02:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 02:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 02:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/30/22 02:36	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		09/30/22 02:36	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		09/30/22 02:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-10-20220927 **Lab ID: 92628343016** Collected: 09/27/22 10:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 03:46	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 03:46	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 03:46	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:40	10/01/22 03:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 03:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 03:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 03:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 03:46	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:40	10/01/22 03:46	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:40	10/01/22 03:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 03:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:40	10/01/22 03:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:40	10/01/22 03:46	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:40	10/01/22 03:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 03:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 03:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 03:46	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 03:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 03:46	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 03:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 03:46	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 03:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:40	10/01/22 03:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 03:46	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 03:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 03:46	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 03:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 03:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:40	10/01/22 03:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:40	10/01/22 03:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 03:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 03:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:40	10/01/22 03:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:40	10/01/22 03:46	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 03:46	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 03:46	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 03:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 03:46	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 03:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 03:46	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 03:46	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 03:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 03:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 03:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 03:46	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-10-20220927 **Lab ID: 92628343016** Collected: 09/27/22 10:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:40	10/01/22 03:46	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 03:46	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:40	10/01/22 03:46	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 03:46	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 03:46	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:40	10/01/22 03:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 03:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 03:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 03:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:40	10/01/22 03:46	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 03:46	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 03:46	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 03:46	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 03:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 03:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 03:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	28	%	10-144		1	09/30/22 12:40	10/01/22 03:46	4165-60-0	
2-Fluorobiphenyl (S)	26	%	10-130		1	09/30/22 12:40	10/01/22 03:46	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	09/30/22 12:40	10/01/22 03:46	1718-51-0	
Phenol-d6 (S)	21	%	10-130		1	09/30/22 12:40	10/01/22 03:46	13127-88-3	
2-Fluorophenol (S)	17	%	10-130		1	09/30/22 12:40	10/01/22 03:46	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-144		1	09/30/22 12:40	10/01/22 03:46	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 23:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	116	%	69-194		1	10/02/22 22:00	10/04/22 23:17	4165-60-0	
2-Fluorobiphenyl (S)	74	%	61-194		1	10/02/22 22:00	10/04/22 23:17	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/02/22 22:00	10/04/22 23:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 02:54	67-64-1	v2
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 02:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 02:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 02:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 02:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 02:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 02:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 02:54	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 02:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 02:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 02:54	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-10-20220927 **Lab ID: 92628343016** Collected: 09/27/22 10:20 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 02:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 02:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 02:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 02:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 02:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 02:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 02:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 02:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 02:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 02:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 02:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 02:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 02:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 02:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 02:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 02:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 02:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 02:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 02:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 02:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 02:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 02:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 02:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 02:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 02:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 02:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 02:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 02:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 02:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 02:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 02:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 02:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 02:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 02:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 02:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 02:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 02:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 02:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 02:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 02:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 02:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 02:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 02:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 02:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 02:54	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-10-20220927 **Lab ID: 92628343016** Collected: 09/27/22 10:20 Received: 09/28/22 17:10 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		09/30/22 02:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 02:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 02:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		09/30/22 02:54	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		09/30/22 02:54	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		09/30/22 02:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-11-20220927 **Lab ID: 92628343017** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:12	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:12	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:12	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:40	10/01/22 04:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 04:12	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 04:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 04:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 04:12	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:40	10/01/22 04:12	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:40	10/01/22 04:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 04:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:40	10/01/22 04:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:40	10/01/22 04:12	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:40	10/01/22 04:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 04:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:12	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:12	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 04:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:12	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 04:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 04:12	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:40	10/01/22 04:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:12	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:12	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:12	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:40	10/01/22 04:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:40	10/01/22 04:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:40	10/01/22 04:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:40	10/01/22 04:12	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:12	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:12	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 04:12	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 04:12	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:12	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:12	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 04:12	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-11-20220927 **Lab ID: 92628343017** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:40	10/01/22 04:12	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 04:12	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:40	10/01/22 04:12	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:12	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:12	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:40	10/01/22 04:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 04:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 04:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:40	10/01/22 04:12	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 04:12	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:12	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 04:12	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:12	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 04:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	51	%	10-144		1	09/30/22 12:40	10/01/22 04:12	4165-60-0	
2-Fluorobiphenyl (S)	43	%	10-130		1	09/30/22 12:40	10/01/22 04:12	321-60-8	
Terphenyl-d14 (S)	121	%	34-163		1	09/30/22 12:40	10/01/22 04:12	1718-51-0	
Phenol-d6 (S)	11	%	10-130		1	09/30/22 12:40	10/01/22 04:12	13127-88-3	
2-Fluorophenol (S)	3	%	10-130		1	09/30/22 12:40	10/01/22 04:12	367-12-4	S0
2,4,6-Tribromophenol (S)	11	%	10-144		1	09/30/22 12:40	10/01/22 04:12	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/04/22 23:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	69-194		1	10/02/22 22:00	10/04/22 23:38	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/02/22 22:00	10/04/22 23:38	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/02/22 22:00	10/04/22 23:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 03:12	67-64-1	v2
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 03:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 03:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 03:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 03:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 03:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 03:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 03:12	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 03:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 03:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 03:12	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-11-20220927 **Lab ID: 92628343017** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 03:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 03:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 03:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 03:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 03:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 03:12	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 03:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 03:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 03:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 03:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 03:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 03:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 03:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 03:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 03:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 03:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 03:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 03:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 03:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 03:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 03:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 03:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 03:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 03:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 03:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 03:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 03:12	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 03:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 03:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 03:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 03:12	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 03:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 03:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 03:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 03:12	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 03:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 03:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 03:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 03:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 03:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 03:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 03:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 03:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 03:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 03:12	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: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-11-20220927 **Lab ID: 92628343017** Collected: 09/27/22 11:30 Received: 09/28/22 17:10 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		09/30/22 03:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 03:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 03:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/30/22 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		09/30/22 03:12	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		09/30/22 03:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-12-20220927 **Lab ID: 92628343018** Collected: 09/27/22 12:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:37	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:37	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:37	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:40	10/01/22 04:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 04:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 04:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 04:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 04:37	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:40	10/01/22 04:37	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:40	10/01/22 04:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 04:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:40	10/01/22 04:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:40	10/01/22 04:37	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:40	10/01/22 04:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 04:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:37	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 04:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:37	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 04:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 04:37	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:40	10/01/22 04:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:37	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:37	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:40	10/01/22 04:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:40	10/01/22 04:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:40	10/01/22 04:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:40	10/01/22 04:37	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:37	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:37	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 04:37	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 04:37	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 04:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 04:37	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-12-20220927 **Lab ID: 92628343018** Collected: 09/27/22 12:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:40	10/01/22 04:37	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 04:37	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:40	10/01/22 04:37	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:37	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:37	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:40	10/01/22 04:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 04:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 04:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 04:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:40	10/01/22 04:37	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 04:37	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 04:37	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 04:37	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 04:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 04:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 04:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	46	%	10-144		1	09/30/22 12:40	10/01/22 04:37	4165-60-0	
2-Fluorobiphenyl (S)	39	%	10-130		1	09/30/22 12:40	10/01/22 04:37	321-60-8	
Terphenyl-d14 (S)	132	%	34-163		1	09/30/22 12:40	10/01/22 04:37	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	09/30/22 12:40	10/01/22 04:37	13127-88-3	
2-Fluorophenol (S)	25	%	10-130		1	09/30/22 12:40	10/01/22 04:37	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		1	09/30/22 12:40	10/01/22 04:37	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/05/22 00:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	69-194		1	10/02/22 22:00	10/05/22 00:00	4165-60-0	
2-Fluorobiphenyl (S)	73	%	61-194		1	10/02/22 22:00	10/05/22 00:00	321-60-8	
Terphenyl-d14 (S)	80	%	69-180		1	10/02/22 22:00	10/05/22 00:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		09/30/22 03:30	67-64-1	v2
Benzene	ND	ug/L	1.0	0.34	1		09/30/22 03:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/30/22 03:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/30/22 03:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/30/22 03:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/30/22 03:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/30/22 03:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/30/22 03:30	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/30/22 03:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/30/22 03:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/30/22 03:30	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-12-20220927 **Lab ID: 92628343018** Collected: 09/27/22 12:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		09/30/22 03:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/30/22 03:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 03:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/30/22 03:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/30/22 03:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/30/22 03:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/30/22 03:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 03:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/30/22 03:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/30/22 03:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/30/22 03:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/30/22 03:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 03:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/30/22 03:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 03:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/30/22 03:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/30/22 03:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/30/22 03:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/30/22 03:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/30/22 03:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 03:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/30/22 03:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/30/22 03:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/30/22 03:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/30/22 03:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/30/22 03:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/30/22 03:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		09/30/22 03:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/30/22 03:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/30/22 03:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/30/22 03:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/30/22 03:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/30/22 03:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/30/22 03:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		09/30/22 03:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/30/22 03:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/30/22 03:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/30/22 03:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/30/22 03:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/30/22 03:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/30/22 03:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/30/22 03:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/30/22 03:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/30/22 03:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/30/22 03:30	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: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: SW-12-20220927 **Lab ID: 92628343018** Collected: 09/27/22 12:00 Received: 09/28/22 17:10 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		09/30/22 03:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/30/22 03:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/30/22 03:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		09/30/22 03:30	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		09/30/22 03:30	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		09/30/22 03:30	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: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: DUP-01-20220927 **Lab ID: 92628343019** Collected: 09/27/22 20:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 05:02	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 05:02	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 05:02	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	09/30/22 12:40	10/01/22 05:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 05:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	09/30/22 12:40	10/01/22 05:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 05:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 05:02	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	09/30/22 12:40	10/01/22 05:02	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	09/30/22 12:40	10/01/22 05:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 05:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	09/30/22 12:40	10/01/22 05:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	09/30/22 12:40	10/01/22 05:02	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	09/30/22 12:40	10/01/22 05:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	09/30/22 12:40	10/01/22 05:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 05:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 05:02	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 05:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 05:02	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	09/30/22 12:40	10/01/22 05:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 05:02	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 05:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	09/30/22 12:40	10/01/22 05:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 05:02	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 05:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 05:02	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 05:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 05:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	09/30/22 12:40	10/01/22 05:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	09/30/22 12:40	10/01/22 05:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 05:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 05:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	09/30/22 12:40	10/01/22 05:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	09/30/22 12:40	10/01/22 05:02	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 05:02	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 05:02	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 05:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 05:02	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 05:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	09/30/22 12:40	10/01/22 05:02	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	09/30/22 12:40	10/01/22 05:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 05:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 05:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 05:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	09/30/22 12:40	10/01/22 05:02	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: DUP-01-20220927 **Lab ID: 92628343019** Collected: 09/27/22 20:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	09/30/22 12:40	10/01/22 05:02	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 05:02	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	09/30/22 12:40	10/01/22 05:02	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 05:02	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 05:02	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	09/30/22 12:40	10/01/22 05:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	09/30/22 12:40	10/01/22 05:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 05:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	09/30/22 12:40	10/01/22 05:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	09/30/22 12:40	10/01/22 05:02	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	09/30/22 12:40	10/01/22 05:02	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	09/30/22 12:40	10/01/22 05:02	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	09/30/22 12:40	10/01/22 05:02	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	09/30/22 12:40	10/01/22 05:02	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	09/30/22 12:40	10/01/22 05:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	09/30/22 12:40	10/01/22 05:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	43	%	10-144		1	09/30/22 12:40	10/01/22 05:02	4165-60-0	
2-Fluorobiphenyl (S)	29	%	10-130		1	09/30/22 12:40	10/01/22 05:02	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	09/30/22 12:40	10/01/22 05:02	1718-51-0	
Phenol-d6 (S)	20	%	10-130		1	09/30/22 12:40	10/01/22 05:02	13127-88-3	
2-Fluorophenol (S)	9	%	10-130		1	09/30/22 12:40	10/01/22 05:02	367-12-4	S0
2,4,6-Tribromophenol (S)	29	%	10-144		1	09/30/22 12:40	10/01/22 05:02	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/02/22 22:00	10/05/22 00:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/02/22 22:00	10/05/22 00:22	4165-60-0	
2-Fluorobiphenyl (S)	78	%	61-194		1	10/02/22 22:00	10/05/22 00:22	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	10/02/22 22:00	10/05/22 00:22	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/01/22 02:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/01/22 02:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/01/22 02:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/01/22 02:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/01/22 02:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/01/22 02:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/01/22 02:08	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/01/22 02:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/01/22 02:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/01/22 02:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/01/22 02:08	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: DUP-01-20220927 **Lab ID: 92628343019** Collected: 09/27/22 20:00 Received: 09/28/22 17:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/01/22 02:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/01/22 02:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/01/22 02:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/01/22 02:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/01/22 02:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/01/22 02:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/01/22 02:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/01/22 02:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/01/22 02:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/01/22 02:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/01/22 02:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/01/22 02:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/01/22 02:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/01/22 02:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/01/22 02:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/01/22 02:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/01/22 02:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/01/22 02:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/01/22 02:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/01/22 02:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/01/22 02:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/01/22 02:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/01/22 02:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/01/22 02:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/01/22 02:08	87-68-3	v2
2-Hexanone	ND	ug/L	5.0	0.48	1		10/01/22 02:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/01/22 02:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/01/22 02:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/01/22 02:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/01/22 02:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/01/22 02:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/01/22 02:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/01/22 02:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/01/22 02:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/01/22 02:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/01/22 02:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/01/22 02:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/01/22 02:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/01/22 02:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/01/22 02:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/01/22 02:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/01/22 02:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/01/22 02:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/01/22 02:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/01/22 02:08	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: DUP-01-20220927 **Lab ID: 92628343019** Collected: 09/27/22 20:00 Received: 09/28/22 17:10 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		10/01/22 02:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/01/22 02:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/01/22 02:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/01/22 02:08	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/01/22 02:08	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/01/22 02:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: TB-01-20220927 **Lab ID: 92628343020** Collected: 09/27/22 00:00 Received: 09/28/22 17:10 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	**39.1**	ug/L	25.0	5.1	1		09/29/22 20:18	67-64-1	v3
Benzene	ND	ug/L	1.0	0.34	1		09/29/22 20:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/29/22 20:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/29/22 20:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/29/22 20:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/29/22 20:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/29/22 20:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/29/22 20:18	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/29/22 20:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/29/22 20:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/29/22 20:18	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		09/29/22 20:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/29/22 20:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/29/22 20:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/29/22 20:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/29/22 20:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/29/22 20:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/29/22 20:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/29/22 20:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/29/22 20:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/29/22 20:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/29/22 20:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/29/22 20:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/29/22 20:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/29/22 20:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/29/22 20:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/29/22 20:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/29/22 20:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/29/22 20:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/29/22 20:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/29/22 20:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/29/22 20:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/29/22 20:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/29/22 20:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/29/22 20:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/29/22 20:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/29/22 20:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/29/22 20:18	99-87-6	
Methylene Chloride	**3.2J**	ug/L	5.0	2.0	1		09/29/22 20:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/29/22 20:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/29/22 20:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/29/22 20:18	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/29/22 20:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/29/22 20:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/29/22 20:18	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: TB-01-20220927 **Lab ID: 92628343020** Collected: 09/27/22 00:00 Received: 09/28/22 17:10 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		09/29/22 20:18	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/29/22 20:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/29/22 20:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/29/22 20:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/29/22 20:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/29/22 20:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/29/22 20:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/29/22 20:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/29/22 20:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/29/22 20:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/29/22 20:18	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		09/29/22 20:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/29/22 20:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/29/22 20:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		09/29/22 20:18	460-00-4	C0
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		09/29/22 20:18	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		09/29/22 20:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: TB-02-20220927 **Lab ID: 92628343021** Collected: 09/27/22 00:00 Received: 09/28/22 17:10 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	**41.8**	ug/L	25.0	5.1	1		09/29/22 20:35	67-64-1	v3
Benzene	ND	ug/L	1.0	0.34	1		09/29/22 20:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		09/29/22 20:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		09/29/22 20:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		09/29/22 20:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		09/29/22 20:35	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		09/29/22 20:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		09/29/22 20:35	78-93-3	v2
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		09/29/22 20:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		09/29/22 20:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		09/29/22 20:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		09/29/22 20:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		09/29/22 20:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/29/22 20:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		09/29/22 20:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		09/29/22 20:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		09/29/22 20:35	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		09/29/22 20:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/29/22 20:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		09/29/22 20:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		09/29/22 20:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		09/29/22 20:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		09/29/22 20:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		09/29/22 20:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		09/29/22 20:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		09/29/22 20:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		09/29/22 20:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		09/29/22 20:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		09/29/22 20:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		09/29/22 20:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		09/29/22 20:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/29/22 20:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		09/29/22 20:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		09/29/22 20:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		09/29/22 20:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		09/29/22 20:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		09/29/22 20:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		09/29/22 20:35	99-87-6	
Methylene Chloride	**5.3**	ug/L	5.0	2.0	1		09/29/22 20:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		09/29/22 20:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		09/29/22 20:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		09/29/22 20:35	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		09/29/22 20:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		09/29/22 20:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		09/29/22 20:35	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Sample: TB-02-20220927 **Lab ID: 92628343021** Collected: 09/27/22 00:00 Received: 09/28/22 17:10 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		09/29/22 20:35	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		09/29/22 20:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		09/29/22 20:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		09/29/22 20:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		09/29/22 20:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		09/29/22 20:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		09/29/22 20:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		09/29/22 20:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		09/29/22 20:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		09/29/22 20:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		09/29/22 20:35	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		09/29/22 20:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		09/29/22 20:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		09/29/22 20:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		09/29/22 20:35	460-00-4	C0
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		09/29/22 20:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		09/29/22 20:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 726884
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628343001, 92628343003, 92628343004, 92628343005, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010, 92628343011, 92628343012, 92628343013

METHOD BLANK: 3785675
Matrix: Water
Associated Lab Samples: 92628343001, 92628343003, 92628343004, 92628343005, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010, 92628343011, 92628343012, 92628343013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	09/30/22 02:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	09/30/22 02:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	09/30/22 02:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	09/30/22 02:58	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	09/30/22 02:58	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	09/30/22 02:58	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	09/30/22 02:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	09/30/22 02:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	09/30/22 02:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	09/30/22 02:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	09/30/22 02:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	09/30/22 02:58	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	09/30/22 02:58	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	09/30/22 02:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	09/30/22 02:58	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	09/30/22 02:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	09/30/22 02:58	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	09/30/22 02:58	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	09/30/22 02:58	
2-Chlorotoluene	ug/L	ND	1.0	0.32	09/30/22 02:58	
2-Hexanone	ug/L	ND	5.0	0.48	09/30/22 02:58	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	09/30/22 02:58	
4-Chlorotoluene	ug/L	ND	1.0	0.32	09/30/22 02:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	09/30/22 02:58	
Acetone	ug/L	ND	25.0	5.1	09/30/22 02:58	
Benzene	ug/L	ND	1.0	0.34	09/30/22 02:58	
Bromobenzene	ug/L	ND	1.0	0.29	09/30/22 02:58	
Bromochloromethane	ug/L	ND	1.0	0.47	09/30/22 02:58	
Bromodichloromethane	ug/L	ND	1.0	0.31	09/30/22 02:58	
Bromoform	ug/L	ND	1.0	0.34	09/30/22 02:58	
Bromomethane	ug/L	ND	2.0	1.7	09/30/22 02:58	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	09/30/22 02:58	
Chlorobenzene	ug/L	ND	1.0	0.28	09/30/22 02:58	
Chloroethane	ug/L	ND	1.0	0.65	09/30/22 02:58	
Chloroform	ug/L	ND	1.0	0.43	09/30/22 02:58	
Chloromethane	ug/L	ND	1.0	0.54	09/30/22 02:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	09/30/22 02:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/30/22 02:58	
Dibromochloromethane	ug/L	ND	1.0	0.36	09/30/22 02:58	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3785675 Matrix: Water

Associated Lab Samples: 92628343001, 92628343003, 92628343004, 92628343005, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010, 92628343011, 92628343012, 92628343013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	0.39	09/30/22 02:58	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	09/30/22 02:58	
Diisopropyl ether	ug/L	ND	1.0	0.31	09/30/22 02:58	
Ethanol	ug/L	ND	200	72.2	09/30/22 02:58	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	09/30/22 02:58	
Ethylbenzene	ug/L	ND	1.0	0.30	09/30/22 02:58	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	09/30/22 02:58	
m&p-Xylene	ug/L	ND	2.0	0.71	09/30/22 02:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	09/30/22 02:58	
Methylene Chloride	ug/L	ND	5.0	2.0	09/30/22 02:58	
Naphthalene	ug/L	ND	1.0	0.64	09/30/22 02:58	
o-Xylene	ug/L	ND	1.0	0.34	09/30/22 02:58	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	09/30/22 02:58	
Styrene	ug/L	ND	1.0	0.29	09/30/22 02:58	
tert-Amyl Alcohol	ug/L	ND	100	36.4	09/30/22 02:58	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	09/30/22 02:58	
tert-Butyl Alcohol	ug/L	ND	100	26.8	09/30/22 02:58	
tert-Butyl Formate	ug/L	ND	50.0	29.4	09/30/22 02:58	
Tetrachloroethene	ug/L	ND	1.0	0.29	09/30/22 02:58	
Toluene	ug/L	ND	1.0	0.48	09/30/22 02:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	09/30/22 02:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/30/22 02:58	
Trichloroethene	ug/L	ND	1.0	0.38	09/30/22 02:58	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	09/30/22 02:58	
Vinyl acetate	ug/L	ND	2.0	1.3	09/30/22 02:58	
Vinyl chloride	ug/L	ND	1.0	0.39	09/30/22 02:58	
Xylene (Total)	ug/L	ND	1.0	0.34	09/30/22 02:58	
1,2-Dichloroethane-d4 (S)	%	102	70-130		09/30/22 02:58	
4-Bromofluorobenzene (S)	%	98	70-130		09/30/22 02:58	
Toluene-d8 (S)	%	98	70-130		09/30/22 02:58	

LABORATORY CONTROL SAMPLE: 3785676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	70-130	
1,1,1-Trichloroethane	ug/L	50	48.6	97	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	70-130	
1,1,2-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1-Dichloroethane	ug/L	50	46.9	94	70-130	
1,1-Dichloroethene	ug/L	50	48.7	97	70-130	
1,1-Dichloropropene	ug/L	50	49.8	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.3	107	70-130	
1,2,3-Trichloropropane	ug/L	50	52.9	106	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3785676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	53.1	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.0	102	70-130	
1,2-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	49.4	99	70-130	
1,3-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,3-Dichloropropane	ug/L	50	50.5	101	70-130	
1,4-Dichlorobenzene	ug/L	50	51.3	103	70-130	
2,2-Dichloropropane	ug/L	50	46.1	92	70-130	
2-Butanone (MEK)	ug/L	100	99.5	99	70-130	
2-Chlorotoluene	ug/L	50	50.1	100	70-130	
2-Hexanone	ug/L	100	106	106	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1060	106	70-130	
4-Chlorotoluene	ug/L	50	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	70-130	
Acetone	ug/L	100	98.8	99	70-130	
Benzene	ug/L	50	47.4	95	70-130	
Bromobenzene	ug/L	50	51.5	103	70-130	
Bromochloromethane	ug/L	50	48.3	97	70-130	
Bromodichloromethane	ug/L	50	48.9	98	70-130	
Bromoform	ug/L	50	49.4	99	70-130	
Bromomethane	ug/L	50	46.4	93	70-130	v2
Carbon tetrachloride	ug/L	50	47.4	95	70-130	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	44.5	89	70-130	
Chloroform	ug/L	50	46.4	93	70-130	
Chloromethane	ug/L	50	46.1	92	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Dibromochloromethane	ug/L	50	48.5	97	70-130	
Dibromomethane	ug/L	50	50.7	101	70-130	
Dichlorodifluoromethane	ug/L	50	41.1	82	70-130	
Diisopropyl ether	ug/L	50	46.6	93	70-130	
Ethanol	ug/L	2000	1950	97	70-130	
Ethyl-tert-butyl ether	ug/L	100	92.4	92	70-130	
Ethylbenzene	ug/L	50	50.7	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.4	103	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	48.1	96	70-130	
Methylene Chloride	ug/L	50	44.7	89	70-130	
Naphthalene	ug/L	50	54.8	110	70-130	
o-Xylene	ug/L	50	49.2	98	70-130	
p-Isopropyltoluene	ug/L	50	52.1	104	70-130	
Styrene	ug/L	50	51.5	103	70-130	
tert-Amyl Alcohol	ug/L	1000	1080	108	70-130	
tert-Amylmethyl ether	ug/L	100	104	104	70-130	
tert-Butyl Alcohol	ug/L	500	518	104	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3785676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Formate	ug/L	400	388	97	70-130	
Tetrachloroethene	ug/L	50	49.2	98	70-130	
Toluene	ug/L	50	49.6	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.4	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.2	100	70-130	
Trichloroethene	ug/L	50	51.7	103	70-130	
Trichlorofluoromethane	ug/L	50	50.0	100	70-130	
Vinyl acetate	ug/L	100	98.0	98	70-130	
Vinyl chloride	ug/L	50	43.7	87	70-130	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3785677 3785678

Parameter	Units	92628343003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	121	117	121	117	73-134	3	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	124	119	124	119	82-143	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	117	113	117	113	70-136	3	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	116	114	116	114	70-135	2	30	
1,1-Dichloroethane	ug/L	ND	100	100	114	110	114	110	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	100	100	126	122	126	122	70-154	3	30	
1,1-Dichloropropene	ug/L	ND	100	100	130	125	130	125	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	123	124	123	124	70-135	1	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	117	115	117	115	71-137	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	124	126	124	126	73-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	104	106	104	106	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	124	122	124	122	70-133	1	30	
1,2-Dichloroethane	ug/L	ND	100	100	120	115	120	115	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	100	100	119	116	119	116	70-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	126	123	126	123	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	100	100	120	116	120	116	70-143	4	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	121	121	121	121	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	100	100	123	117	123	117	61-148	5	30	
2-Butanone (MEK)	ug/L	ND	200	200	198	199	99	99	60-139	0	30	
2-Chlorotoluene	ug/L	ND	100	100	121	116	121	116	70-144	4	30	
2-Hexanone	ug/L	ND	200	200	214	219	107	110	65-138	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	2000	2000	1950	2120	98	106	39-157	8	30	
4-Chlorotoluene	ug/L	ND	100	100	124	121	124	121	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	200	200	210	216	105	108	65-135	3	30	
Acetone	ug/L	ND	200	200	204	210	102	105	60-148	3	30	
Benzene	ug/L	192	100	100	326	319	134	126	70-151	2	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3785677 3785678

Parameter	Units	92628343003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromobenzene	ug/L	ND	100	100	120	117	120	117	70-136	3	30	
Bromochloromethane	ug/L	ND	100	100	117	113	117	113	70-141	4	30	
Bromodichloromethane	ug/L	ND	100	100	115	113	115	113	70-138	2	30	
Bromoform	ug/L	ND	100	100	107	106	107	106	63-130	2	30	
Bromomethane	ug/L	ND	100	100	141	129	141	129	15-152	9	30	
Carbon tetrachloride	ug/L	ND	100	100	124	120	124	120	70-143	3	30	
Chlorobenzene	ug/L	ND	100	100	126	121	126	121	70-138	4	30	
Chloroethane	ug/L	ND	100	100	129	121	129	121	52-163	7	30	
Chloroform	ug/L	ND	100	100	116	111	116	111	70-139	4	30	
Chloromethane	ug/L	ND	100	100	115	108	115	108	41-139	6	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	118	113	118	113	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	115	111	115	111	70-137	3	30	
Dibromochloromethane	ug/L	ND	100	100	113	108	113	108	70-134	4	30	
Dibromomethane	ug/L	ND	100	100	119	116	119	116	70-138	3	30	
Dichlorodifluoromethane	ug/L	ND	100	100	122	113	122	113	47-155	7	30	
Diisopropyl ether	ug/L	ND	100	100	109	105	109	105	63-144	3	30	
Ethanol	ug/L	ND	4000	4000	3860	3950	96	99	39-176	2	30	
Ethyl-tert-butyl ether	ug/L	ND	200	200	214	206	107	103	66-137	4	30	
Ethylbenzene	ug/L	20.6	100	100	147	142	127	122	66-153	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	134	133	134	133	65-149	1	30	
m&p-Xylene	ug/L	45.6	200	200	301	290	128	122	69-152	4	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	110	107	109	106	54-156	3	30	
Methylene Chloride	ug/L	40.1	100	100	129	131	89	91	42-159	1	30	
Naphthalene	ug/L	595	100	100	714	769	119	174	61-148	7	30	M1
o-Xylene	ug/L	21.2	100	100	142	137	120	116	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	100	100	132	129	132	129	70-146	3	30	
Styrene	ug/L	48.6	100	100	175	171	126	123	70-135	2	30	
tert-Amyl Alcohol	ug/L	ND	2000	2000	2000	2110	100	105	54-153	5	30	
tert-Amylmethyl ether	ug/L	ND	200	200	232	229	116	114	69-139	1	30	
tert-Butyl Alcohol	ug/L	ND	1000	1000	1020	1060	102	106	43-188	4	30	
tert-Butyl Formate	ug/L	ND	800	800	717	676	90	84	10-170	6	30	
Tetrachloroethene	ug/L	ND	100	100	127	120	127	120	59-143	6	30	
Toluene	ug/L	162	100	100	294	289	132	127	59-148	2	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	121	118	121	118	70-146	3	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	113	112	113	112	70-135	1	30	
Trichloroethene	ug/L	ND	100	100	128	126	128	126	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	100	100	141	133	141	133	70-148	6	30	
Vinyl acetate	ug/L	ND	200	200	223	216	112	108	49-151	3	30	
Vinyl chloride	ug/L	ND	100	100	117	110	117	110	70-156	6	30	
Xylene (Total)	ug/L	66.8	300	300	443	427	125	120	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						101	101	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 726890 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628343014, 92628343015, 92628343016, 92628343017, 92628343018, 92628343020, 92628343021

METHOD BLANK: 3785689 Matrix: Water
Associated Lab Samples: 92628343014, 92628343015, 92628343016, 92628343017, 92628343018, 92628343020, 92628343021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	09/29/22 19:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	09/29/22 19:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	09/29/22 19:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	09/29/22 19:24	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	09/29/22 19:24	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	09/29/22 19:24	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	09/29/22 19:24	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	09/29/22 19:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	09/29/22 19:24	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	09/29/22 19:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	09/29/22 19:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	09/29/22 19:24	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	09/29/22 19:24	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	09/29/22 19:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	09/29/22 19:24	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	09/29/22 19:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	09/29/22 19:24	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	09/29/22 19:24	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	09/29/22 19:24	v2
2-Chlorotoluene	ug/L	ND	1.0	0.32	09/29/22 19:24	
2-Hexanone	ug/L	ND	5.0	0.48	09/29/22 19:24	
4-Chlorotoluene	ug/L	ND	1.0	0.32	09/29/22 19:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	09/29/22 19:24	
Acetone	ug/L	ND	25.0	5.1	09/29/22 19:24	v2
Benzene	ug/L	ND	1.0	0.34	09/29/22 19:24	
Bromobenzene	ug/L	ND	1.0	0.29	09/29/22 19:24	
Bromochloromethane	ug/L	ND	1.0	0.47	09/29/22 19:24	
Bromodichloromethane	ug/L	ND	1.0	0.31	09/29/22 19:24	
Bromoform	ug/L	ND	1.0	0.34	09/29/22 19:24	
Bromomethane	ug/L	ND	2.0	1.7	09/29/22 19:24	
Carbon tetrachloride	ug/L	ND	1.0	0.33	09/29/22 19:24	
Chlorobenzene	ug/L	ND	1.0	0.28	09/29/22 19:24	
Chloroethane	ug/L	ND	1.0	0.65	09/29/22 19:24	
Chloroform	ug/L	ND	1.0	0.43	09/29/22 19:24	
Chloromethane	ug/L	ND	1.0	0.54	09/29/22 19:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	09/29/22 19:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/29/22 19:24	
Dibromochloromethane	ug/L	ND	1.0	0.36	09/29/22 19:24	
Dibromomethane	ug/L	ND	1.0	0.39	09/29/22 19:24	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	09/29/22 19:24	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3785689 Matrix: Water
Associated Lab Samples: 92628343014, 92628343015, 92628343016, 92628343017, 92628343018, 92628343020, 92628343021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	09/29/22 19:24	
Ethylbenzene	ug/L	ND	1.0	0.30	09/29/22 19:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	09/29/22 19:24	
m&p-Xylene	ug/L	ND	2.0	0.71	09/29/22 19:24	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	09/29/22 19:24	
Methylene Chloride	ug/L	ND	5.0	2.0	09/29/22 19:24	
Naphthalene	ug/L	ND	1.0	0.64	09/29/22 19:24	
o-Xylene	ug/L	ND	1.0	0.34	09/29/22 19:24	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	09/29/22 19:24	
Styrene	ug/L	ND	1.0	0.29	09/29/22 19:24	
Tetrachloroethene	ug/L	ND	1.0	0.29	09/29/22 19:24	
Toluene	ug/L	ND	1.0	0.48	09/29/22 19:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	09/29/22 19:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/29/22 19:24	
Trichloroethene	ug/L	ND	1.0	0.38	09/29/22 19:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	09/29/22 19:24	
Vinyl acetate	ug/L	ND	2.0	1.3	09/29/22 19:24	
Vinyl chloride	ug/L	ND	1.0	0.39	09/29/22 19:24	
Xylene (Total)	ug/L	ND	1.0	0.34	09/29/22 19:24	
1,2-Dichloroethane-d4 (S)	%	89	70-130		09/29/22 19:24	
4-Bromofluorobenzene (S)	%	97	70-130		09/29/22 19:24	
Toluene-d8 (S)	%	101	70-130		09/29/22 19:24	

LABORATORY CONTROL SAMPLE: 3785690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	70-130	
1,1,1-Trichloroethane	ug/L	50	46.1	92	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	70-130	
1,1,2-Trichloroethane	ug/L	50	48.2	96	70-130	
1,1-Dichloroethane	ug/L	50	45.7	91	70-130	
1,1-Dichloroethene	ug/L	50	44.4	89	70-130	
1,1-Dichloropropene	ug/L	50	50.2	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.6	93	70-130	
1,2,3-Trichloropropane	ug/L	50	43.3	87	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.3	95	70-130	
1,2-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dichloroethane	ug/L	50	42.9	86	70-130	
1,2-Dichloropropane	ug/L	50	49.5	99	70-130	
1,3-Dichlorobenzene	ug/L	50	50.3	101	70-130	
1,3-Dichloropropane	ug/L	50	48.1	96	70-130	
1,4-Dichlorobenzene	ug/L	50	49.1	98	70-130	
2,2-Dichloropropane	ug/L	50	43.0	86	70-130	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3785690

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	80.8	81	70-130	v3
2-Chlorotoluene	ug/L	50	50.1	100	70-130	
2-Hexanone	ug/L	100	89.1	89	70-130	
4-Chlorotoluene	ug/L	50	49.7	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	85.9	86	70-130	
Acetone	ug/L	100	76.9	77	70-130	v3
Benzene	ug/L	50	46.2	92	70-130	
Bromobenzene	ug/L	50	51.1	102	70-130	
Bromochloromethane	ug/L	50	51.2	102	70-130	
Bromodichloromethane	ug/L	50	47.1	94	70-130	
Bromoform	ug/L	50	48.2	96	70-130	
Bromomethane	ug/L	50	38.7	77	70-130	
Carbon tetrachloride	ug/L	50	44.4	89	70-130	
Chlorobenzene	ug/L	50	49.9	100	70-130	
Chloroethane	ug/L	50	35.6	71	70-130	
Chloroform	ug/L	50	47.2	94	70-130	
Chloromethane	ug/L	50	48.9	98	70-130	
cis-1,2-Dichloroethene	ug/L	50	46.2	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.8	100	70-130	
Dibromochloromethane	ug/L	50	49.0	98	70-130	
Dibromomethane	ug/L	50	49.5	99	70-130	
Dichlorodifluoromethane	ug/L	50	44.1	88	70-130	
Diisopropyl ether	ug/L	50	46.8	94	70-130	
Ethylbenzene	ug/L	50	48.9	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	70-130	
m&p-Xylene	ug/L	100	97.7	98	70-130	
Methyl-tert-butyl ether	ug/L	50	45.4	91	70-130	
Methylene Chloride	ug/L	50	42.8	86	70-130	
Naphthalene	ug/L	50	49.4	99	70-130	
o-Xylene	ug/L	50	49.8	100	70-130	
p-Isopropyltoluene	ug/L	50	51.7	103	70-130	
Styrene	ug/L	50	50.7	101	70-130	
Tetrachloroethene	ug/L	50	48.2	96	70-130	
Toluene	ug/L	50	46.3	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	70-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Trichlorofluoromethane	ug/L	50	39.8	80	70-130	
Vinyl acetate	ug/L	100	89.4	89	70-130	
Vinyl chloride	ug/L	50	51.2	102	70-130	
Xylene (Total)	ug/L	150	148	98	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3786506 3786507

Parameter	Units	92628343014 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	19.4	20.4	97	102	73-134	5	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	24.6	125	123	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.2	19.7	101	99	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.9	21.3	109	106	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.8	23.6	119	118	70-139	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.1	24.3	120	122	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.4	23.8	122	119	70-149	2	30	v1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	20.8	110	104	70-135	6	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.7	19.5	99	98	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.4	20.9	112	105	73-140	7	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.1	19.5	100	98	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.4	20.8	107	104	70-133	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.1	23.0	116	115	70-137	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	24.0	23.9	120	120	70-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.3	21.6	111	108	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.5	19.4	98	97	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.3	20.6	107	103	70-133	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.5	22.6	117	113	61-148	4	30	
2-Butanone (MEK)	ug/L	ND	40	40	45.2	46.6	113	117	60-139	3	30	v1
2-Chlorotoluene	ug/L	ND	20	20	21.8	21.5	109	107	70-144	1	30	
2-Hexanone	ug/L	ND	40	40	43.7	44.3	109	111	65-138	1	30	
4-Chlorotoluene	ug/L	ND	20	20	22.2	21.1	111	105	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	43.9	41.0	110	102	65-135	7	30	
Acetone	ug/L	ND	40	40	45.2	44.6	113	111	60-148	1	30	
Benzene	ug/L	ND	20	20	22.3	21.0	112	105	70-151	6	30	
Bromobenzene	ug/L	ND	20	20	20.4	19.5	102	97	70-136	5	30	
Bromochloromethane	ug/L	ND	20	20	21.5	22.0	107	110	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	23.5	22.7	117	113	70-138	3	30	
Bromoform	ug/L	ND	20	20	17.5	18.0	88	90	63-130	3	30	IK
Bromomethane	ug/L	ND	20	20	25.3	24.3	126	121	15-152	4	30	
Carbon tetrachloride	ug/L	ND	20	20	25.4	23.9	127	119	70-143	6	30	
Chlorobenzene	ug/L	ND	20	20	20.7	20.8	104	104	70-138	0	30	
Chloroethane	ug/L	ND	20	20	25.8	26.0	129	130	52-163	1	30	
Chloroform	ug/L	ND	20	20	22.2	23.0	111	115	70-139	4	30	
Chloromethane	ug/L	ND	20	20	25.1	24.6	125	123	41-139	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.3	23.1	111	116	70-141	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.1	18.8	96	94	70-137	2	30	
Dibromochloromethane	ug/L	ND	20	20	15.9	15.9	80	80	70-134	0	30	IK
Dibromomethane	ug/L	ND	20	20	23.8	22.0	119	110	70-138	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	24.5	24.7	123	123	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	20.6	20.5	103	103	63-144	1	30	
Ethylbenzene	ug/L	ND	20	20	21.5	21.5	107	108	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.0	21.8	120	109	65-149	10	30	
m&p-Xylene	ug/L	ND	40	40	44.1	43.0	110	108	69-152	2	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3786506 3786507

Parameter	Units	92628343014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.8	20.3	104	101	54-156	3	30	
Methylene Chloride	ug/L	ND	20	20	21.4	21.3	107	107	42-159	0	30	
Naphthalene	ug/L	ND	20	20	21.8	20.2	109	101	61-148	8	30	
o-Xylene	ug/L	ND	20	20	20.7	20.6	104	103	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	24.2	23.2	121	116	70-146	4	30	
Styrene	ug/L	ND	20	20	20.9	20.5	105	103	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.2	20.2	101	101	59-143	0	30	
Toluene	ug/L	ND	20	20	23.0	21.8	115	109	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.6	23.8	118	119	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.3	20.0	106	100	70-135	6	30	
Trichloroethene	ug/L	ND	20	20	24.2	23.1	121	115	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.0	23.5	120	117	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	36.2	35.1	91	88	49-151	3	30	IK
Vinyl chloride	ug/L	ND	20	20	27.7	27.5	139	137	70-156	1	30	
Xylene (Total)	ug/L	ND	60	60	64.8	63.7	108	106	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						103	105	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						105	102	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727114
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92628343019

METHOD BLANK: 3786670 Matrix: Water
Associated Lab Samples: 92628343019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	09/30/22 23:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	09/30/22 23:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	09/30/22 23:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	09/30/22 23:24	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	09/30/22 23:24	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	09/30/22 23:24	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	09/30/22 23:24	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	09/30/22 23:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	09/30/22 23:24	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	09/30/22 23:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	09/30/22 23:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	09/30/22 23:24	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	09/30/22 23:24	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	09/30/22 23:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	09/30/22 23:24	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	09/30/22 23:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	09/30/22 23:24	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	09/30/22 23:24	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	09/30/22 23:24	
2-Chlorotoluene	ug/L	ND	1.0	0.32	09/30/22 23:24	
2-Hexanone	ug/L	ND	5.0	0.48	09/30/22 23:24	
4-Chlorotoluene	ug/L	ND	1.0	0.32	09/30/22 23:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	09/30/22 23:24	
Acetone	ug/L	ND	25.0	5.1	09/30/22 23:24	
Benzene	ug/L	ND	1.0	0.34	09/30/22 23:24	
Bromobenzene	ug/L	ND	1.0	0.29	09/30/22 23:24	
Bromochloromethane	ug/L	ND	1.0	0.47	09/30/22 23:24	
Bromodichloromethane	ug/L	ND	1.0	0.31	09/30/22 23:24	
Bromoform	ug/L	ND	1.0	0.34	09/30/22 23:24	
Bromomethane	ug/L	ND	2.0	1.7	09/30/22 23:24	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	09/30/22 23:24	
Chlorobenzene	ug/L	ND	1.0	0.28	09/30/22 23:24	
Chloroethane	ug/L	ND	1.0	0.65	09/30/22 23:24	
Chloroform	ug/L	ND	1.0	0.43	09/30/22 23:24	
Chloromethane	ug/L	ND	1.0	0.54	09/30/22 23:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	09/30/22 23:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/30/22 23:24	
Dibromochloromethane	ug/L	ND	1.0	0.36	09/30/22 23:24	
Dibromomethane	ug/L	ND	1.0	0.39	09/30/22 23:24	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	09/30/22 23:24	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3786670 Matrix: Water
Associated Lab Samples: 92628343019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	09/30/22 23:24	
Ethylbenzene	ug/L	ND	1.0	0.30	09/30/22 23:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	09/30/22 23:24	v2
m&p-Xylene	ug/L	ND	2.0	0.71	09/30/22 23:24	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	09/30/22 23:24	
Methylene Chloride	ug/L	ND	5.0	2.0	09/30/22 23:24	
Naphthalene	ug/L	ND	1.0	0.64	09/30/22 23:24	
o-Xylene	ug/L	ND	1.0	0.34	09/30/22 23:24	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	09/30/22 23:24	
Styrene	ug/L	ND	1.0	0.29	09/30/22 23:24	
Tetrachloroethene	ug/L	ND	1.0	0.29	09/30/22 23:24	
Toluene	ug/L	ND	1.0	0.48	09/30/22 23:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	09/30/22 23:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/30/22 23:24	
Trichloroethene	ug/L	ND	1.0	0.38	09/30/22 23:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	09/30/22 23:24	
Vinyl acetate	ug/L	ND	2.0	1.3	09/30/22 23:24	
Vinyl chloride	ug/L	ND	1.0	0.39	09/30/22 23:24	
Xylene (Total)	ug/L	ND	1.0	0.34	09/30/22 23:24	
1,2-Dichloroethane-d4 (S)	%	118	70-130		09/30/22 23:24	
4-Bromofluorobenzene (S)	%	99	70-130		09/30/22 23:24	
Toluene-d8 (S)	%	102	70-130		09/30/22 23:24	

LABORATORY CONTROL SAMPLE: 3786671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,1-Trichloroethane	ug/L	50	54.7	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.1	106	70-130	
1,1,2-Trichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethene	ug/L	50	58.0	116	70-130	
1,1-Dichloropropene	ug/L	50	56.1	112	70-130	
1,2,3-Trichlorobenzene	ug/L	50	45.0	90	70-130	
1,2,3-Trichloropropane	ug/L	50	52.2	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.0	90	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.3	89	70-130	
1,2-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,2-Dichloroethane	ug/L	50	57.3	115	70-130	
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3-Dichlorobenzene	ug/L	50	49.5	99	70-130	
1,3-Dichloropropane	ug/L	50	50.8	102	70-130	
1,4-Dichlorobenzene	ug/L	50	49.3	99	70-130	
2,2-Dichloropropane	ug/L	50	50.4	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3786671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	106	106	70-130	
2-Chlorotoluene	ug/L	50	50.4	101	70-130	
2-Hexanone	ug/L	100	101	101	70-130	
4-Chlorotoluene	ug/L	50	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	70-130	
Acetone	ug/L	100	114	114	70-130	
Benzene	ug/L	50	47.5	95	70-130	
Bromobenzene	ug/L	50	47.9	96	70-130	
Bromochloromethane	ug/L	50	52.0	104	70-130	
Bromodichloromethane	ug/L	50	51.1	102	70-130	
Bromoform	ug/L	50	45.8	92	70-130	
Bromomethane	ug/L	50	37.4	75	70-130	v3
Carbon tetrachloride	ug/L	50	47.1	94	70-130	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	63.5	127	70-130	
Chloroform	ug/L	50	53.3	107	70-130	
Chloromethane	ug/L	50	49.8	100	70-130	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Dibromochloromethane	ug/L	50	46.1	92	70-130	
Dibromomethane	ug/L	50	47.6	95	70-130	
Dichlorodifluoromethane	ug/L	50	59.0	118	70-130	
Diisopropyl ether	ug/L	50	51.4	103	70-130	
Ethylbenzene	ug/L	50	50.4	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	43.4	87	70-130	v3
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	52.3	105	70-130	
Methylene Chloride	ug/L	50	52.2	104	70-130	
Naphthalene	ug/L	50	46.1	92	70-130	
o-Xylene	ug/L	50	49.6	99	70-130	
p-Isopropyltoluene	ug/L	50	49.5	99	70-130	
Styrene	ug/L	50	49.2	98	70-130	
Tetrachloroethene	ug/L	50	45.1	90	70-130	
Toluene	ug/L	50	50.4	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	70-130	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	54.9	110	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	
Vinyl chloride	ug/L	50	59.4	119	70-130	
Xylene (Total)	ug/L	150	152	101	70-130	
1,2-Dichloroethane-d4 (S)	%			111	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE SAMPLE: 3786673

Parameter	Units	92628467010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.5	103	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	24.1	121	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.4	112	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	21.5	107	70-135	
1,1-Dichloroethane	ug/L	ND	20	22.8	114	70-139	
1,1-Dichloroethene	ug/L	ND	20	25.7	129	70-154	
1,1-Dichloropropene	ug/L	ND	20	24.4	122	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.2	96	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	21.5	107	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.4	97	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.1	90	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	21.5	108	70-133	
1,2-Dichloroethane	ug/L	ND	20	24.3	122	70-137	
1,2-Dichloropropane	ug/L	ND	20	21.8	109	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	21.7	109	70-135	
1,3-Dichloropropane	ug/L	ND	20	21.4	107	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	21.7	108	70-133	
2,2-Dichloropropane	ug/L	ND	20	23.3	116	61-148	
2-Butanone (MEK)	ug/L	ND	40	42.5	106	60-139	
2-Chlorotoluene	ug/L	ND	20	22.4	112	70-144	
2-Hexanone	ug/L	ND	40	40.9	102	65-138	
4-Chlorotoluene	ug/L	ND	20	22.6	113	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	41.6	104	65-135	
Acetone	ug/L	56.9	40	112	137	60-148	v1
Benzene	ug/L	ND	20	20.9	105	70-151	
Bromobenzene	ug/L	ND	20	21.2	106	70-136	
Bromochloromethane	ug/L	ND	20	21.5	108	70-141	
Bromodichloromethane	ug/L	ND	20	21.8	109	70-138	
Bromoform	ug/L	ND	20	18.5	92	63-130	
Bromomethane	ug/L	ND	20	20.2	101	15-152	v3
Carbon tetrachloride	ug/L	ND	20	22.1	110	70-143	
Chlorobenzene	ug/L	ND	20	21.8	109	70-138	
Chloroethane	ug/L	ND	20	27.1	135	52-163	
Chloroform	ug/L	ND	20	23.4	117	70-139	
Chloromethane	ug/L	ND	20	21.9	109	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	22.9	114	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	21.0	105	70-137	
Dibromochloromethane	ug/L	ND	20	18.8	94	70-134	
Dibromomethane	ug/L	ND	20	20.7	103	70-138	
Dichlorodifluoromethane	ug/L	ND	20	26.6	133	47-155	
Diisopropyl ether	ug/L	ND	20	21.5	108	63-144	
Ethylbenzene	ug/L	ND	20	22.2	111	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	20.3	102	65-149	
m&p-Xylene	ug/L	ND	40	44.0	110	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	21.1	106	54-156	
Methylene Chloride	ug/L	ND	20	22.5	113	42-159	
Naphthalene	ug/L	ND	20	19.5	97	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: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE SAMPLE: 3786673

Parameter	Units	92628467010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	21.2	106	70-148	
p-Isopropyltoluene	ug/L	ND	20	22.6	113	70-146	
Styrene	ug/L	ND	20	20.6	103	70-135	
Tetrachloroethene	ug/L	ND	20	20.4	102	59-143	
Toluene	ug/L	ND	20	22.3	111	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	23.7	119	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	21.4	107	70-135	
Trichloroethene	ug/L	ND	20	22.5	113	70-147	
Trichlorofluoromethane	ug/L	ND	20	25.4	127	70-148	
Vinyl acetate	ug/L	ND	40	44.4	111	49-151	
Vinyl chloride	ug/L	ND	20	26.7	134	70-156	
Xylene (Total)	ug/L	ND	60	65.2	109	63-158	
1,2-Dichloroethane-d4 (S)	%				108	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 3786672

Parameter	Units	92628467008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	315	294	7	30	v1
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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(704)875-9092

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

SAMPLE DUPLICATE: 3786672

Parameter	Units	92628467008 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	1.6	1.6	0	30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	124	121			
4-Bromofluorobenzene (S)	%	99	98			
Toluene-d8 (S)	%	101	102			

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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: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727244
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92628343002

METHOD BLANK: 3787512 Matrix: Water
Associated Lab Samples: 92628343002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	09/30/22 20:19	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	09/30/22 20:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	09/30/22 20:19	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	09/30/22 20:19	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	09/30/22 20:19	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	09/30/22 20:19	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	09/30/22 20:19	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	09/30/22 20:19	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	09/30/22 20:19	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	09/30/22 20:19	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	09/30/22 20:19	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	09/30/22 20:19	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	09/30/22 20:19	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	09/30/22 20:19	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	09/30/22 20:19	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	09/30/22 20:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	09/30/22 20:19	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	09/30/22 20:19	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	09/30/22 20:19	
2-Chlorotoluene	ug/L	ND	1.0	0.32	09/30/22 20:19	
2-Hexanone	ug/L	ND	5.0	0.48	09/30/22 20:19	
4-Chlorotoluene	ug/L	ND	1.0	0.32	09/30/22 20:19	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	09/30/22 20:19	
Acetone	ug/L	ND	25.0	5.1	09/30/22 20:19	
Benzene	ug/L	ND	1.0	0.34	09/30/22 20:19	
Bromobenzene	ug/L	ND	1.0	0.29	09/30/22 20:19	
Bromochloromethane	ug/L	ND	1.0	0.47	09/30/22 20:19	
Bromodichloromethane	ug/L	ND	1.0	0.31	09/30/22 20:19	
Bromoform	ug/L	ND	1.0	0.34	09/30/22 20:19	
Bromomethane	ug/L	ND	2.0	1.7	09/30/22 20:19	
Carbon tetrachloride	ug/L	ND	1.0	0.33	09/30/22 20:19	
Chlorobenzene	ug/L	ND	1.0	0.28	09/30/22 20:19	
Chloroethane	ug/L	ND	1.0	0.65	09/30/22 20:19	
Chloroform	ug/L	ND	1.0	0.43	09/30/22 20:19	
Chloromethane	ug/L	ND	1.0	0.54	09/30/22 20:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	09/30/22 20:19	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/30/22 20:19	
Dibromochloromethane	ug/L	ND	1.0	0.36	09/30/22 20:19	
Dibromomethane	ug/L	ND	1.0	0.39	09/30/22 20:19	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	09/30/22 20:19	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3787512 Matrix: Water
Associated Lab Samples: 92628343002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	09/30/22 20:19	
Ethylbenzene	ug/L	ND	1.0	0.30	09/30/22 20:19	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	09/30/22 20:19	
m&p-Xylene	ug/L	ND	2.0	0.71	09/30/22 20:19	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	09/30/22 20:19	
Methylene Chloride	ug/L	ND	5.0	2.0	09/30/22 20:19	
Naphthalene	ug/L	ND	1.0	0.64	09/30/22 20:19	
o-Xylene	ug/L	ND	1.0	0.34	09/30/22 20:19	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	09/30/22 20:19	
Styrene	ug/L	ND	1.0	0.29	09/30/22 20:19	
Tetrachloroethene	ug/L	ND	1.0	0.29	09/30/22 20:19	
Toluene	ug/L	ND	1.0	0.48	09/30/22 20:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	09/30/22 20:19	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	09/30/22 20:19	
Trichloroethene	ug/L	ND	1.0	0.38	09/30/22 20:19	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	09/30/22 20:19	
Vinyl acetate	ug/L	ND	2.0	1.3	09/30/22 20:19	
Vinyl chloride	ug/L	ND	1.0	0.39	09/30/22 20:19	
Xylene (Total)	ug/L	ND	1.0	0.34	09/30/22 20:19	
1,2-Dichloroethane-d4 (S)	%	98	70-130		09/30/22 20:19	
4-Bromofluorobenzene (S)	%	101	70-130		09/30/22 20:19	
Toluene-d8 (S)	%	103	70-130		09/30/22 20:19	

LABORATORY CONTROL SAMPLE: 3787513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.5	107	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	70-130	
1,1,2-Trichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethane	ug/L	50	50.1	100	70-130	
1,1-Dichloroethene	ug/L	50	48.6	97	70-130	
1,1-Dichloropropene	ug/L	50	55.7	111	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.3	109	70-130	
1,2,3-Trichloropropane	ug/L	50	47.4	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.8	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dichloroethane	ug/L	50	46.7	93	70-130	
1,2-Dichloropropane	ug/L	50	50.3	101	70-130	
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,3-Dichloropropane	ug/L	50	51.3	103	70-130	
1,4-Dichlorobenzene	ug/L	50	49.7	99	70-130	
2,2-Dichloropropane	ug/L	50	51.7	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3787513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	94.2	94	70-130	
2-Chlorotoluene	ug/L	50	50.2	100	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.8	98	70-130	
Acetone	ug/L	100	92.0	92	70-130	
Benzene	ug/L	50	48.6	97	70-130	
Bromobenzene	ug/L	50	51.0	102	70-130	
Bromochloromethane	ug/L	50	51.0	102	70-130	
Bromodichloromethane	ug/L	50	50.2	100	70-130	
Bromoform	ug/L	50	53.3	107	70-130	
Bromomethane	ug/L	50	49.6	99	70-130	
Carbon tetrachloride	ug/L	50	50.3	101	70-130	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	49.3	99	70-130	
Chloroform	ug/L	50	46.7	93	70-130	
Chloromethane	ug/L	50	50.4	101	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.6	107	70-130	
Dibromochloromethane	ug/L	50	52.2	104	70-130	
Dibromomethane	ug/L	50	50.3	101	70-130	
Dichlorodifluoromethane	ug/L	50	48.5	97	70-130	
Diisopropyl ether	ug/L	50	52.2	104	70-130	
Ethylbenzene	ug/L	50	50.8	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.9	100	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	48.0	96	70-130	
Methylene Chloride	ug/L	50	52.9	106	70-130	
Naphthalene	ug/L	50	54.0	108	70-130	
o-Xylene	ug/L	50	51.3	103	70-130	
p-Isopropyltoluene	ug/L	50	53.3	107	70-130	
Styrene	ug/L	50	53.4	107	70-130	
Tetrachloroethene	ug/L	50	49.2	98	70-130	
Toluene	ug/L	50	47.6	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.6	103	70-130	
Trichloroethene	ug/L	50	52.7	105	70-130	
Trichlorofluoromethane	ug/L	50	46.5	93	70-130	
Vinyl acetate	ug/L	100	107	107	70-130	
Vinyl chloride	ug/L	50	51.3	103	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787514 3787515

Parameter	Units	92628343002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	910	983	114	123	73-134	8	30	
1,1,1-Trichloroethane	ug/L	ND	800	800	887	953	111	119	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	864	929	108	116	70-136	7	30	
1,1,2-Trichloroethane	ug/L	ND	800	800	883	970	110	121	70-135	9	30	
1,1-Dichloroethane	ug/L	ND	800	800	816	887	102	111	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	800	800	865	938	108	117	70-154	8	30	
1,1-Dichloropropene	ug/L	ND	800	800	947	991	118	124	70-149	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	800	800	978	1050	122	131	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	800	800	837	892	105	112	71-137	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	800	800	930	986	116	123	73-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	852	916	106	115	65-134	7	30	
1,2-Dichlorobenzene	ug/L	ND	800	800	864	948	108	118	70-133	9	30	
1,2-Dichloroethane	ug/L	ND	800	800	819	863	102	108	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	800	800	873	891	109	111	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	800	800	863	916	108	115	70-135	6	30	
1,3-Dichloropropane	ug/L	ND	800	800	884	948	110	119	70-143	7	30	
1,4-Dichlorobenzene	ug/L	ND	800	800	864	913	108	114	70-133	6	30	
2,2-Dichloropropane	ug/L	ND	800	800	839	898	105	112	61-148	7	30	
2-Butanone (MEK)	ug/L	ND	1600	1600	1570	1750	98	109	60-139	11	30	
2-Chlorotoluene	ug/L	ND	800	800	861	895	108	112	70-144	4	30	
2-Hexanone	ug/L	ND	1600	1600	1730	1930	108	121	65-138	11	30	
4-Chlorotoluene	ug/L	ND	800	800	891	913	111	114	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1600	1600	1650	1790	103	112	65-135	8	30	
Acetone	ug/L	ND	1600	1600	1650	1820	103	114	60-148	10	30	
Benzene	ug/L	1950	800	800	2800	2820	106	109	70-151	1	30	
Bromobenzene	ug/L	ND	800	800	881	903	110	113	70-136	2	30	
Bromochloromethane	ug/L	ND	800	800	845	927	106	116	70-141	9	30	
Bromodichloromethane	ug/L	ND	800	800	872	949	109	119	70-138	8	30	
Bromoform	ug/L	ND	800	800	837	916	105	114	63-130	9	30	
Bromomethane	ug/L	ND	800	800	724	858	91	107	15-152	17	30	
Carbon tetrachloride	ug/L	ND	800	800	921	976	115	122	70-143	6	30	
Chlorobenzene	ug/L	ND	800	800	894	947	112	118	70-138	6	30	
Chloroethane	ug/L	ND	800	800	865	927	108	116	52-163	7	30	
Chloroform	ug/L	ND	800	800	824	854	103	107	70-139	4	30	
Chloromethane	ug/L	ND	800	800	842	868	105	109	41-139	3	30	
cis-1,2-Dichloroethene	ug/L	ND	800	800	859	877	107	110	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	800	800	877	946	110	118	70-137	8	30	
Dibromochloromethane	ug/L	ND	800	800	854	913	107	114	70-134	7	30	
Dibromomethane	ug/L	ND	800	800	855	920	107	115	70-138	7	30	
Dichlorodifluoromethane	ug/L	ND	800	800	856	878	107	110	47-155	3	30	
Diisopropyl ether	ug/L	ND	800	800	867	873	108	109	63-144	1	30	
Ethylbenzene	ug/L	499	800	800	1390	1470	112	121	66-153	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	800	800	892	947	112	118	65-149	6	30	
m&p-Xylene	ug/L	201	1600	1600	1990	2110	112	119	69-152	6	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787514 3787515

Parameter	Units	92628343002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	800	800	790	859	99	107	54-156	8	30	
Methylene Chloride	ug/L	ND	800	800	913	970	114	121	42-159	6	30	
Naphthalene	ug/L	7220	800	800	8340	8200	139	122	61-148	2	30	E
o-Xylene	ug/L	123	800	800	1010	1070	111	118	70-148	5	30	
p-Isopropyltoluene	ug/L	ND	800	800	911	952	114	119	70-146	4	30	
Styrene	ug/L	ND	800	800	899	952	112	119	70-135	6	30	
Tetrachloroethene	ug/L	ND	800	800	850	896	106	112	59-143	5	30	
Toluene	ug/L	30.0J	800	800	877	933	106	113	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	800	800	859	917	107	115	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	800	800	857	947	107	118	70-135	10	30	
Trichloroethene	ug/L	ND	800	800	877	993	110	124	70-147	12	30	
Trichlorofluoromethane	ug/L	ND	800	800	816	854	102	107	70-148	5	30	
Vinyl acetate	ug/L	ND	1600	1600	1740	1900	109	119	49-151	8	30	
Vinyl chloride	ug/L	ND	800	800	886	965	111	121	70-156	9	30	
Xylene (Total)	ug/L	325	2400	2400	3000	3180	112	119	63-158	6	30	
1,2-Dichloroethane-d4 (S)	%						101	98	70-130			
4-Bromofluorobenzene (S)	%						102	102	70-130			
Toluene-d8 (S)	%						98	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727041
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628343013, 92628343014

METHOD BLANK: 3786178 Matrix: Water
Associated Lab Samples: 92628343013, 92628343014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	09/30/22 15:35	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	09/30/22 15:35	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	09/30/22 15:35	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	09/30/22 15:35	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	09/30/22 15:35	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	09/30/22 15:35	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	09/30/22 15:35	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	09/30/22 15:35	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	09/30/22 15:35	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	09/30/22 15:35	
2-Chlorophenol	ug/L	ND	10.0	1.2	09/30/22 15:35	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	09/30/22 15:35	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	09/30/22 15:35	
2-Nitroaniline	ug/L	ND	20.0	3.0	09/30/22 15:35	
2-Nitrophenol	ug/L	ND	10.0	1.4	09/30/22 15:35	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	09/30/22 15:35	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	09/30/22 15:35	
3-Nitroaniline	ug/L	ND	20.0	3.8	09/30/22 15:35	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	09/30/22 15:35	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	09/30/22 15:35	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	09/30/22 15:35	
4-Chloroaniline	ug/L	ND	20.0	3.6	09/30/22 15:35	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	09/30/22 15:35	
4-Nitroaniline	ug/L	ND	20.0	5.1	09/30/22 15:35	
4-Nitrophenol	ug/L	ND	50.0	6.6	09/30/22 15:35	
Acenaphthene	ug/L	ND	10.0	2.0	09/30/22 15:35	
Acenaphthylene	ug/L	ND	10.0	2.0	09/30/22 15:35	
Aniline	ug/L	ND	10.0	1.6	09/30/22 15:35	
Anthracene	ug/L	ND	10.0	2.3	09/30/22 15:35	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	09/30/22 15:35	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	09/30/22 15:35	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	09/30/22 15:35	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	09/30/22 15:35	
Benzoic Acid	ug/L	ND	50.0	22.0	09/30/22 15:35	
Benzyl alcohol	ug/L	ND	20.0	2.9	09/30/22 15:35	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	09/30/22 15:35	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	09/30/22 15:35	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	09/30/22 15:35	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	09/30/22 15:35	
Chrysene	ug/L	ND	10.0	2.8	09/30/22 15:35	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3786178 Matrix: Water
Associated Lab Samples: 92628343013, 92628343014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	09/30/22 15:35	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	09/30/22 15:35	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	09/30/22 15:35	
Dibenzofuran	ug/L	ND	10.0	2.1	09/30/22 15:35	
Diethylphthalate	ug/L	ND	10.0	2.0	09/30/22 15:35	
Dimethylphthalate	ug/L	ND	10.0	2.1	09/30/22 15:35	
Fluoranthene	ug/L	ND	10.0	2.2	09/30/22 15:35	
Fluorene	ug/L	ND	10.0	2.1	09/30/22 15:35	
Hexachlorobenzene	ug/L	ND	10.0	2.2	09/30/22 15:35	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	09/30/22 15:35	
Hexachloroethane	ug/L	ND	10.0	1.4	09/30/22 15:35	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	09/30/22 15:35	
Isophorone	ug/L	ND	10.0	1.7	09/30/22 15:35	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	09/30/22 15:35	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	09/30/22 15:35	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	09/30/22 15:35	
Nitrobenzene	ug/L	ND	10.0	1.9	09/30/22 15:35	
Pentachlorophenol	ug/L	ND	20.0	3.8	09/30/22 15:35	
Phenanthrene	ug/L	ND	10.0	2.0	09/30/22 15:35	
Phenol	ug/L	ND	10.0	1.4	09/30/22 15:35	
Pyrene	ug/L	ND	10.0	2.2	09/30/22 15:35	
2,4,6-Tribromophenol (S)	%	100	10-144		09/30/22 15:35	
2-Fluorobiphenyl (S)	%	62	10-130		09/30/22 15:35	
2-Fluorophenol (S)	%	67	10-130		09/30/22 15:35	
Nitrobenzene-d5 (S)	%	87	10-144		09/30/22 15:35	
Phenol-d6 (S)	%	52	10-130		09/30/22 15:35	
Terphenyl-d14 (S)	%	122	34-163		09/30/22 15:35	

LABORATORY CONTROL SAMPLE: 3786179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	44.8	90	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	39.1	78	28-130	
2,4,5-Trichlorophenol	ug/L	50	43.4	87	35-130	
2,4,6-Trichlorophenol	ug/L	50	35.8	72	31-130	
2,4-Dichlorophenol	ug/L	50	43.5	87	35-130	
2,4-Dimethylphenol	ug/L	50	53.7	107	34-130	
2,4-Dinitrophenol	ug/L	250	29.0J	12	10-153	
2,4-Dinitrotoluene	ug/L	50	49.9	100	37-136	
2,6-Dinitrotoluene	ug/L	50	51.7	103	33-136	
2-Chloronaphthalene	ug/L	50	47.4	95	26-130	
2-Chlorophenol	ug/L	50	38.6	77	37-130	
2-Methylnaphthalene	ug/L	50	43.0	86	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.3	83	35-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3786179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	92.3	92	37-130	
2-Nitrophenol	ug/L	50	41.9	84	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.2	78	34-130	
3,3'-Dichlorobenzidine	ug/L	100	102	102	34-136	
3-Nitroaniline	ug/L	100	104	104	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	31.9	32	21-157	
4-Bromophenylphenyl ether	ug/L	50	50.2	100	38-130	
4-Chloro-3-methylphenol	ug/L	100	91.8	92	37-130	
4-Chloroaniline	ug/L	100	95.8	96	38-130	
4-Chlorophenylphenyl ether	ug/L	50	46.0	92	33-130	
4-Nitroaniline	ug/L	100	94.3	94	42-137	
4-Nitrophenol	ug/L	250	30.2J	12	10-130	
Acenaphthene	ug/L	50	49.0	98	33-130	
Acenaphthylene	ug/L	50	48.6	97	35-130	
Aniline	ug/L	50	36.9	74	22-130	
Anthracene	ug/L	50	48.3	97	48-130	
Benzo(a)anthracene	ug/L	50	51.3	103	48-137	
Benzo(b)fluoranthene	ug/L	50	53.9	108	52-138	
Benzo(g,h,i)perylene	ug/L	50	55.8	112	48-140	
Benzo(k)fluoranthene	ug/L	50	55.4	111	48-139	
Benzoic Acid	ug/L	250	40.4J	16	10-130	
Benzyl alcohol	ug/L	100	84.1	84	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	45.6	91	34-130	
bis(2-Chloroethyl) ether	ug/L	50	40.8	82	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	54.4	109	32-165	
Butylbenzylphthalate	ug/L	50	54.7	109	34-161	
Chrysene	ug/L	50	51.7	103	47-131	
Di-n-butylphthalate	ug/L	50	50.9	102	39-144	
Di-n-octylphthalate	ug/L	50	55.5	111	30-170	
Dibenz(a,h)anthracene	ug/L	50	55.7	111	49-138	
Dibenzofuran	ug/L	50	49.1	98	33-130	
Diethylphthalate	ug/L	50	48.7	97	38-131	
Dimethylphthalate	ug/L	50	48.4	97	37-130	
Fluoranthene	ug/L	50	52.7	105	46-137	
Fluorene	ug/L	50	49.7	99	37-130	
Hexachlorobenzene	ug/L	50	50.4	101	38-130	
Hexachlorocyclopentadiene	ug/L	50	32.5	65	10-130	
Hexachloroethane	ug/L	50	18.2	36	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	56.7	113	41-130	
Isophorone	ug/L	50	47.0	94	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	43.7	87	36-130	
N-Nitrosodimethylamine	ug/L	50	37.7	75	34-130	
N-Nitrosodiphenylamine	ug/L	50	53.4	107	37-130	
Nitrobenzene	ug/L	50	43.0	86	36-130	
Pentachlorophenol	ug/L	100	49.8	50	23-149	
Phenanthrene	ug/L	50	53.0	106	44-130	
Phenol	ug/L	50	29.1	58	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3786179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	53.3	107	47-134	
2,4,6-Tribromophenol (S)	%			103	10-144	
2-Fluorobiphenyl (S)	%			82	10-130	
2-Fluorophenol (S)	%			63	10-130	
Nitrobenzene-d5 (S)	%			94	10-144	
Phenol-d6 (S)	%			60	10-130	
Terphenyl-d14 (S)	%			118	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3786180 3786181

Parameter	Units	92627853017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	100	100	89.2	90.0	89	90	10-130	1	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	81.7	79.7	82	80	12-142	2	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	96.8	94.5	97	95	10-143	2	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	102	87.1	102	87	10-147	16	30	
2,4-Dichlorophenol	ug/L	ND	100	100	92.8	91.5	93	91	10-138	1	30	
2,4-Dimethylphenol	ug/L	ND	100	100	99.8	105	100	105	25-130	6	30	
2,4-Dinitrophenol	ug/L	ND	500	500	383	123	77	25	10-165	103	30	R1
2,4-Dinitrotoluene	ug/L	ND	100	100	105	110	105	110	29-148	5	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	104	109	104	109	26-146	4	30	
2-Chloronaphthalene	ug/L	ND	100	100	96.1	96.3	96	96	11-130	0	30	
2-Chlorophenol	ug/L	ND	100	100	79.9	83.3	80	83	10-133	4	30	
2-Methylnaphthalene	ug/L	ND	100	100	86.9	87.6	87	88	13-130	1	30	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	77.1	82.7	77	83	20-130	7	30	
2-Nitroaniline	ug/L	ND	200	200	187	194	93	97	24-136	4	30	
2-Nitrophenol	ug/L	ND	100	100	88.7	89.0	89	89	10-153	0	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	73.2	79.6	73	80	16-130	8	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	210	223	105	111	10-153	6	30	
3-Nitroaniline	ug/L	ND	200	200	208	224	104	112	22-151	7	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	203	119	102	60	10-180	52	30	R1
4-Bromophenylphenyl ether	ug/L	ND	100	100	98.9	96.6	99	97	25-130	2	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	177	183	89	91	25-133	3	30	
4-Chloroaniline	ug/L	ND	200	200	187	187	93	94	14-132	0	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	92.1	93.1	92	93	19-130	1	30	
4-Nitroaniline	ug/L	ND	200	200	199	227	99	114	29-150	13	30	
4-Nitrophenol	ug/L	ND	500	500	261	160	52	32	10-130	48	30	R1
Acenaphthene	ug/L	ND	100	100	99.0	101	99	101	16-130	2	30	
Acenaphthylene	ug/L	ND	100	100	98.1	100	98	100	15-137	2	30	
Aniline	ug/L	ND	100	100	71.0	74.4	71	74	10-130	5	30	
Anthracene	ug/L	ND	100	100	94.6	96.1	95	96	37-136	2	30	
Benzo(a)anthracene	ug/L	ND	100	100	106	108	106	108	40-145	2	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	107	112	107	112	39-151	4	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	106	113	106	113	40-147	7	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3786180 3786181

Parameter	Units	92627853017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(k)fluoranthene	ug/L	ND	100	100	107	111	107	111	40-146	4	30	
Benzoic Acid	ug/L	ND	500	500	176	104	35	21	10-130	52	30	R1
Benzyl alcohol	ug/L	ND	200	200	162	173	81	87	25-130	7	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	88.3	90.0	88	90	23-130	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	82.3	85.6	82	86	25-130	4	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	114	120	114	120	28-166	5	30	
Butylbenzylphthalate	ug/L	ND	100	100	116	120	116	120	33-165	3	30	
Chrysene	ug/L	ND	100	100	105	107	105	107	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	100	100	100	107	100	107	32-153	7	30	
Di-n-octylphthalate	ug/L	ND	100	100	118	126	118	126	30-175	6	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	106	113	106	113	39-148	7	30	
Dibenzofuran	ug/L	ND	100	100	98.5	99.8	99	100	20-130	1	30	
Diethylphthalate	ug/L	ND	100	100	100	105	100	105	28-142	5	30	
Dimethylphthalate	ug/L	ND	100	100	98.6	101	99	101	26-136	3	30	
Fluoranthene	ug/L	ND	100	100	102	111	102	111	39-143	8	30	
Fluorene	ug/L	ND	100	100	100	102	100	102	24-132	2	30	
Hexachlorobenzene	ug/L	ND	100	100	96.8	98.9	97	99	29-130	2	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	72.9	69.4	73	69	10-130	5	30	
Hexachloroethane	ug/L	ND	100	100	44.6	41.7	45	42	10-130	7	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	108	115	108	115	39-148	6	30	
Isophorone	ug/L	ND	100	100	93.1	93.3	93	93	23-130	0	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	86.7	88.1	87	88	25-130	2	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	72.2	77.8	72	78	22-130	7	30	
N-Nitrosodiphenylamine	ug/L	ND	100	100	104	105	104	105	26-134	1	30	
Nitrobenzene	ug/L	ND	100	100	86.9	85.8	87	86	25-130	1	30	
Pentachlorophenol	ug/L	ND	200	200	197	139	98	70	10-175	34	30	R1
Phenanthrene	ug/L	ND	100	100	103	106	103	106	36-133	2	30	
Phenol	ug/L	ND	100	100	52.3	58.2	52	58	10-130	11	30	
Pyrene	ug/L	ND	100	100	111	109	111	109	40-143	2	30	
2,4,6-Tribromophenol (S)	%						106	107	10-144			
2-Fluorobiphenyl (S)	%						81	82	10-130			
2-Fluorophenol (S)	%						66	66	10-130			
Nitrobenzene-d5 (S)	%						87	88	10-144			
Phenol-d6 (S)	%						52	60	10-130			
Terphenyl-d14 (S)	%						117	119	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727059
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628343011, 92628343012, 92628343015, 92628343016, 92628343017, 92628343018, 92628343019

METHOD BLANK: 3786239 Matrix: Water
Associated Lab Samples: 92628343011, 92628343012, 92628343015, 92628343016, 92628343017, 92628343018, 92628343019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	09/30/22 16:26	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	09/30/22 16:26	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	09/30/22 16:26	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	09/30/22 16:26	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	09/30/22 16:26	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	09/30/22 16:26	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	09/30/22 16:26	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	09/30/22 16:26	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	09/30/22 16:26	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	09/30/22 16:26	
2-Chlorophenol	ug/L	ND	10.0	1.2	09/30/22 16:26	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	09/30/22 16:26	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	09/30/22 16:26	
2-Nitroaniline	ug/L	ND	20.0	3.0	09/30/22 16:26	
2-Nitrophenol	ug/L	ND	10.0	1.4	09/30/22 16:26	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	09/30/22 16:26	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	09/30/22 16:26	
3-Nitroaniline	ug/L	ND	20.0	3.8	09/30/22 16:26	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	09/30/22 16:26	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	09/30/22 16:26	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	09/30/22 16:26	
4-Chloroaniline	ug/L	ND	20.0	3.6	09/30/22 16:26	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	09/30/22 16:26	
4-Nitroaniline	ug/L	ND	20.0	5.1	09/30/22 16:26	
4-Nitrophenol	ug/L	ND	50.0	6.6	09/30/22 16:26	
Acenaphthene	ug/L	ND	10.0	2.0	09/30/22 16:26	
Acenaphthylene	ug/L	ND	10.0	2.0	09/30/22 16:26	
Aniline	ug/L	ND	10.0	1.6	09/30/22 16:26	
Anthracene	ug/L	ND	10.0	2.3	09/30/22 16:26	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	09/30/22 16:26	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	09/30/22 16:26	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	09/30/22 16:26	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	09/30/22 16:26	
Benzoic Acid	ug/L	ND	50.0	22.0	09/30/22 16:26	
Benzyl alcohol	ug/L	ND	20.0	2.9	09/30/22 16:26	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	09/30/22 16:26	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	09/30/22 16:26	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	09/30/22 16:26	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	09/30/22 16:26	
Chrysene	ug/L	ND	10.0	2.8	09/30/22 16:26	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3786239 Matrix: Water
Associated Lab Samples: 92628343011, 92628343012, 92628343015, 92628343016, 92628343017, 92628343018, 92628343019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	09/30/22 16:26	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	09/30/22 16:26	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	09/30/22 16:26	
Dibenzofuran	ug/L	ND	10.0	2.1	09/30/22 16:26	
Diethylphthalate	ug/L	ND	10.0	2.0	09/30/22 16:26	
Dimethylphthalate	ug/L	ND	10.0	2.1	09/30/22 16:26	
Fluoranthene	ug/L	ND	10.0	2.2	09/30/22 16:26	
Fluorene	ug/L	ND	10.0	2.1	09/30/22 16:26	
Hexachlorobenzene	ug/L	ND	10.0	2.2	09/30/22 16:26	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	09/30/22 16:26	
Hexachloroethane	ug/L	ND	10.0	1.4	09/30/22 16:26	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	09/30/22 16:26	
Isophorone	ug/L	ND	10.0	1.7	09/30/22 16:26	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	09/30/22 16:26	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	09/30/22 16:26	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	09/30/22 16:26	
Nitrobenzene	ug/L	ND	10.0	1.9	09/30/22 16:26	
Pentachlorophenol	ug/L	ND	20.0	3.8	09/30/22 16:26	
Phenanthrene	ug/L	ND	10.0	2.0	09/30/22 16:26	
Phenol	ug/L	ND	10.0	1.4	09/30/22 16:26	
Pyrene	ug/L	ND	10.0	2.2	09/30/22 16:26	
2,4,6-Tribromophenol (S)	%	95	10-144		09/30/22 16:26	
2-Fluorobiphenyl (S)	%	44	10-130		09/30/22 16:26	
2-Fluorophenol (S)	%	63	10-130		09/30/22 16:26	
Nitrobenzene-d5 (S)	%	76	10-144		09/30/22 16:26	
Phenol-d6 (S)	%	52	10-130		09/30/22 16:26	
Terphenyl-d14 (S)	%	120	34-163		09/30/22 16:26	

LABORATORY CONTROL SAMPLE: 3786240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	44.6	89	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.6	95	28-130	
2,4,5-Trichlorophenol	ug/L	50	53.6	107	35-130	
2,4,6-Trichlorophenol	ug/L	50	54.7	109	31-130	
2,4-Dichlorophenol	ug/L	50	52.5	105	35-130	
2,4-Dimethylphenol	ug/L	50	48.9	98	34-130	
2,4-Dinitrophenol	ug/L	250	223	89	10-153	
2,4-Dinitrotoluene	ug/L	50	56.7	113	37-136	
2,6-Dinitrotoluene	ug/L	50	58.1	116	33-136	
2-Chloronaphthalene	ug/L	50	48.3	97	26-130	
2-Chlorophenol	ug/L	50	48.1	96	37-130	
2-Methylnaphthalene	ug/L	50	42.6	85	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	44.8	90	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3786240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	105	105	37-130	
2-Nitrophenol	ug/L	50	49.3	99	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	42.3	85	34-130	
3,3'-Dichlorobenzidine	ug/L	100	116	116	34-136	
3-Nitroaniline	ug/L	100	114	114	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	113	113	21-157	
4-Bromophenylphenyl ether	ug/L	50	54.2	108	38-130	
4-Chloro-3-methylphenol	ug/L	100	98.2	98	37-130	
4-Chloroaniline	ug/L	100	104	104	38-130	
4-Chlorophenylphenyl ether	ug/L	50	49.1	98	33-130	
4-Nitroaniline	ug/L	100	112	112	42-137	
4-Nitrophenol	ug/L	250	147	59	10-130	
Acenaphthene	ug/L	50	51.9	104	33-130	
Acenaphthylene	ug/L	50	52.6	105	35-130	
Aniline	ug/L	50	43.2	86	22-130	
Anthracene	ug/L	50	52.4	105	48-130	
Benzo(a)anthracene	ug/L	50	56.4	113	48-137	
Benzo(b)fluoranthene	ug/L	50	55.6	111	52-138	
Benzo(g,h,i)perylene	ug/L	50	58.3	117	48-140	
Benzo(k)fluoranthene	ug/L	50	56.5	113	48-139	
Benzoic Acid	ug/L	250	104	41	10-130	
Benzyl alcohol	ug/L	100	97.8	98	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	49.8	100	34-130	
bis(2-Chloroethyl) ether	ug/L	50	52.1	104	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	60.6	121	32-165	
Butylbenzylphthalate	ug/L	50	62.4	125	34-161	
Chrysene	ug/L	50	56.0	112	47-131	
Di-n-butylphthalate	ug/L	50	55.1	110	39-144	
Di-n-octylphthalate	ug/L	50	63.2	126	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.4	117	49-138	
Dibenzofuran	ug/L	50	52.0	104	33-130	
Diethylphthalate	ug/L	50	53.9	108	38-131	
Dimethylphthalate	ug/L	50	53.4	107	37-130	
Fluoranthene	ug/L	50	57.5	115	46-137	
Fluorene	ug/L	50	53.8	108	37-130	
Hexachlorobenzene	ug/L	50	53.7	107	38-130	
Hexachlorocyclopentadiene	ug/L	50	26.6	53	10-130	
Hexachloroethane	ug/L	50	19.8	40	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	59.7	119	41-130	
Isophorone	ug/L	50	53.0	106	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	50.3	101	36-130	
N-Nitrosodimethylamine	ug/L	50	44.3	89	34-130	
N-Nitrosodiphenylamine	ug/L	50	58.0	116	37-130	
Nitrobenzene	ug/L	50	50.6	101	36-130	
Pentachlorophenol	ug/L	100	106	106	23-149	
Phenanthrene	ug/L	50	57.9	116	44-130	
Phenol	ug/L	50	31.6	63	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3786240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	59.6	119	47-134	
2,4,6-Tribromophenol (S)	%			106	10-144	
2-Fluorobiphenyl (S)	%			83	10-130	
2-Fluorophenol (S)	%			67	10-130	
Nitrobenzene-d5 (S)	%			86	10-144	
Phenol-d6 (S)	%			54	10-130	
Terphenyl-d14 (S)	%			108	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3786241 3786242

Parameter	Units	92628026001 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	83.3	83.3	71.0	66.2	85	79	10-130	7	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	83.3	83.3	60.6	51.2	73	61	12-142	17	30	
2,4,5-Trichlorophenol	ug/L	ND	83.3	83.3	78.5	72.0	94	86	10-143	9	30	
2,4,6-Trichlorophenol	ug/L	ND	83.3	83.3	71.9	58.9	86	71	10-147	20	30	
2,4-Dichlorophenol	ug/L	ND	83.3	83.3	73.7	70.6	88	85	10-138	4	30	
2,4-Dimethylphenol	ug/L	ND	83.3	83.3	83.2	82.4	100	99	25-130	1	30	
2,4-Dinitrophenol	ug/L	ND	417	417	44.0J	ND	11	8	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	83.3	83.3	82.2	80.3	99	96	29-148	2	30	
2,6-Dinitrotoluene	ug/L	ND	83.3	83.3	86.5	84.1	104	101	26-146	3	30	
2-Chloronaphthalene	ug/L	ND	83.3	83.3	74.3	74.5	89	89	11-130	0	30	
2-Chlorophenol	ug/L	ND	83.3	83.3	61.3	59.2	74	71	10-133	3	30	
2-Methylnaphthalene	ug/L	ND	83.3	83.3	70.0	63.6	84	76	13-130	10	30	
2-Methylphenol(o-Cresol)	ug/L	ND	83.3	83.3	64.6	67.7	78	81	20-130	5	30	
2-Nitroaniline	ug/L	ND	167	167	151	151	91	90	24-136	0	30	
2-Nitrophenol	ug/L	ND	83.3	83.3	67.6	63.3	81	76	10-153	7	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	83.3	83.3	65.9	66.2	79	79	16-130	1	30	
3,3'-Dichlorobenzidine	ug/L	ND	167	167	163	162	98	97	10-153	1	30	
3-Nitroaniline	ug/L	ND	167	167	174	167	105	100	22-151	4	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	167	167	70.6	48.1	42	29	10-180	38	30	R1
4-Bromophenylphenyl ether	ug/L	ND	83.3	83.3	71.9	73.8	86	89	25-130	3	30	
4-Chloro-3-methylphenol	ug/L	ND	167	167	147	147	88	88	25-133	0	30	
4-Chloroaniline	ug/L	ND	167	167	146	147	87	88	14-132	1	30	
4-Chlorophenylphenyl ether	ug/L	ND	83.3	83.3	68.3	72.3	82	87	19-130	6	30	
4-Nitroaniline	ug/L	ND	167	167	163	162	98	97	29-150	1	30	
4-Nitrophenol	ug/L	ND	417	417	96.6	78.9J	23	19	10-130		30	
Acenaphthene	ug/L	ND	83.3	83.3	75.7	77.5	91	93	16-130	2	30	
Acenaphthylene	ug/L	ND	83.3	83.3	76.0	77.8	91	93	15-137	2	30	
Aniline	ug/L	ND	83.3	83.3	54.6	54.9	65	66	10-130	1	30	
Anthracene	ug/L	ND	83.3	83.3	70.9	72.2	85	87	37-136	2	30	
Benzo(a)anthracene	ug/L	ND	83.3	83.3	79.4	80.0	95	96	40-145	1	30	
Benzo(b)fluoranthene	ug/L	ND	83.3	83.3	79.4	80.2	95	96	39-151	1	30	
Benzo(g,h,i)perylene	ug/L	ND	83.3	83.3	82.1	82.7	99	99	40-147	1	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3786241 3786242

Parameter	Units	92628026001 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	83.3	83.3	80.4	81.0	97	97	40-146	1	30	
Benzoic Acid	ug/L	ND	417	417	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	167	167	152	134	91	80	25-130	13	30	
bis(2-Chloroethoxy)methane	ug/L	ND	83.3	83.3	66.5	65.4	80	78	23-130	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	83.3	83.3	59.2	53.2	71	64	25-130	11	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	83.3	83.3	86.6	86.9	104	104	28-166	0	30	
Butylbenzylphthalate	ug/L	ND	83.3	83.3	88.8	86.4	107	104	33-165	3	30	
Chrysene	ug/L	ND	83.3	83.3	78.7	78.8	94	95	38-141	0	30	
Di-n-butylphthalate	ug/L	ND	83.3	83.3	78.0	76.5	94	92	32-153	2	30	
Di-n-octylphthalate	ug/L	ND	83.3	83.3	90.1	90.4	108	108	30-175	0	30	
Dibenz(a,h)anthracene	ug/L	ND	83.3	83.3	82.3	81.1	99	97	39-148	1	30	
Dibenzofuran	ug/L	ND	83.3	83.3	73.6	78.7	88	94	20-130	7	30	
Diethylphthalate	ug/L	ND	83.3	83.3	80.8	79.4	97	95	28-142	2	30	
Dimethylphthalate	ug/L	ND	83.3	83.3	78.2	78.5	94	94	26-136	0	30	
Fluoranthene	ug/L	ND	83.3	83.3	79.4	79.8	95	96	39-143	1	30	
Fluorene	ug/L	ND	83.3	83.3	76.2	80.7	91	97	24-132	6	30	
Hexachlorobenzene	ug/L	ND	83.3	83.3	73.1	73.5	88	88	29-130	1	30	
Hexachlorocyclopentadiene	ug/L	ND	83.3	83.3	57.0	48.6	68	58	10-130	16	30	
Hexachloroethane	ug/L	ND	83.3	83.3	44.1	26.5	53	32	10-130	50	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	83.3	83.3	82.7	82.6	99	99	39-148	0	30	
Isophorone	ug/L	ND	83.3	83.3	72.0	71.9	86	86	23-130	0	30	
N-Nitroso-di-n-propylamine	ug/L	ND	83.3	83.3	66.7	63.2	80	76	25-130	5	30	
N-Nitrosodimethylamine	ug/L	ND	83.3	83.3	53.7	58.8	64	71	22-130	9	30	
N-Nitrosodiphenylamine	ug/L	ND	83.3	83.3	80.7	79.6	97	96	26-134	1	30	
Nitrobenzene	ug/L	ND	83.3	83.3	64.2	60.3	77	72	25-130	6	30	
Pentachlorophenol	ug/L	ND	167	167	111	69.2	67	41	10-175	47	30	R1
Phenanthrene	ug/L	ND	83.3	83.3	77.9	78.3	94	94	36-133	0	30	
Phenol	ug/L	ND	83.3	83.3	52.9	56.4	63	68	10-130	6	30	
Pyrene	ug/L	ND	83.3	83.3	82.2	83.4	99	100	40-143	1	30	
2,4,6-Tribromophenol (S)	%						99	93	10-144			
2-Fluorobiphenyl (S)	%						88	74	10-130			
2-Fluorophenol (S)	%						59	59	10-130			
Nitrobenzene-d5 (S)	%						77	68	10-144			
Phenol-d6 (S)	%						62	68	10-130			
Terphenyl-d14 (S)	%						107	105	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727346
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628343001, 92628343002, 92628343003, 92628343004, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010

METHOD BLANK: 3787797
Matrix: Water
Associated Lab Samples: 92628343001, 92628343002, 92628343003, 92628343004, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/03/22 10:39	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/03/22 10:39	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/03/22 10:39	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/03/22 10:39	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/03/22 10:39	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/03/22 10:39	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/03/22 10:39	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/03/22 10:39	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/03/22 10:39	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/03/22 10:39	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/03/22 10:39	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/03/22 10:39	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/03/22 10:39	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/03/22 10:39	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/03/22 10:39	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/03/22 10:39	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/03/22 10:39	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/03/22 10:39	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/03/22 10:39	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/03/22 10:39	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/03/22 10:39	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/03/22 10:39	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/03/22 10:39	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/03/22 10:39	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/03/22 10:39	
Acenaphthene	ug/L	ND	10.0	2.0	10/03/22 10:39	
Acenaphthylene	ug/L	ND	10.0	2.0	10/03/22 10:39	
Aniline	ug/L	ND	10.0	1.6	10/03/22 10:39	
Anthracene	ug/L	ND	10.0	2.3	10/03/22 10:39	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/03/22 10:39	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/03/22 10:39	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/03/22 10:39	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/03/22 10:39	
Benzoic Acid	ug/L	ND	50.0	22.0	10/03/22 10:39	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/03/22 10:39	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/03/22 10:39	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/03/22 10:39	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/03/22 10:39	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/03/22 10:39	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3787797 Matrix: Water
Associated Lab Samples: 92628343001, 92628343002, 92628343003, 92628343004, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	10/03/22 10:39	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/03/22 10:39	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/03/22 10:39	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/03/22 10:39	
Dibenzofuran	ug/L	ND	10.0	2.1	10/03/22 10:39	
Diethylphthalate	ug/L	ND	10.0	2.0	10/03/22 10:39	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/03/22 10:39	
Fluoranthene	ug/L	ND	10.0	2.2	10/03/22 10:39	
Fluorene	ug/L	ND	10.0	2.1	10/03/22 10:39	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/03/22 10:39	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/03/22 10:39	
Hexachloroethane	ug/L	ND	10.0	1.4	10/03/22 10:39	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/03/22 10:39	
Isophorone	ug/L	ND	10.0	1.7	10/03/22 10:39	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/03/22 10:39	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/03/22 10:39	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/03/22 10:39	
Nitrobenzene	ug/L	ND	10.0	1.9	10/03/22 10:39	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/03/22 10:39	
Phenanthrene	ug/L	ND	10.0	2.0	10/03/22 10:39	
Phenol	ug/L	ND	10.0	1.4	10/03/22 10:39	
Pyrene	ug/L	ND	10.0	2.2	10/03/22 10:39	
2,4,6-Tribromophenol (S)	%	87	10-144		10/03/22 10:39	
2-Fluorobiphenyl (S)	%	45	10-130		10/03/22 10:39	
2-Fluorophenol (S)	%	56	10-130		10/03/22 10:39	
Nitrobenzene-d5 (S)	%	75	10-144		10/03/22 10:39	
Phenol-d6 (S)	%	42	10-130		10/03/22 10:39	
Terphenyl-d14 (S)	%	104	34-163		10/03/22 10:39	

LABORATORY CONTROL SAMPLE: 3787798

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	45.7	91	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	55.8	112	28-130	
2,4,5-Trichlorophenol	ug/L	50	56.8	114	35-130	
2,4,6-Trichlorophenol	ug/L	50	58.2	116	31-130	
2,4-Dichlorophenol	ug/L	50	55.5	111	35-130	
2,4-Dimethylphenol	ug/L	50	62.4	125	34-130	
2,4-Dinitrophenol	ug/L	250	258	103	10-153	
2,4-Dinitrotoluene	ug/L	50	63.5	127	37-136	
2,6-Dinitrotoluene	ug/L	50	61.8	124	33-136	
2-Chloronaphthalene	ug/L	50	46.9	94	26-130	
2-Chlorophenol	ug/L	50	51.7	103	37-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3787798

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	43.4	87	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	48.9	98	35-130	
2-Nitroaniline	ug/L	100	111	111	37-130	
2-Nitrophenol	ug/L	50	53.1	106	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	46.9	94	34-130	
3,3'-Dichlorobenzidine	ug/L	100	120	120	34-136	
3-Nitroaniline	ug/L	100	126	126	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	122	122	21-157	
4-Bromophenylphenyl ether	ug/L	50	53.5	107	38-130	
4-Chloro-3-methylphenol	ug/L	100	111	111	37-130	
4-Chloroaniline	ug/L	100	113	113	38-130	
4-Chlorophenylphenyl ether	ug/L	50	50.8	102	33-130	
4-Nitroaniline	ug/L	100	126	126	42-137	
4-Nitrophenol	ug/L	250	173	69	10-130	
Acenaphthene	ug/L	50	52.3	105	33-130	
Acenaphthylene	ug/L	50	52.8	106	35-130	
Aniline	ug/L	50	45.5	91	22-130	
Anthracene	ug/L	50	53.8	108	48-130	
Benzo(a)anthracene	ug/L	50	59.8	120	48-137	
Benzo(b)fluoranthene	ug/L	50	61.3	123	52-138	
Benzo(g,h,i)perylene	ug/L	50	63.4	127	48-140	
Benzo(k)fluoranthene	ug/L	50	62.0	124	48-139	
Benzoic Acid	ug/L	250	145	58	10-130	
Benzyl alcohol	ug/L	100	98.5	98	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	53.9	108	34-130	
bis(2-Chloroethyl) ether	ug/L	50	53.6	107	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.9	134	32-165	
Butylbenzylphthalate	ug/L	50	66.8	134	34-161	
Chrysene	ug/L	50	59.8	120	47-131	
Di-n-butylphthalate	ug/L	50	60.4	121	39-144	
Di-n-octylphthalate	ug/L	50	72.4	145	30-170	
Dibenz(a,h)anthracene	ug/L	50	63.2	126	49-138	
Dibenzofuran	ug/L	50	54.4	109	33-130	
Diethylphthalate	ug/L	50	59.8	120	38-131	
Dimethylphthalate	ug/L	50	57.5	115	37-130	
Fluoranthene	ug/L	50	61.9	124	46-137	
Fluorene	ug/L	50	56.6	113	37-130	
Hexachlorobenzene	ug/L	50	54.5	109	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.6	43	10-130	
Hexachloroethane	ug/L	50	14.7	29	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	63.7	127	41-130	
Isophorone	ug/L	50	56.0	112	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	54.3	109	36-130	
N-Nitrosodimethylamine	ug/L	50	45.8	92	34-130	
N-Nitrosodiphenylamine	ug/L	50	59.6	119	37-130	
Nitrobenzene	ug/L	50	53.5	107	36-130	
Pentachlorophenol	ug/L	100	118	118	23-149	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3787798

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	59.6	119	44-130	
Phenol	ug/L	50	33.9	68	18-130	
Pyrene	ug/L	50	61.7	123	47-134	
2,4,6-Tribromophenol (S)	%			115	10-144	
2-Fluorobiphenyl (S)	%			79	10-130	
2-Fluorophenol (S)	%			74	10-130	
Nitrobenzene-d5 (S)	%			96	10-144	
Phenol-d6 (S)	%			61	10-130	
Terphenyl-d14 (S)	%			121	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787799 3787800

Parameter	Units	92627941015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	100	100	43.5	59.4	42	58	10-130	31	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	48.9	56.9	49	57	12-142	15	30	
2,4,5-Trichlorophenol	ug/L	ND	100	100	92.6	104	93	104	10-143	11	30	
2,4,6-Trichlorophenol	ug/L	ND	100	100	84.6	99.1	85	99	10-147	16	30	
2,4-Dichlorophenol	ug/L	ND	100	100	71.0	84.3	71	84	10-138	17	30	
2,4-Dimethylphenol	ug/L	ND	100	100	80.8	96.4	81	96	25-130	18	30	
2,4-Dinitrophenol	ug/L	ND	500	500	159	216	32	43	10-165	30	30	
2,4-Dinitrotoluene	ug/L	ND	100	100	115	114	115	114	29-148	1	30	
2,6-Dinitrotoluene	ug/L	ND	100	100	106	113	106	113	26-146	6	30	
2-Chloronaphthalene	ug/L	ND	100	100	55.6	69.3	56	69	11-130	22	30	
2-Chlorophenol	ug/L	ND	100	100	56.6	64.2	57	64	10-133	13	30	
2-Methylnaphthalene	ug/L	ND	100	100	40.9	56.4	40	55	13-130	32	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	62.0	69.7	62	70	20-130	12	30	
2-Nitroaniline	ug/L	ND	200	200	187	205	94	102	24-136	9	30	
2-Nitrophenol	ug/L	ND	100	100	62.7	78.5	63	78	10-153	22	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	63.1	76.2	63	76	16-130	19	30	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	219	232	109	116	10-153	6	30	
3-Nitroaniline	ug/L	ND	200	200	222	231	111	116	22-151	4	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	168	210	84	105	10-180	22	30	
4-Bromophenylphenyl ether	ug/L	ND	100	100	95.0	104	95	104	25-130	9	30	
4-Chloro-3-methylphenol	ug/L	ND	200	200	174	202	87	101	25-133	15	30	
4-Chloroaniline	ug/L	ND	200	200	141	174	71	87	14-132	21	30	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	85.8	94.8	86	95	19-130	10	30	
4-Nitroaniline	ug/L	ND	200	200	219	224	110	112	29-150	2	30	
4-Nitrophenol	ug/L	ND	500	500	243	309	49	62	10-130	24	30	
Acenaphthene	ug/L	ND	100	100	76.4	88.6	76	89	16-130	15	30	
Acenaphthylene	ug/L	ND	100	100	75.3	89.2	75	89	15-137	17	30	
Aniline	ug/L	ND	100	100	49.7	57.4	50	57	10-130	14	30	
Anthracene	ug/L	ND	100	100	97.1	102	97	102	37-136	5	30	
Benzo(a)anthracene	ug/L	ND	100	100	107	114	107	114	40-145	7	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787799 3787800

Parameter	Units	92627941015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(b)fluoranthene	ug/L	ND	100	100	108	116	108	116	39-151	7	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	113	120	113	120	40-147	6	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	112	121	112	121	40-146	7	30	
Benzoic Acid	ug/L	ND	500	500	84.8J	82.5J	17	17	10-130		30	
Benzyl alcohol	ug/L	ND	200	200	131	153	66	77	25-130	15	30	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	63.1	80.7	63	81	23-130	24	30	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	61.3	70.7	61	71	25-130	14	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	119	128	119	128	28-166	8	30	
Butylbenzylphthalate	ug/L	ND	100	100	124	130	124	130	33-165	5	30	
Chrysene	ug/L	ND	100	100	108	114	108	114	38-141	5	30	
Di-n-butylphthalate	ug/L	ND	100	100	109	115	109	115	32-153	5	30	
Di-n-octylphthalate	ug/L	ND	100	100	127	136	127	136	30-175	7	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	111	120	111	120	39-148	8	30	
Dibenzofuran	ug/L	ND	100	100	86.3	95.2	86	95	20-130	10	30	
Diethylphthalate	ug/L	ND	100	100	109	112	109	112	28-142	2	30	
Dimethylphthalate	ug/L	ND	100	100	102	107	102	107	26-136	5	30	
Fluoranthene	ug/L	ND	100	100	112	116	112	116	39-143	4	30	
Fluorene	ug/L	ND	100	100	96.4	104	96	104	24-132	8	30	
Hexachlorobenzene	ug/L	ND	100	100	96.8	103	97	103	29-130	6	30	
Hexachlorocyclopentadiene	ug/L	ND	100	100	19.4J	25.8	19	26	10-130		30	
Hexachloroethane	ug/L	ND	100	100	3.6J	3.4J	4	3	10-130		30	M1
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	115	122	115	122	39-148	6	30	
Isophorone	ug/L	ND	100	100	75.6	96.9	76	97	23-130	25	30	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	67.6	81.9	68	82	25-130	19	30	
N-Nitrosodimethylamine	ug/L	ND	100	100	58.8	70.0	59	70	22-130	17	30	
N-Nitrosodiphenylamine	ug/L	ND	100	100	103	112	103	112	26-134	8	30	
Nitrobenzene	ug/L	ND	100	100	56.9	66.5	57	66	25-130	15	30	
Pentachlorophenol	ug/L	ND	200	200	185	211	92	106	10-175	13	30	
Phenanthrene	ug/L	ND	100	100	106	112	106	112	36-133	6	30	
Phenol	ug/L	ND	100	100	43.4	52.2	43	52	10-130	18	30	
Pyrene	ug/L	ND	100	100	111	119	111	119	40-143	7	30	
2,4,6-Tribromophenol (S)	%						99	109	10-144			
2-Fluorobiphenyl (S)	%						52	57	10-130			
2-Fluorophenol (S)	%						53	62	10-130			
Nitrobenzene-d5 (S)	%						65	78	10-144			
Phenol-d6 (S)	%						43	53	10-130			
Terphenyl-d14 (S)	%						107	115	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727468
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92628343005

METHOD BLANK: 3788327 Matrix: Water
Associated Lab Samples: 92628343005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/04/22 09:42	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/04/22 09:42	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/04/22 09:42	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/04/22 09:42	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/04/22 09:42	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/04/22 09:42	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/04/22 09:42	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/04/22 09:42	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/04/22 09:42	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/04/22 09:42	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/04/22 09:42	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/04/22 09:42	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/04/22 09:42	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/04/22 09:42	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/04/22 09:42	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/04/22 09:42	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/04/22 09:42	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/04/22 09:42	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/04/22 09:42	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/04/22 09:42	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/04/22 09:42	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/04/22 09:42	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/04/22 09:42	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/04/22 09:42	v1
4-Nitrophenol	ug/L	ND	50.0	6.6	10/04/22 09:42	v1
Acenaphthene	ug/L	ND	10.0	2.0	10/04/22 09:42	
Acenaphthylene	ug/L	ND	10.0	2.0	10/04/22 09:42	
Aniline	ug/L	ND	10.0	1.6	10/04/22 09:42	
Anthracene	ug/L	ND	10.0	2.3	10/04/22 09:42	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/04/22 09:42	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/04/22 09:42	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/04/22 09:42	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/04/22 09:42	
Benzoic Acid	ug/L	ND	50.0	22.0	10/04/22 09:42	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/04/22 09:42	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/04/22 09:42	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/04/22 09:42	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/04/22 09:42	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/04/22 09:42	
Chrysene	ug/L	ND	10.0	2.8	10/04/22 09:42	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

METHOD BLANK: 3788327 Matrix: Water
Associated Lab Samples: 92628343005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/04/22 09:42	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/04/22 09:42	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/04/22 09:42	
Dibenzofuran	ug/L	ND	10.0	2.1	10/04/22 09:42	
Diethylphthalate	ug/L	ND	10.0	2.0	10/04/22 09:42	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/04/22 09:42	
Fluoranthene	ug/L	ND	10.0	2.2	10/04/22 09:42	
Fluorene	ug/L	ND	10.0	2.1	10/04/22 09:42	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/04/22 09:42	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/04/22 09:42	
Hexachloroethane	ug/L	ND	10.0	1.4	10/04/22 09:42	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/04/22 09:42	
Isophorone	ug/L	ND	10.0	1.7	10/04/22 09:42	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/04/22 09:42	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/04/22 09:42	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/04/22 09:42	
Nitrobenzene	ug/L	ND	10.0	1.9	10/04/22 09:42	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/04/22 09:42	
Phenanthrene	ug/L	ND	10.0	2.0	10/04/22 09:42	
Phenol	ug/L	ND	10.0	1.4	10/04/22 09:42	
Pyrene	ug/L	ND	10.0	2.2	10/04/22 09:42	
2,4,6-Tribromophenol (S)	%	77	10-144		10/04/22 09:42	
2-Fluorobiphenyl (S)	%	62	10-130		10/04/22 09:42	
2-Fluorophenol (S)	%	61	10-130		10/04/22 09:42	
Nitrobenzene-d5 (S)	%	81	10-144		10/04/22 09:42	
Phenol-d6 (S)	%	49	10-130		10/04/22 09:42	
Terphenyl-d14 (S)	%	91	34-163		10/04/22 09:42	

LABORATORY CONTROL SAMPLE: 3788328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	40.2	80	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	38.6	77	28-130	
2,4,5-Trichlorophenol	ug/L	50	45.5	91	35-130	
2,4,6-Trichlorophenol	ug/L	50	46.9	94	31-130	
2,4-Dichlorophenol	ug/L	50	41.9	84	35-130	
2,4-Dimethylphenol	ug/L	50	58.6	117	34-130	
2,4-Dinitrophenol	ug/L	250	190	76	10-153	
2,4-Dinitrotoluene	ug/L	50	60.0	120	37-136	
2,6-Dinitrotoluene	ug/L	50	55.5	111	33-136	
2-Chloronaphthalene	ug/L	50	42.4	85	26-130	
2-Chlorophenol	ug/L	50	39.3	79	37-130	
2-Methylnaphthalene	ug/L	50	39.0	78	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	40.1	80	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3788328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	106	106	37-130	
2-Nitrophenol	ug/L	50	46.7	93	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.3	79	34-130	
3,3'-Dichlorobenzidine	ug/L	100	103	103	34-136	
3-Nitroaniline	ug/L	100	114	114	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	94.4	94	21-157	
4-Bromophenylphenyl ether	ug/L	50	43.1	86	38-130	
4-Chloro-3-methylphenol	ug/L	100	94.3	94	37-130	
4-Chloroaniline	ug/L	100	90.1	90	38-130	
4-Chlorophenylphenyl ether	ug/L	50	45.9	92	33-130	
4-Nitroaniline	ug/L	100	124	124	42-137	v1
4-Nitrophenol	ug/L	250	165	66	10-130	v1
Acenaphthene	ug/L	50	44.0	88	33-130	
Acenaphthylene	ug/L	50	44.8	90	35-130	
Aniline	ug/L	50	38.3	77	22-130	
Anthracene	ug/L	50	43.5	87	48-130	
Benzo(a)anthracene	ug/L	50	48.7	97	48-137	
Benzo(b)fluoranthene	ug/L	50	48.0	96	52-138	
Benzo(g,h,i)perylene	ug/L	50	55.8	112	48-140	
Benzo(k)fluoranthene	ug/L	50	49.0	98	48-139	
Benzoic Acid	ug/L	250	34.8J	14	10-130	
Benzyl alcohol	ug/L	100	84.5	85	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	40.8	82	34-130	
bis(2-Chloroethyl) ether	ug/L	50	39.9	80	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	53.0	106	32-165	
Butylbenzylphthalate	ug/L	50	52.0	104	34-161	
Chrysene	ug/L	50	47.1	94	47-131	
Di-n-butylphthalate	ug/L	50	55.8	112	39-144	
Di-n-octylphthalate	ug/L	50	52.6	105	30-170	
Dibenz(a,h)anthracene	ug/L	50	53.8	108	49-138	
Dibenzofuran	ug/L	50	46.0	92	33-130	
Diethylphthalate	ug/L	50	54.1	108	38-131	
Dimethylphthalate	ug/L	50	52.4	105	37-130	
Fluoranthene	ug/L	50	53.3	107	46-137	
Fluorene	ug/L	50	47.7	95	37-130	
Hexachlorobenzene	ug/L	50	44.6	89	38-130	
Hexachlorocyclopentadiene	ug/L	50	34.4	69	10-130	
Hexachloroethane	ug/L	50	21.6	43	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	56.4	113	41-130	
Isophorone	ug/L	50	47.2	94	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	47.2	94	36-130	
N-Nitrosodimethylamine	ug/L	50	37.2	74	34-130	
N-Nitrosodiphenylamine	ug/L	50	46.1	92	37-130	
Nitrobenzene	ug/L	50	43.4	87	36-130	
Pentachlorophenol	ug/L	100	99.1	99	23-149	
Phenanthrene	ug/L	50	47.5	95	44-130	
Phenol	ug/L	50	28.8	58	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: Bramlette MGP J22100011
Pace Project No.: 92628343

LABORATORY CONTROL SAMPLE: 3788328

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	42.5	85	47-134	
2,4,6-Tribromophenol (S)	%			102	10-144	
2-Fluorobiphenyl (S)	%			74	10-130	
2-Fluorophenol (S)	%			63	10-130	
Nitrobenzene-d5 (S)	%			85	10-144	
Phenol-d6 (S)	%			52	10-130	
Terphenyl-d14 (S)	%			88	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788329 3788330

Parameter	Units	92628598018 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	83.3	83.3	32.0	38.1	38	46	10-130	17	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	83.3	83.3	30.0	33.7	36	40	12-142	11	30	
2,4,5-Trichlorophenol	ug/L	ND	83.3	83.3	42.0	48.6	50	58	10-143	15	30	
2,4,6-Trichlorophenol	ug/L	ND	83.3	83.3	39.8	47.7	48	57	10-147	18	30	
2,4-Dichlorophenol	ug/L	ND	83.3	83.3	35.8	44.8	43	54	10-138	22	30	
2,4-Dimethylphenol	ug/L	ND	83.3	83.3	50.9	62.4	61	75	25-130	20	30	
2,4-Dinitrophenol	ug/L	ND	417	417	144	130	35	31	10-165	10	30	
2,4-Dinitrotoluene	ug/L	ND	83.3	83.3	71.5	70.9	86	85	29-148	1	30	
2,6-Dinitrotoluene	ug/L	ND	83.3	83.3	53.4	64.1	64	77	26-146	18	30	
2-Chloronaphthalene	ug/L	ND	83.3	83.3	37.7	41.3	45	50	11-130	9	30	
2-Chlorophenol	ug/L	ND	83.3	83.3	31.7	39.9	38	48	10-133	23	30	
2-Methylnaphthalene	ug/L	ND	83.3	83.3	31.4	36.5	38	44	13-130	15	30	
2-Methylphenol(o-Cresol)	ug/L	ND	83.3	83.3	33.3	42.8	40	51	20-130	25	30	
2-Nitroaniline	ug/L	ND	167	167	102	119	61	71	24-136	15	30	
2-Nitrophenol	ug/L	ND	83.3	83.3	38.1	46.6	46	56	10-153	20	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	83.3	83.3	32.8	43.3	39	52	16-130	28	30	
3,3'-Dichlorobenzidine	ug/L	ND	167	167	170	177	102	106	10-153	4	30	
3-Nitroaniline	ug/L	ND	167	167	120	137	72	82	22-151	14	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	167	167	116	102	70	61	10-180	13	30	
4-Bromophenylphenyl ether	ug/L	ND	83.3	83.3	42.6	47.1	51	57	25-130	10	30	
4-Chloro-3-methylphenol	ug/L	ND	167	167	82.0	103	49	62	25-133	22	30	
4-Chloroaniline	ug/L	ND	167	167	80.0	97.2	48	58	14-132	19	30	
4-Chlorophenylphenyl ether	ug/L	ND	83.3	83.3	42.4	48.2	51	58	19-130	13	30	
4-Nitroaniline	ug/L	ND	167	167	169	161	101	96	29-150	5	30	v1
4-Nitrophenol	ug/L	ND	417	417	184	165	44	40	10-130	11	30	v1
Acenaphthene	ug/L	ND	83.3	83.3	40.5	47.3	49	57	16-130	16	30	
Acenaphthylene	ug/L	ND	83.3	83.3	40.2	46.4	48	56	15-137	14	30	
Aniline	ug/L	ND	83.3	83.3	32.5	40.5	39	49	10-130	22	30	
Anthracene	ug/L	ND	83.3	83.3	49.2	50.9	59	61	37-136	3	30	
Benzo(a)anthracene	ug/L	ND	83.3	83.3	75.4	78.3	90	94	40-145	4	30	
Benzo(b)fluoranthene	ug/L	ND	83.3	83.3	77.9	74.7	94	90	39-151	4	30	
Benzo(g,h,i)perylene	ug/L	ND	83.3	83.3	90.7	86.1	109	103	40-147	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: Bramlette MGP J22100011
Pace Project No.: 92628343

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788329 3788330

Parameter	Units	92628598018 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	83.3	83.3	75.6	74.9	91	90	40-146	1	30	
Benzoic Acid	ug/L	ND	417	417	ND	ND	6	7	10-130		30	M1
Benzyl alcohol	ug/L	ND	167	167	72.4	91.6	43	55	25-130	23	30	
bis(2-Chloroethoxy)methane	ug/L	ND	83.3	83.3	33.9	42.3	41	51	23-130	22	30	
bis(2-Chloroethyl) ether	ug/L	ND	83.3	83.3	32.3	38.0	39	46	25-130	16	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	83.3	83.3	86.4	88.7	104	106	28-166	3	30	
Butylbenzylphthalate	ug/L	ND	83.3	83.3	84.2	89.5	101	107	33-165	6	30	
Chrysene	ug/L	ND	83.3	83.3	76.6	78.3	92	94	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	83.3	83.3	84.2	83.7	101	100	32-153	1	30	
Di-n-octylphthalate	ug/L	ND	83.3	83.3	84.5	87.4	101	105	30-175	3	30	
Dibenz(a,h)anthracene	ug/L	ND	83.3	83.3	88.5	86.8	106	104	39-148	2	30	
Dibenzofuran	ug/L	ND	83.3	83.3	43.3	49.0	52	59	20-130	13	30	
Diethylphthalate	ug/L	ND	83.3	83.3	60.0	61.8	72	74	28-142	3	30	
Dimethylphthalate	ug/L	ND	83.3	83.3	50.0	56.8	60	68	26-136	13	30	
Fluoranthene	ug/L	ND	83.3	83.3	78.3	78.9	94	95	39-143	1	30	
Fluorene	ug/L	ND	83.3	83.3	44.9	51.7	54	62	24-132	14	30	
Hexachlorobenzene	ug/L	ND	83.3	83.3	44.9	50.0	54	60	29-130	11	30	
Hexachlorocyclopentadiene	ug/L	ND	83.3	83.3	24.0	25.6	29	31	10-130	7	30	
Hexachloroethane	ug/L	ND	83.3	83.3	7.4J	6.8J	9	8	10-130		30	M1
Indeno(1,2,3-cd)pyrene	ug/L	ND	83.3	83.3	89.6	88.2	108	106	39-148	2	30	
Isophorone	ug/L	ND	83.3	83.3	39.6	48.3	47	58	23-130	20	30	
N-Nitroso-di-n-propylamine	ug/L	ND	83.3	83.3	39.3	48.6	47	58	25-130	21	30	
N-Nitrosodimethylamine	ug/L	ND	83.3	83.3	33.0	40.6	40	49	22-130	21	30	
N-Nitrosodiphenylamine	ug/L	ND	83.3	83.3	46.2	52.4	55	63	26-134	13	30	
Nitrobenzene	ug/L	ND	83.3	83.3	37.8	42.3	45	51	25-130	11	30	
Pentachlorophenol	ug/L	ND	167	167	127	118	76	71	10-175	7	30	
Phenanthrene	ug/L	ND	83.3	83.3	53.8	56.5	65	68	36-133	5	30	
Phenol	ug/L	ND	83.3	83.3	24.4	31.8	29	38	10-130	27	30	
Pyrene	ug/L	ND	83.3	83.3	65.2	69.2	78	83	40-143	6	30	
2,4,6-Tribromophenol (S)	%						59	63	10-144			
2-Fluorobiphenyl (S)	%						34	39	10-130			
2-Fluorophenol (S)	%						32	39	10-130			
Nitrobenzene-d5 (S)	%						41	50	10-144			
Phenol-d6 (S)	%						27	35	10-130			
Terphenyl-d14 (S)	%						81	85	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

QC Batch: 727370
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: 92628343001, 92628343002, 92628343003, 92628343004, 92628343005, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010, 92628343011, 92628343012, 92628343013, 92628343014, 92628343015, 92628343016, 92628343017, 92628343018, 92628343019

METHOD BLANK: 3787888 Matrix: Water
Associated Lab Samples: 92628343001, 92628343002, 92628343003, 92628343004, 92628343005, 92628343006, 92628343007, 92628343008, 92628343009, 92628343010, 92628343011, 92628343012, 92628343013, 92628343014, 92628343015, 92628343016, 92628343017, 92628343018, 92628343019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/04/22 14:55	
2-Fluorobiphenyl (S)	%	75	61-194		10/04/22 14:55	
Nitrobenzene-d5 (S)	%	91	69-194		10/04/22 14:55	
Terphenyl-d14 (S)	%	89	69-180		10/04/22 14:55	

LABORATORY CONTROL SAMPLE: 3787889

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.5	98	70-130	
2-Fluorobiphenyl (S)	%			85	61-194	
Nitrobenzene-d5 (S)	%			95	69-194	
Terphenyl-d14 (S)	%			96	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787890 3787891

Parameter	Units	92628343003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	5.2	5.4	104	108	11-178	4	30	
2-Fluorobiphenyl (S)	%						78	81	61-194			
Nitrobenzene-d5 (S)	%						85	83	69-194			
Terphenyl-d14 (S)	%						96	94	69-180			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
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: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628343001	MW-29S-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343002	MW-29TZ-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343003	MW-29BR-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343004	MW-34S-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343005	MW-34TZ-20220927	EPA 3510C	727468	EPA 8270E	727651
92628343006	MW-34BR-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343007	MW-43S-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343008	MW-50S-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343009	MW-50TZ-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343010	SW-2-20220927	EPA 3510C	727346	EPA 8270E	727430
92628343011	SW-3-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343012	SW-4-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343013	SW-7-20220926	EPA 3510C	727041	EPA 8270E	727174
92628343014	SW-8-20220926	EPA 3510C	727041	EPA 8270E	727174
92628343015	SW-9-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343016	SW-10-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343017	SW-11-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343018	SW-12-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343019	DUP-01-20220927	EPA 3510C	727059	EPA 8270E	727204
92628343001	MW-29S-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343002	MW-29TZ-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343003	MW-29BR-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343004	MW-34S-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343005	MW-34TZ-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343006	MW-34BR-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343007	MW-43S-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343008	MW-50S-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343009	MW-50TZ-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343010	SW-2-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343011	SW-3-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343012	SW-4-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343013	SW-7-20220926	EPA 3511	727370	EPA 8270E by SIM	727416
92628343014	SW-8-20220926	EPA 3511	727370	EPA 8270E by SIM	727416
92628343015	SW-9-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343016	SW-10-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343017	SW-11-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343018	SW-12-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343019	DUP-01-20220927	EPA 3511	727370	EPA 8270E by SIM	727416
92628343001	MW-29S-20220927	EPA 8260D	726884		
92628343002	MW-29TZ-20220927	EPA 8260D	727244		
92628343003	MW-29BR-20220927	EPA 8260D	726884		
92628343004	MW-34S-20220927	EPA 8260D	726884		
92628343005	MW-34TZ-20220927	EPA 8260D	726884		
92628343006	MW-34BR-20220927	EPA 8260D	726884		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bramlette MGP J22100011
Pace Project No.: 92628343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628343007	**MW-43S-20220927**	EPA 8260D	726884		
92628343008	**MW-50S-20220927**	EPA 8260D	726884		
92628343009	**MW-50TZ-20220927**	EPA 8260D	726884		
92628343010	**SW-2-20220927**	EPA 8260D	726884		
92628343011	**SW-3-20220927**	EPA 8260D	726884		
92628343012	**SW-4-20220927**	EPA 8260D	726884		
92628343013	**SW-7-20220926**	EPA 8260D	726884		
92628343014	**SW-8-20220926**	EPA 8260D	726890		
92628343015	**SW-9-20220927**	EPA 8260D	726890		
92628343016	**SW-10-20220927**	EPA 8260D	726890		
92628343017	**SW-11-20220927**	EPA 8260D	726890		
92628343018	**SW-12-20220927**	EPA 8260D	726890		
92628343019	**DUP-01-20220927**	EPA 8260D	727114		
92628343020	**TB-01-20220927**	EPA 8260D	726890		
92628343021	**TB-02-20220927**	EPA 8260D	726890		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

WO# : 92628343

92628343

ALL SHADE

Company: GeoSyntec

Billing Information:

Address:

Report To: Michael Martin

Email To: MMartin@Geosyntec.com

Copy To:

Site Collection Info/Address: Former Bramlette MGP SITE

Customer Project Name/Number:

State: SC | County/City: Greenville | Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Container Preservative Type

** Preservative Types: (1) nitric acid, (2) sulfuric ... (6) methanol, (7) sodium bisulfate, (8) sodium th... (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): John Trotter

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

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

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

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

Analysis: _____

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

Analyses: 8260 | 8270 | 8270 SIM DAH

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270 SIM DAH
MW-29S-20220927	Water	G	9-27-22	1230				8	X	X	X
MW-29TZ-20220927				1220							
MW-29BR-20220927				1345							
MW-34S-20220927				1036							
MW-34TZ-20220927				1130							
MW-34BR-20220927				0950							
MW-43S-20220927				1620							
MW-50S-20220927				1510							
MW-50TZ-20220927				1525							
SW-2-20220927				1445							

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2704927

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

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 92T064
Cooler 1 Temp Upon Receipt: 1.8 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.8,2.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
GeoSyntec	9-27-22 1735		9-27-22 1735
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
			9-28 1515
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	9/28	Y. Perrain / Pace AVL	9/28 1710

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Y. Perrain / Pace AVL 9/28 2100 TS Pace 9/28/22 0800

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder

WO# : 92628343

PM: NMG Due Date: 10/05/22

CLIENT: 92-Duke Ener

ALL SHADED

Company: Geosyntec	Billing Information:
Address:	
Report To: Michael Martin	Email To: MMartin@Geosyntec.com
Copy To:	Site Collection Info/Address: Former Bramlette MGP Site
Customer Project Name/Number:	State: SC County/City: Greenville Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): John Totto	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type *

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270 SIM PAH
SW-3-20220927	GW	G	9-27-22	1420				8	X	X	X
SW-4-20220927				1400							
SW-7-20220927			*9-26-22	1600							
SW-8-20220927			*9-26-22	1645							
SW-9-20220927				0930							
SW-10-20220927				1020							
SW-11-20220927				1130							
SW-12-20220927				1200							
Dup-01-20220927				2005							
TB-01-20220927	↓ OT	↓	↓	—				2	↓	↓	↓

Customer Remarks / Special Conditions / Possible Hazards:
*Chelsea Smith per client request 9-28-22 1500 dates changed

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2704929

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time: 9-27-22 1735	Received by/Company: (Signature) Chelsea Smith
Relinquished by/Company: (Signature) Chelsea Smith	Date/Time:	Received by/Company: (Signature)
Relinquished by/Company: (Signature)	Date/Time: 9/28	Received by/Company: (Signature) M. Perrain/Pace AVL

Date/Time: 9-27-22 1735
Date/Time: 9/28 1515
Date/Time: 9/28 1710

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

M. Perrain/Pace AVL 9/28 2100 TS Pace 9/29/22 0800

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

WO# : 92628343

PM: NMG Due Date: 10/05/22

CLIENT: 92-Duke Ener

Company: Geosyntec	Billing Information:
Address:	
Report To: Michael Martin	Email To: mmartin@geosyntec.com
Copy To:	Site Collection Info/Address: Former Bramlette MGP Site
Customer Project Name/Number:	State: SC / County/City: Greenville / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

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

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: 2260	Lab Profile/Line:
TB-02-20220927	OT		9-27-22	—				2	X	

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2704925

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

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 92100649
Cooler 1 Temp Upon Receipt: 1.8 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.8 oC
Comments: 2.9

	Date/Time		Date/Time
Relinquished by/Company: (Signature) Geosyntec	9-27-22 1735	Received by/Company: (Signature)	9-27-22 1735
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 9/28 1515
Relinquished by/Company: (Signature)	Date/Time: 9/28	Received by/Company: (Signature) B. Perrais / Pace AR	Date/Time: 9/28 1710

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

B. Perrais / Pace AR 9/28 2100 TS Pace 9/29/22 0800

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

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

***Check all unpreserved Nitrates for chlorine

Project

WO#: 92628343

PM: NMG Due Date: 10/05/22

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3											2		3
2																3											2		3
3																3											2		3
4																3											2		3
5																3											2		3
6																3											2		3
7																3											2		3
8																3											2		3
9																3											2		3
10																3											2		3
11																3											2		3
12																3											2		3

pH Adjustment Log for Preserved Samples

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

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

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

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

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

***Check all unpreserved Nitrates for chlorine

Project

WO# : 92628343

PM: NMG Due Date: 10/05/22

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3											3		3
2																3											3		3
3																3											3		3
4																3											3		3
5																3											3		3
6																3											3		3
7																3											3		3
8																4													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

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

October 07, 2022

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

RE: Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Charlotte

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

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

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

SAMPLE SUMMARY

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92628594001	MW-40BR-20220928	Water	09/28/22 09:30	09/29/22 16:55
92628594002	MW-22-20220928	Water	09/28/22 09:32	09/29/22 16:55
92628594003	MW-5-20220928	Water	09/28/22 10:40	09/29/22 16:55
92628594004	MW-41S-20220928	Water	09/28/22 11:59	09/29/22 16:55
92628594005	MW-41TZ-20220928	Water	09/28/22 12:10	09/29/22 16:55
92628594006	MW-41BR-20220928	Water	09/28/22 13:15	09/29/22 16:55
92628594007	MW-13R-20220928	Water	09/28/22 15:20	09/29/22 16:55
92628594008	MW-27-20220928	Water	09/28/22 15:25	09/29/22 16:55
92628594009	MW-43TZ-20220928	Water	09/28/22 09:20	09/29/22 16:55
92628594010	MW-43BR-20220928	Water	09/28/22 10:15	09/29/22 16:55
92628594011	MW-42S-20220928	Water	09/28/22 11:15	09/29/22 16:55
92628594012	MW-42TZ-20220928	Water	09/28/22 11:30	09/29/22 16:55
92628594013	MW-42BR-20220928	Water	09/28/22 12:15	09/29/22 16:55
92628594014	MW-36S-20220928	Water	09/28/22 13:20	09/29/22 16:55
92628594015	MW-36TZ-20220928	Water	09/28/22 13:45	09/29/22 16:55
92628594016	MW-36BR-20220928	Water	09/28/22 14:45	09/29/22 16:55
92628594017	MW-37S-20220928	Water	09/28/22 15:00	09/29/22 16:55
92628594018	MW-37TZ-20220928	Water	09/28/22 16:05	09/29/22 16:55
92628594019	MW-37BC-20220928	Water	09/28/22 16:15	09/29/22 16:55
92628594020	DUP-02-20220928	Water	09/28/22 20:00	09/29/22 16:55
92628594021	EB-01-20220928	Water	09/28/22 16:45	09/29/22 16:55
92628594022	TB-03-20220928	Water	09/28/22 00:00	09/29/22 16:55
92628594023	TB-04-20220928	Water	09/28/22 00:00	09/29/22 16:55

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

SAMPLE ANALYTE COUNT

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92628594001	MW-40BR-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594002	MW-22-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594003	MW-5-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594004	MW-41S-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594005	MW-41TZ-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594006	MW-41BR-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594007	MW-13R-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594008	MW-27-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594009	MW-43TZ-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594010	MW-43BR-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594011	MW-42S-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594012	MW-42TZ-20220928	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594013	MW-42BR-20220928	EPA 8270E	PKS	67	PASI-C

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

SAMPLE ANALYTE COUNT

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594014	**MW-36S-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92628594015	**MW-36TZ-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92628594016	**MW-36BR-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594017	**MW-37S-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594018	**MW-37TZ-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594019	**MW-37BC-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92628594020	**DUP-02-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594021	**EB-01-20220928**	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628594022	**TB-03-20220928**	EPA 8260D	LMB	62	PASI-C
92628594023	**TB-04-20220928**	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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

SUMMARY OF DETECTION

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628594008	**MW-27-20220928**					
EPA 8260D	Methyl-tert-butyl ether	0.74J	ug/L	1.0	10/02/22 05:17	
92628594010	**MW-43BR-20220928**					
EPA 8270E	Phenol	2.5J	ug/L	8.3	10/05/22 15:25	
EPA 8260D	Ethylbenzene	0.36J	ug/L	1.0	10/02/22 05:54	
EPA 8260D	Naphthalene	3.1	ug/L	1.0	10/02/22 05:54	
92628594011	**MW-42S-20220928**					
EPA 8260D	Chloroform	1.3	ug/L	1.0	10/02/22 06:12	
92628594012	**MW-42TZ-20220928**					
EPA 8260D	Chloroform	1.7	ug/L	1.0	10/02/22 06:30	
92628594014	**MW-36S-20220928**					
EPA 8270E	Acenaphthene	11.4	ug/L	8.3	10/05/22 17:08	
EPA 8270E	Acenaphthylene	3.3J	ug/L	8.3	10/05/22 17:08	
EPA 8270E	Dibenzofuran	6.6J	ug/L	8.3	10/05/22 17:08	
EPA 8270E	Fluorene	3.9J	ug/L	8.3	10/05/22 17:08	
EPA 8270E	1-Methylnaphthalene	19.0	ug/L	8.3	10/05/22 17:08	
EPA 8270E	2-Methylnaphthalene	3.2J	ug/L	8.3	10/05/22 17:08	
EPA 8270E	Phenanthrene	5.5J	ug/L	8.3	10/05/22 17:08	
EPA 8260D	Benzene	5.8	ug/L	2.0	10/04/22 05:56	
EPA 8260D	Ethylbenzene	22.6	ug/L	2.0	10/04/22 05:56	
EPA 8260D	Naphthalene	200	ug/L	2.0	10/04/22 05:56	
EPA 8260D	Styrene	0.63J	ug/L	2.0	10/04/22 05:56	
EPA 8260D	Toluene	6.8	ug/L	2.0	10/04/22 05:56	
EPA 8260D	Xylene (Total)	32.8	ug/L	2.0	10/04/22 05:56	
EPA 8260D	m&p-Xylene	19.2	ug/L	4.0	10/04/22 05:56	
EPA 8260D	o-Xylene	13.6	ug/L	2.0	10/04/22 05:56	
92628594015	**MW-36TZ-20220928**					
EPA 8260D	Chloroform	1.1	ug/L	1.0	10/04/22 04:04	
92628594017	**MW-37S-20220928**					
EPA 8270E	2-Methylnaphthalene	1.7J	ug/L	8.3	10/05/22 18:25	
EPA 8260D	Chloroform	0.78J	ug/L	1.0	10/02/22 07:44	
EPA 8260D	Methyl-tert-butyl ether	1.6	ug/L	1.0	10/02/22 07:44	
92628594018	**MW-37TZ-20220928**					
EPA 8260D	Methyl-tert-butyl ether	1.5	ug/L	1.0	10/02/22 08:02	
92628594020	**DUP-02-20220928**					
EPA 8270E	Acenaphthene	9.7	ug/L	8.3	10/05/22 19:41	
EPA 8270E	Acenaphthylene	2.7J	ug/L	8.3	10/05/22 19:41	
EPA 8270E	Dibenzofuran	5.5J	ug/L	8.3	10/05/22 19:41	
EPA 8270E	Fluorene	3.3J	ug/L	8.3	10/05/22 19:41	
EPA 8270E	1-Methylnaphthalene	16.7	ug/L	8.3	10/05/22 19:41	
EPA 8270E	2-Methylnaphthalene	2.7J	ug/L	8.3	10/05/22 19:41	
EPA 8270E	Phenanthrene	4.7J	ug/L	8.3	10/05/22 19:41	
EPA 8260D	Benzene	6.4	ug/L	1.0	10/03/22 01:31	

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

SUMMARY OF DETECTION

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628594020	**DUP-02-20220928**					
EPA 8260D	Ethylbenzene	23.2	ug/L	1.0	10/03/22 01:31	
EPA 8260D	Naphthalene	187	ug/L	1.0	10/03/22 01:31	
EPA 8260D	Styrene	0.72J	ug/L	1.0	10/03/22 01:31	
EPA 8260D	Toluene	7.0	ug/L	1.0	10/03/22 01:31	
EPA 8260D	Xylene (Total)	32.8	ug/L	1.0	10/03/22 01:31	
EPA 8260D	m&p-Xylene	19.6	ug/L	2.0	10/03/22 01:31	
EPA 8260D	o-Xylene	13.2	ug/L	1.0	10/03/22 01:31	
92628594022	**TB-03-20220928**					
EPA 8260D	Acetone	41.9	ug/L	25.0	10/02/22 21:18	
EPA 8260D	Methylene Chloride	4.4J	ug/L	5.0	10/02/22 21:18	
92628594023	**TB-04-20220928**					
EPA 8260D	Acetone	46.2	ug/L	25.0	10/04/22 03:08	
EPA 8260D	Methylene Chloride	3.8J	ug/L	5.0	10/04/22 03:08	C9

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 J22100156
Pace Project No.: 92628594

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 07, 2022

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

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

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

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

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

QC Batch: 727694

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3789343)
  - 4-Nitrophenol
- MSD (Lab ID: 3789344)
  - 4-Nitrophenol
- MW-22-20220928 (Lab ID: 92628594002)
  - 2,4-Dinitrophenol
- MW-40BR-20220928 (Lab ID: 92628594001)
  - 2,4-Dinitrophenol
- MW-41BR-20220928 (Lab ID: 92628594006)
  - 2,4-Dinitrophenol
- MW-41S-20220928 (Lab ID: 92628594004)
  - 2,4-Dinitrophenol
- MW-41TZ-20220928 (Lab ID: 92628594005)
  - 2,4-Dinitrophenol
- MW-5-20220928 (Lab ID: 92628594003)
  - 2,4-Dinitrophenol

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

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

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

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 J22100156
Pace Project No.: 92628594

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 07, 2022

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

QC Batch: 727696

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: 3789358)
  - Indeno(1,2,3-cd)pyrene

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

QC Batch: 727694

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628850001

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

- MS (Lab ID: 3789343)
  - 2,4-Dimethylphenol
  - 2,4-Dinitrotoluene
  - 2,6-Dinitrotoluene
  - 2-Nitroaniline
  - 3-Nitroaniline
  - 4-Nitroaniline
  - Benzo(g,h,i)perylene
  - Di-n-butylphthalate
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene

R1: RPD value was outside control limits.

- MSD (Lab ID: 3789344)
  - 1-Methylnaphthalene
  - 2,2'-Oxybis(1-chloropropane)
  - 2,4,5-Trichlorophenol
  - 2,4-Dichlorophenol
  - 2-Chlorophenol
  - 2-Methylnaphthalene
  - 2-Nitrophenol
  - 4,6-Dinitro-2-methylphenol
  - Hexachlorocyclopentadiene
  - Nitrobenzene
  - Pentachlorophenol
  - bis(2-Chloroethyl) ether

QC Batch: 727696

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628594007

R1: RPD value was outside control limits.

- MSD (Lab ID: 3789360)
  - 2,4-Dinitrophenol

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 07, 2022

QC Batch: 727696

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628594007

R1: RPD value was outside control limits.

- Hexachloroethane

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 07, 2022

General Information:
21 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: 727406

S0: Surrogate recovery outside laboratory control limits.

- MW-5-20220928 (Lab ID: 92628594003)
  - Terphenyl-d14 (S)

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

General Information:
23 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: 727432

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

- MS (Lab ID: 3788054)
  - Chloroethane
- MSD (Lab ID: 3788055)
  - Chloroethane

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

QC Batch: 727324

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- DUP (Lab ID: 3787761)
  - 1,2,3-Trichlorobenzene
  - Naphthalene
- MS (Lab ID: 3787762)
  - 1,2,3-Trichlorobenzene
  - Naphthalene
- MW-40BR-20220928 (Lab ID: 92628594001)
  - 1,2,3-Trichlorobenzene
  - Naphthalene

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- DUP (Lab ID: 3787761)
  - Bromomethane

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

- MS (Lab ID: 3787762)
  - Bromomethane
- MW-40BR-20220928 (Lab ID: 92628594001)
  - Bromomethane

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

QC Batch: 727358

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: 3787843)
  - Bromomethane
- DUP-02-20220928 (Lab ID: 92628594020)
  - Bromomethane

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

- LCS (Lab ID: 3787844)
  - Bromomethane
- MS (Lab ID: 3787845)
  - Bromomethane
  - Chloromethane
- MS (Lab ID: 3788964)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3787846)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3788965)
  - Bromomethane
  - Chloromethane

QC Batch: 727359

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: 3787847)
  - Bromomethane
  - Chloroethane
- EB-01-20220928 (Lab ID: 92628594021)
  - Bromomethane
  - Chloroethane
- TB-03-20220928 (Lab ID: 92628594022)
  - Bromomethane
  - Chloroethane

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

- LCS (Lab ID: 3787848)
  - Bromomethane
  - Chloroethane
- MS (Lab ID: 3787849)
  - Bromomethane
- MSD (Lab ID: 3787850)
  - Bromomethane

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

QC Batch: 727432

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3788054)
  - Chloroethane
- MSD (Lab ID: 3788055)
  - Chloroethane

QC Batch: 727773

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: 3790043)
  - Bromomethane
- MSD (Lab ID: 3790044)
  - Bromomethane

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

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

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 727432

C0: Result confirmed by second analysis.

- TB-04-20220928 (Lab ID: 92628594023)
  - 4-Bromofluorobenzene (S)

C9: Common Laboratory Contaminant.

- TB-04-20220928 (Lab ID: 92628594023)
  - Methylene Chloride

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PROJECT NARRATIVE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 07, 2022

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

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-40BR-20220928 **Lab ID: 92628594001** Collected: 09/28/22 09:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 10:11	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 10:11	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 10:11	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/04/22 19:00	10/05/22 10:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/04/22 19:00	10/05/22 10:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/04/22 19:00	10/05/22 10:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/04/22 19:00	10/05/22 10:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/04/22 19:00	10/05/22 10:11	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/04/22 19:00	10/05/22 10:11	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/04/22 19:00	10/05/22 10:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 10:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/04/22 19:00	10/05/22 10:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/04/22 19:00	10/05/22 10:11	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/04/22 19:00	10/05/22 10:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 10:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 10:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 10:11	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/04/22 19:00	10/05/22 10:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 10:11	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/04/22 19:00	10/05/22 10:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/04/22 19:00	10/05/22 10:11	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 10:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/04/22 19:00	10/05/22 10:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 10:11	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 10:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 10:11	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 10:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 10:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/04/22 19:00	10/05/22 10:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/04/22 19:00	10/05/22 10:11	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 10:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 10:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/04/22 19:00	10/05/22 10:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/04/22 19:00	10/05/22 10:11	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 10:11	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 10:11	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 10:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/04/22 19:00	10/05/22 10:11	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 10:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/04/22 19:00	10/05/22 10:11	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 10:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 10:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 10:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 10:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/04/22 19:00	10/05/22 10:11	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-40BR-20220928 **Lab ID: 92628594001** Collected: 09/28/22 09:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/04/22 19:00	10/05/22 10:11	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/04/22 19:00	10/05/22 10:11	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/04/22 19:00	10/05/22 10:11	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 10:11	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 10:11	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/04/22 19:00	10/05/22 10:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 10:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/04/22 19:00	10/05/22 10:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/04/22 19:00	10/05/22 10:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/04/22 19:00	10/05/22 10:11	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/04/22 19:00	10/05/22 10:11	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 10:11	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/04/22 19:00	10/05/22 10:11	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 10:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 10:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/04/22 19:00	10/05/22 10:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	10-144		1	10/04/22 19:00	10/05/22 10:11	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-130		1	10/04/22 19:00	10/05/22 10:11	321-60-8	
Terphenyl-d14 (S)	98	%	34-163		1	10/04/22 19:00	10/05/22 10:11	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	10/04/22 19:00	10/05/22 10:11	13127-88-3	
2-Fluorophenol (S)	31	%	10-130		1	10/04/22 19:00	10/05/22 10:11	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	10/04/22 19:00	10/05/22 10:11	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 11:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	111	%	69-194		1	10/03/22 14:20	10/05/22 11:00	4165-60-0	
2-Fluorobiphenyl (S)	74	%	61-194		1	10/03/22 14:20	10/05/22 11:00	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	10/03/22 14:20	10/05/22 11:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 02:32	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 02:32	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 02:32	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 02:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 02:32	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 02:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 02:32	74-83-9	v3
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 02:32	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 02:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 02:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 02:32	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-40BR-20220928 **Lab ID: 92628594001** Collected: 09/28/22 09:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 02:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 02:32	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 02:32	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 02:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 02:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 02:32	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 02:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 02:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 02:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 02:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 02:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 02:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 02:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 02:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 02:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 02:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 02:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 02:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 02:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 02:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 02:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 02:32	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 02:32	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 02:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 02:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 02:32	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 02:32	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 02:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 02:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 02:32	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 02:32	91-20-3	v1
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 02:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 02:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 02:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 02:32	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 02:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 02:32	87-61-6	v1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 02:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 02:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 02:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 02:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 02:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 02:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 02:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 02:32	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-40BR-20220928 **Lab ID: 92628594001** Collected: 09/28/22 09:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 02:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 02:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 02:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/02/22 02:32	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/02/22 02:32	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/02/22 02:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-22-20220928 **Lab ID: 92628594002** Collected: 09/28/22 09:32 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	10/04/22 19:00	10/05/22 10:36	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 10:36	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 10:36	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/04/22 19:00	10/05/22 10:36	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/04/22 19:00	10/05/22 10:36	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/04/22 19:00	10/05/22 10:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/04/22 19:00	10/05/22 10:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/04/22 19:00	10/05/22 10:36	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/04/22 19:00	10/05/22 10:36	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/04/22 19:00	10/05/22 10:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/04/22 19:00	10/05/22 10:36	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/04/22 19:00	10/05/22 10:36	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/04/22 19:00	10/05/22 10:36	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/04/22 19:00	10/05/22 10:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/04/22 19:00	10/05/22 10:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 10:36	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 10:36	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 10:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 10:36	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/04/22 19:00	10/05/22 10:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/04/22 19:00	10/05/22 10:36	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 10:36	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/04/22 19:00	10/05/22 10:36	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 10:36	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 10:36	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 10:36	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 10:36	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 10:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/04/22 19:00	10/05/22 10:36	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/04/22 19:00	10/05/22 10:36	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 10:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 10:36	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/04/22 19:00	10/05/22 10:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/04/22 19:00	10/05/22 10:36	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 10:36	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 10:36	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 10:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 10:36	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 10:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/04/22 19:00	10/05/22 10:36	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 10:36	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 10:36	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 10:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 10:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 10:36	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-22-20220928 **Lab ID: 92628594002** Collected: 09/28/22 09:32 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	10/04/22 19:00	10/05/22 10:36	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/04/22 19:00	10/05/22 10:36	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/04/22 19:00	10/05/22 10:36	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 10:36	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 10:36	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/04/22 19:00	10/05/22 10:36	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 10:36	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/04/22 19:00	10/05/22 10:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/04/22 19:00	10/05/22 10:36	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 10:36	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/04/22 19:00	10/05/22 10:36	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 10:36	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 10:36	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 10:36	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 10:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 10:36	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	38	%	10-144		1	10/04/22 19:00	10/05/22 10:36	4165-60-0	
2-Fluorobiphenyl (S)	35	%	10-130		1	10/04/22 19:00	10/05/22 10:36	321-60-8	
Terphenyl-d14 (S)	106	%	34-163		1	10/04/22 19:00	10/05/22 10:36	1718-51-0	
Phenol-d6 (S)	28	%	10-130		1	10/04/22 19:00	10/05/22 10:36	13127-88-3	
2-Fluorophenol (S)	29	%	10-130		1	10/04/22 19:00	10/05/22 10:36	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	10/04/22 19:00	10/05/22 10:36	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 12:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/03/22 14:20	10/05/22 12:06	4165-60-0	
2-Fluorobiphenyl (S)	85	%	61-194		1	10/03/22 14:20	10/05/22 12:06	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/03/22 14:20	10/05/22 12:06	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		10/02/22 04:40	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 04:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 04:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 04:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 04:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 04:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 04:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 04:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 04:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 04:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 04:40	75-00-3	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-22-20220928 **Lab ID: 92628594002** Collected: 09/28/22 09:32 Received: 09/29/22 16:55 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-22-20220928 **Lab ID: 92628594002** Collected: 09/28/22 09:32 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 04:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 04:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 04:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/22 04:40	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		10/02/22 04:40	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 04:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-5-20220928 **Lab ID: 92628594003** Collected: 09/28/22 10:40 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	10/04/22 19:00	10/05/22 11:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/04/22 19:00	10/05/22 11:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/04/22 19:00	10/05/22 11:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/04/22 19:00	10/05/22 11:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/04/22 19:00	10/05/22 11:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/04/22 19:00	10/05/22 11:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/04/22 19:00	10/05/22 11:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/04/22 19:00	10/05/22 11:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/04/22 19:00	10/05/22 11:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/04/22 19:00	10/05/22 11:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/04/22 19:00	10/05/22 11:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/04/22 19:00	10/05/22 11:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/04/22 19:00	10/05/22 11:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 11:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/04/22 19:00	10/05/22 11:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/04/22 19:00	10/05/22 11:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 11:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/04/22 19:00	10/05/22 11:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 11:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/04/22 19:00	10/05/22 11:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/04/22 19:00	10/05/22 11:01	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/04/22 19:00	10/05/22 11:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/04/22 19:00	10/05/22 11:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 11:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/04/22 19:00	10/05/22 11:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 11:01	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-5-20220928 **Lab ID: 92628594003** Collected: 09/28/22 10:40 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	10/04/22 19:00	10/05/22 11:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/04/22 19:00	10/05/22 11:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/04/22 19:00	10/05/22 11:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/04/22 19:00	10/05/22 11:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/04/22 19:00	10/05/22 11:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/04/22 19:00	10/05/22 11:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 11:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/04/22 19:00	10/05/22 11:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-144		1	10/04/22 19:00	10/05/22 11:01	4165-60-0	
2-Fluorobiphenyl (S)	38	%	10-130		1	10/04/22 19:00	10/05/22 11:01	321-60-8	
Terphenyl-d14 (S)	87	%	34-163		1	10/04/22 19:00	10/05/22 11:01	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	10/04/22 19:00	10/05/22 11:01	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	10/04/22 19:00	10/05/22 11:01	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	10/04/22 19:00	10/05/22 11:01	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 12:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	69-194		1	10/03/22 14:20	10/05/22 12:27	4165-60-0	
2-Fluorobiphenyl (S)	84	%	61-194		1	10/03/22 14:20	10/05/22 12:27	321-60-8	
Terphenyl-d14 (S)	53	%	69-180		1	10/03/22 14:20	10/05/22 12:27	1718-51-0	S0
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 02:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 02:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 02:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 02:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 02:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 02:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 02:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 02:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 02:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 02:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 02:50	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-5-20220928 **Lab ID: 92628594003** Collected: 09/28/22 10:40 Received: 09/29/22 16:55 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-5-20220928 **Lab ID: 92628594003** Collected: 09/28/22 10:40 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 02:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 02:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 02:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/22 02:50	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		10/02/22 02:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/02/22 02:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41S-20220928 **Lab ID: 92628594004** Collected: 09/28/22 11:59 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 11:26	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 11:26	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 11:26	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/04/22 19:00	10/05/22 11:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/04/22 19:00	10/05/22 11:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/04/22 19:00	10/05/22 11:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/04/22 19:00	10/05/22 11:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/04/22 19:00	10/05/22 11:26	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/04/22 19:00	10/05/22 11:26	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/04/22 19:00	10/05/22 11:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 11:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/04/22 19:00	10/05/22 11:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/04/22 19:00	10/05/22 11:26	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/04/22 19:00	10/05/22 11:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 11:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 11:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 11:26	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/04/22 19:00	10/05/22 11:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 11:26	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/04/22 19:00	10/05/22 11:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/04/22 19:00	10/05/22 11:26	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 11:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/04/22 19:00	10/05/22 11:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 11:26	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 11:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 11:26	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 11:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 11:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/04/22 19:00	10/05/22 11:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/04/22 19:00	10/05/22 11:26	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 11:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 11:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/04/22 19:00	10/05/22 11:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/04/22 19:00	10/05/22 11:26	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 11:26	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 11:26	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 11:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/04/22 19:00	10/05/22 11:26	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 11:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/04/22 19:00	10/05/22 11:26	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 11:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 11:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 11:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 11:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/04/22 19:00	10/05/22 11:26	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 J22100156
Pace Project No.: 92628594

Sample: MW-41S-20220928 **Lab ID: 92628594004** Collected: 09/28/22 11:59 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/04/22 19:00	10/05/22 11:26	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/04/22 19:00	10/05/22 11:26	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/04/22 19:00	10/05/22 11:26	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 11:26	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 11:26	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/04/22 19:00	10/05/22 11:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 11:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/04/22 19:00	10/05/22 11:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/04/22 19:00	10/05/22 11:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/04/22 19:00	10/05/22 11:26	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/04/22 19:00	10/05/22 11:26	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 11:26	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/04/22 19:00	10/05/22 11:26	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 11:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 11:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/04/22 19:00	10/05/22 11:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-144		1	10/04/22 19:00	10/05/22 11:26	4165-60-0	
2-Fluorobiphenyl (S)	46	%	10-130		1	10/04/22 19:00	10/05/22 11:26	321-60-8	
Terphenyl-d14 (S)	90	%	34-163		1	10/04/22 19:00	10/05/22 11:26	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	10/04/22 19:00	10/05/22 11:26	13127-88-3	
2-Fluorophenol (S)	37	%	10-130		1	10/04/22 19:00	10/05/22 11:26	367-12-4	
2,4,6-Tribromophenol (S)	74	%	10-144		1	10/04/22 19:00	10/05/22 11:26	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	10/03/22 14:20	10/05/22 12:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	101	%	69-194		1	10/03/22 14:20	10/05/22 12:49	4165-60-0	
2-Fluorobiphenyl (S)	89	%	61-194		1	10/03/22 14:20	10/05/22 12:49	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	10/03/22 14:20	10/05/22 12:49	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 04:59	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 04:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 04:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 04:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 04:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 04:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 04:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 04:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 04:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 04:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 04:59	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41S-20220928 **Lab ID: 92628594004** Collected: 09/28/22 11:59 Received: 09/29/22 16:55 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41S-20220928 **Lab ID: 92628594004** Collected: 09/28/22 11:59 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 04:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 04:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 04:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 04:59	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		10/02/22 04:59	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 04:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41TZ-20220928 **Lab ID: 92628594005** Collected: 09/28/22 12:10 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	10/04/22 19:00	10/05/22 11:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/04/22 19:00	10/05/22 11:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/04/22 19:00	10/05/22 11:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/04/22 19:00	10/05/22 11:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/04/22 19:00	10/05/22 11:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/04/22 19:00	10/05/22 11:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/04/22 19:00	10/05/22 11:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/04/22 19:00	10/05/22 11:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/04/22 19:00	10/05/22 11:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/04/22 19:00	10/05/22 11:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/04/22 19:00	10/05/22 11:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/04/22 19:00	10/05/22 11:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/04/22 19:00	10/05/22 11:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 11:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/04/22 19:00	10/05/22 11:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/04/22 19:00	10/05/22 11:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 11:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/04/22 19:00	10/05/22 11:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 11:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/04/22 19:00	10/05/22 11:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/04/22 19:00	10/05/22 11:52	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/04/22 19:00	10/05/22 11:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/04/22 19:00	10/05/22 11:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/04/22 19:00	10/05/22 11:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/04/22 19:00	10/05/22 11:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/04/22 19:00	10/05/22 11:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 11:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41TZ-20220928 **Lab ID: 92628594005** Collected: 09/28/22 12:10 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	10/04/22 19:00	10/05/22 11:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/04/22 19:00	10/05/22 11:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/04/22 19:00	10/05/22 11:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/04/22 19:00	10/05/22 11:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/04/22 19:00	10/05/22 11:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/04/22 19:00	10/05/22 11:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/04/22 19:00	10/05/22 11:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/04/22 19:00	10/05/22 11:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/04/22 19:00	10/05/22 11:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/04/22 19:00	10/05/22 11:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/04/22 19:00	10/05/22 11:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/04/22 19:00	10/05/22 11:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/04/22 19:00	10/05/22 11:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	46	%	10-144		1	10/04/22 19:00	10/05/22 11:52	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-130		1	10/04/22 19:00	10/05/22 11:52	321-60-8	
Terphenyl-d14 (S)	119	%	34-163		1	10/04/22 19:00	10/05/22 11:52	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	10/04/22 19:00	10/05/22 11:52	13127-88-3	
2-Fluorophenol (S)	40	%	10-130		1	10/04/22 19:00	10/05/22 11:52	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	10/04/22 19:00	10/05/22 11:52	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	10/03/22 14:20	10/05/22 13:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	69-194		1	10/03/22 14:20	10/05/22 13:11	4165-60-0	
2-Fluorobiphenyl (S)	87	%	61-194		1	10/03/22 14:20	10/05/22 13:11	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/03/22 14:20	10/05/22 13:11	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 03:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 03:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 03:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 03:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 03:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 03:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 03:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 03:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 03:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 03:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 03:09	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41TZ-20220928 **Lab ID: 92628594005** Collected: 09/28/22 12:10 Received: 09/29/22 16:55 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41TZ-20220928 **Lab ID: 92628594005** Collected: 09/28/22 12:10 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 03:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 03:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 03:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 03:09	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		10/02/22 03:09	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/02/22 03:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41BR-20220928 **Lab ID: 92628594006** Collected: 09/28/22 13:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 12:17	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 12:17	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 12:17	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/04/22 19:00	10/05/22 12:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/04/22 19:00	10/05/22 12:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/04/22 19:00	10/05/22 12:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/04/22 19:00	10/05/22 12:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/04/22 19:00	10/05/22 12:17	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/04/22 19:00	10/05/22 12:17	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/04/22 19:00	10/05/22 12:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 12:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/04/22 19:00	10/05/22 12:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/04/22 19:00	10/05/22 12:17	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/04/22 19:00	10/05/22 12:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 12:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 12:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 12:17	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/04/22 19:00	10/05/22 12:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 12:17	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/04/22 19:00	10/05/22 12:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/04/22 19:00	10/05/22 12:17	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 12:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/04/22 19:00	10/05/22 12:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 12:17	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 12:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 12:17	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 12:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 12:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/04/22 19:00	10/05/22 12:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/04/22 19:00	10/05/22 12:17	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 12:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/04/22 19:00	10/05/22 12:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/04/22 19:00	10/05/22 12:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/04/22 19:00	10/05/22 12:17	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 12:17	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/04/22 19:00	10/05/22 12:17	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 12:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/04/22 19:00	10/05/22 12:17	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 12:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/04/22 19:00	10/05/22 12:17	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/04/22 19:00	10/05/22 12:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 12:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 12:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 12:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/04/22 19:00	10/05/22 12:17	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 J22100156
Pace Project No.: 92628594

Sample: MW-41BR-20220928 **Lab ID: 92628594006** Collected: 09/28/22 13:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/04/22 19:00	10/05/22 12:17	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/04/22 19:00	10/05/22 12:17	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/04/22 19:00	10/05/22 12:17	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 12:17	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 12:17	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/04/22 19:00	10/05/22 12:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/04/22 19:00	10/05/22 12:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/04/22 19:00	10/05/22 12:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/04/22 19:00	10/05/22 12:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/04/22 19:00	10/05/22 12:17	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/04/22 19:00	10/05/22 12:17	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/04/22 19:00	10/05/22 12:17	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/04/22 19:00	10/05/22 12:17	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/04/22 19:00	10/05/22 12:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 19:00	10/05/22 12:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/04/22 19:00	10/05/22 12:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	41	%	10-144		1	10/04/22 19:00	10/05/22 12:17	4165-60-0	
2-Fluorobiphenyl (S)	35	%	10-130		1	10/04/22 19:00	10/05/22 12:17	321-60-8	
Terphenyl-d14 (S)	111	%	34-163		1	10/04/22 19:00	10/05/22 12:17	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/04/22 19:00	10/05/22 12:17	13127-88-3	
2-Fluorophenol (S)	34	%	10-130		1	10/04/22 19:00	10/05/22 12:17	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-144		1	10/04/22 19:00	10/05/22 12:17	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	10/03/22 14:20	10/05/22 13:33	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	69-194		1	10/03/22 14:20	10/05/22 13:33	4165-60-0	
2-Fluorobiphenyl (S)	74	%	61-194		1	10/03/22 14:20	10/05/22 13:33	321-60-8	
Terphenyl-d14 (S)	87	%	69-180		1	10/03/22 14:20	10/05/22 13:33	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 03:27	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 03:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 03:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 03:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 03:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 03:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 03:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 03:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 03:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 03:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 03:27	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41BR-20220928 **Lab ID: 92628594006** Collected: 09/28/22 13:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 03:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 03:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 03:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 03:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 03:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 03:27	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 03:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 03:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 03:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 03:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 03:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 03:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 03:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 03:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 03:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 03:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 03:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 03:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 03:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 03:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 03:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 03:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 03:27	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 03:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 03:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 03:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 03:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 03:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 03:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 03:27	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 03:27	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 03:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 03:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 03:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 03:27	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 03:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 03:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 03:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 03:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 03:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 03:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 03:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 03:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 03:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 03:27	75-01-4	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-41BR-20220928 **Lab ID: 92628594006** Collected: 09/28/22 13:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 03:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 03:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 03:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/02/22 03:27	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		10/02/22 03:27	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/22 03:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-13R-20220928 **Lab ID: 92628594007** Collected: 09/28/22 15:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 12:01	10/04/22 19:25	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 12:01	10/04/22 19:25	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 12:01	10/04/22 19:25	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 12:01	10/04/22 19:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 12:01	10/04/22 19:25	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 12:01	10/04/22 19:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 12:01	10/04/22 19:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 12:01	10/04/22 19:25	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 12:01	10/04/22 19:25	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 12:01	10/04/22 19:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 12:01	10/04/22 19:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 12:01	10/04/22 19:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 12:01	10/04/22 19:25	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 12:01	10/04/22 19:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 12:01	10/04/22 19:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 12:01	10/04/22 19:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 12:01	10/04/22 19:25	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 12:01	10/04/22 19:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 12:01	10/04/22 19:25	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 12:01	10/04/22 19:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 12:01	10/04/22 19:25	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 12:01	10/04/22 19:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 12:01	10/04/22 19:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 12:01	10/04/22 19:25	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 12:01	10/04/22 19:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 12:01	10/04/22 19:25	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 12:01	10/04/22 19:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 12:01	10/04/22 19:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 12:01	10/04/22 19:25	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 12:01	10/04/22 19:25	51-28-5	R1
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 12:01	10/04/22 19:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 12:01	10/04/22 19:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 12:01	10/04/22 19:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 12:01	10/04/22 19:25	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 12:01	10/04/22 19:25	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 12:01	10/04/22 19:25	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 12:01	10/04/22 19:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 12:01	10/04/22 19:25	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 12:01	10/04/22 19:25	67-72-1	R1
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 12:01	10/04/22 19:25	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 12:01	10/04/22 19:25	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 12:01	10/04/22 19:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 12:01	10/04/22 19:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 12:01	10/04/22 19:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 12:01	10/04/22 19:25	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-13R-20220928 **Lab ID: 92628594007** Collected: 09/28/22 15:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 12:01	10/04/22 19:25	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 12:01	10/04/22 19:25	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 12:01	10/04/22 19:25	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 12:01	10/04/22 19:25	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 12:01	10/04/22 19:25	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 12:01	10/04/22 19:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 12:01	10/04/22 19:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 12:01	10/04/22 19:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 12:01	10/04/22 19:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 12:01	10/04/22 19:25	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 12:01	10/04/22 19:25	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 12:01	10/04/22 19:25	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 12:01	10/04/22 19:25	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 12:01	10/04/22 19:25	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 12:01	10/04/22 19:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 12:01	10/04/22 19:25	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	10-144		1	10/04/22 12:01	10/04/22 19:25	4165-60-0	
2-Fluorobiphenyl (S)	66	%	10-130		1	10/04/22 12:01	10/04/22 19:25	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	10/04/22 12:01	10/04/22 19:25	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	10/04/22 12:01	10/04/22 19:25	13127-88-3	
2-Fluorophenol (S)	54	%	10-130		1	10/04/22 12:01	10/04/22 19:25	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-144		1	10/04/22 12:01	10/04/22 19:25	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 13:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	89	%	69-194		1	10/03/22 14:20	10/05/22 13:55	4165-60-0	
2-Fluorobiphenyl (S)	77	%	61-194		1	10/03/22 14:20	10/05/22 13:55	321-60-8	
Terphenyl-d14 (S)	77	%	69-180		1	10/03/22 14:20	10/05/22 13:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 03:45	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 03:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 03:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 03:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 03:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 03:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 03:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 03:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 03:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 03:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 03:45	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-13R-20220928 **Lab ID: 92628594007** Collected: 09/28/22 15:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 03:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 03:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 03:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 03:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 03:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 03:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 03:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 03:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 03:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 03:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 03:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 03:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 03:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 03:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 03:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 03:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 03:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 03:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 03:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 03:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 03:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 03:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 03:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 03:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 03:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 03:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 03:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 03:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 03:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 03:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 03:45	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 03:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 03:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 03:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 03:45	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 03:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 03:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 03:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 03:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 03:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 03:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 03:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 03:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 03:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 03:45	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-13R-20220928 **Lab ID: 92628594007** Collected: 09/28/22 15:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 03:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 03:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 03:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/02/22 03:45	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		10/02/22 03:45	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 03:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-27-20220928 **Lab ID: 92628594008** Collected: 09/28/22 15:25 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/04/22 17:12	10/05/22 14:34	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/04/22 17:12	10/05/22 14:34	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/04/22 17:12	10/05/22 14:34	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/04/22 17:12	10/05/22 14:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/04/22 17:12	10/05/22 14:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/04/22 17:12	10/05/22 14:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/04/22 17:12	10/05/22 14:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/04/22 17:12	10/05/22 14:34	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/04/22 17:12	10/05/22 14:34	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/04/22 17:12	10/05/22 14:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/04/22 17:12	10/05/22 14:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/04/22 17:12	10/05/22 14:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/04/22 17:12	10/05/22 14:34	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/04/22 17:12	10/05/22 14:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/04/22 17:12	10/05/22 14:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/04/22 17:12	10/05/22 14:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/04/22 17:12	10/05/22 14:34	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/04/22 17:12	10/05/22 14:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/04/22 17:12	10/05/22 14:34	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/04/22 17:12	10/05/22 14:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/04/22 17:12	10/05/22 14:34	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/04/22 17:12	10/05/22 14:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/04/22 17:12	10/05/22 14:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 17:12	10/05/22 14:34	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 17:12	10/05/22 14:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/04/22 17:12	10/05/22 14:34	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/04/22 17:12	10/05/22 14:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/04/22 17:12	10/05/22 14:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/04/22 17:12	10/05/22 14:34	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/04/22 17:12	10/05/22 14:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/04/22 17:12	10/05/22 14:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/04/22 17:12	10/05/22 14:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/04/22 17:12	10/05/22 14:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/04/22 17:12	10/05/22 14:34	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/04/22 17:12	10/05/22 14:34	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/04/22 17:12	10/05/22 14:34	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/04/22 17:12	10/05/22 14:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/04/22 17:12	10/05/22 14:34	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/04/22 17:12	10/05/22 14:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/04/22 17:12	10/05/22 14:34	193-39-5	L1
Isophorone	ND	ug/L	9.1	1.5	1	10/04/22 17:12	10/05/22 14:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/04/22 17:12	10/05/22 14:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/04/22 17:12	10/05/22 14:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/04/22 17:12	10/05/22 14:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/04/22 17:12	10/05/22 14:34	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-27-20220928 **Lab ID: 92628594008** Collected: 09/28/22 15:25 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/04/22 17:12	10/05/22 14:34	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/04/22 17:12	10/05/22 14:34	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/04/22 17:12	10/05/22 14:34	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/04/22 17:12	10/05/22 14:34	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/04/22 17:12	10/05/22 14:34	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/04/22 17:12	10/05/22 14:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/04/22 17:12	10/05/22 14:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/04/22 17:12	10/05/22 14:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/04/22 17:12	10/05/22 14:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/04/22 17:12	10/05/22 14:34	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/04/22 17:12	10/05/22 14:34	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/04/22 17:12	10/05/22 14:34	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/04/22 17:12	10/05/22 14:34	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/04/22 17:12	10/05/22 14:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/04/22 17:12	10/05/22 14:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/04/22 17:12	10/05/22 14:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	10-144		1	10/04/22 17:12	10/05/22 14:34	4165-60-0	
2-Fluorobiphenyl (S)	74	%	10-130		1	10/04/22 17:12	10/05/22 14:34	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	10/04/22 17:12	10/05/22 14:34	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	10/04/22 17:12	10/05/22 14:34	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	10/04/22 17:12	10/05/22 14:34	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/04/22 17:12	10/05/22 14:34	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 14:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	10/03/22 14:20	10/05/22 14:17	4165-60-0	
2-Fluorobiphenyl (S)	82	%	61-194		1	10/03/22 14:20	10/05/22 14:17	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	10/03/22 14:20	10/05/22 14:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 05:17	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 05:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 05:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 05:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 05:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 05:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 05:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 05:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 05:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 05:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 05:17	75-00-3	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-27-20220928 **Lab ID: 92628594008** Collected: 09/28/22 15:25 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 05:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 05:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 05:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 05:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 05:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 05:17	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 05:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 05:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 05:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 05:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 05:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 05:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 05:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 05:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 05:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 05:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 05:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 05:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 05:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 05:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 05:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 05:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 05:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 05:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 05:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 05:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 05:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 05:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 05:17	108-10-1	
Methyl-tert-butyl ether	**0.74J**	ug/L	1.0	0.42	1		10/02/22 05:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 05:17	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 05:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 05:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 05:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 05:17	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 05:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 05:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 05:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 05:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 05:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 05:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 05:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 05:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 05:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 05:17	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 J22100156
Pace Project No.: 92628594

Sample: MW-27-20220928 **Lab ID: 92628594008** Collected: 09/28/22 15:25 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 05:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 05:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 05:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/22 05:17	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		10/02/22 05:17	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 05:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-43TZ-20220928 **Lab ID: 92628594009** Collected: 09/28/22 09:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:00	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:00	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:00	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 15:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 15:00	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 15:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 15:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 15:00	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 15:00	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 15:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 15:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 15:00	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 15:00	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 15:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 15:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:00	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:00	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 15:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:00	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 15:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 15:00	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:00	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 15:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:00	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:00	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 15:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 15:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 15:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 15:00	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:00	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:00	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 15:00	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 15:00	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:00	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 15:00	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-43TZ-20220928 **Lab ID: 92628594009** Collected: 09/28/22 09:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 15:00	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 15:00	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 15:00	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:00	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:00	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 15:00	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:00	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 15:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 15:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 15:00	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 15:00	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:00	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 15:00	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:00	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 15:00	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	79	%	10-144		1	10/04/22 17:12	10/05/22 15:00	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	10/04/22 17:12	10/05/22 15:00	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	10/04/22 17:12	10/05/22 15:00	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	10/04/22 17:12	10/05/22 15:00	13127-88-3	
2-Fluorophenol (S)	61	%	10-130		1	10/04/22 17:12	10/05/22 15:00	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-144		1	10/04/22 17:12	10/05/22 15:00	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 14:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	69-194		1	10/03/22 14:20	10/05/22 14:38	4165-60-0	
2-Fluorobiphenyl (S)	86	%	61-194		1	10/03/22 14:20	10/05/22 14:38	321-60-8	
Terphenyl-d14 (S)	91	%	69-180		1	10/03/22 14:20	10/05/22 14:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 05:35	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 05:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 05:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 05:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 05:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 05:35	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 05:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 05:35	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 05:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 05:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 05:35	75-00-3	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-43TZ-20220928 **Lab ID: 92628594009** Collected: 09/28/22 09:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 05:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 05:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 05:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 05:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 05:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 05:35	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 05:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 05:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 05:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 05:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 05:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 05:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 05:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 05:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 05:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 05:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 05:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 05:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 05:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 05:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 05:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 05:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 05:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 05:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 05:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 05:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 05:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 05:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 05:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 05:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 05:35	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 05:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 05:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 05:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 05:35	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 05:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 05:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 05:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 05:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 05:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 05:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 05:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 05:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 05:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 05:35	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 J22100156
Pace Project No.: 92628594

Sample: MW-43TZ-20220928 **Lab ID: 92628594009** Collected: 09/28/22 09:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 05:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 05:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 05:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/22 05:35	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		10/02/22 05:35	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 05:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-43BR-20220928 **Lab ID: 92628594010** Collected: 09/28/22 10:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:25	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:25	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:25	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 15:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 15:25	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 15:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 15:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 15:25	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 15:25	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 15:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 15:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 15:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 15:25	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 15:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 15:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:25	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 15:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:25	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 15:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 15:25	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 15:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:25	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:25	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 15:25	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 15:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 15:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 15:25	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:25	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:25	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 15:25	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 15:25	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:25	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 15:25	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 J22100156
Pace Project No.: 92628594

Sample: MW-43BR-20220928 **Lab ID: 92628594010** Collected: 09/28/22 10:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 15:25	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 15:25	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 15:25	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:25	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:25	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 15:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 15:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 15:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 15:25	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 15:25	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:25	85-01-8	
Phenol	**2.5J**	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 15:25	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:25	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 15:25	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	41	%	10-144		1	10/04/22 17:12	10/05/22 15:25	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-130		1	10/04/22 17:12	10/05/22 15:25	321-60-8	
Terphenyl-d14 (S)	90	%	34-163		1	10/04/22 17:12	10/05/22 15:25	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	10/04/22 17:12	10/05/22 15:25	13127-88-3	
2-Fluorophenol (S)	33	%	10-130		1	10/04/22 17:12	10/05/22 15:25	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-144		1	10/04/22 17:12	10/05/22 15:25	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/06/22 19:01	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/03/22 14:20	10/06/22 19:01	4165-60-0	
2-Fluorobiphenyl (S)	83	%	61-194		1	10/03/22 14:20	10/06/22 19:01	321-60-8	
Terphenyl-d14 (S)	80	%	69-180		1	10/03/22 14:20	10/06/22 19:01	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 05:54	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 05:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 05:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 05:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 05:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 05:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 05:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 05:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 05:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 05:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 05:54	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-43BR-20220928 **Lab ID: 92628594010** Collected: 09/28/22 10:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 05:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 05:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 05:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 05:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 05:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 05:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 05:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 05:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 05:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 05:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 05:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 05:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 05:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 05:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 05:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 05:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 05:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 05:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 05:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 05:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 05:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 05:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 05:54	108-20-3	
Ethylbenzene	**0.36J**	ug/L	1.0	0.30	1		10/02/22 05:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 05:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 05:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 05:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 05:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 05:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 05:54	1634-04-4	
Naphthalene	**3.1**	ug/L	1.0	0.64	1		10/02/22 05:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 05:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 05:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 05:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 05:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 05:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 05:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 05:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 05:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 05:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 05:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 05:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 05:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 05:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 05:54	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-43BR-20220928 **Lab ID: 92628594010** Collected: 09/28/22 10:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 05:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 05:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 05:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/22 05:54	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		10/02/22 05:54	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		10/02/22 05:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42S-20220928 **Lab ID: 92628594011** Collected: 09/28/22 11:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:51	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:51	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:51	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 15:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 15:51	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 15:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 15:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 15:51	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 15:51	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 15:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 15:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 15:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 15:51	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 15:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 15:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:51	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:51	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 15:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:51	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 15:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 15:51	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 15:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:51	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:51	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 15:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 15:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 15:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 15:51	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:51	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:51	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 15:51	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 15:51	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 15:51	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:51	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 15:51	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42S-20220928 **Lab ID: 92628594011** Collected: 09/28/22 11:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 15:51	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 15:51	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 15:51	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:51	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:51	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 15:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 15:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 15:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 15:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 15:51	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 15:51	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 15:51	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 15:51	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 15:51	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 15:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 15:51	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		1	10/04/22 17:12	10/05/22 15:51	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-130		1	10/04/22 17:12	10/05/22 15:51	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	10/04/22 17:12	10/05/22 15:51	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	10/04/22 17:12	10/05/22 15:51	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	10/04/22 17:12	10/05/22 15:51	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-144		1	10/04/22 17:12	10/05/22 15:51	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 15:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	101	%	69-194		1	10/03/22 14:20	10/05/22 15:00	4165-60-0	
2-Fluorobiphenyl (S)	88	%	61-194		1	10/03/22 14:20	10/05/22 15:00	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	10/03/22 14:20	10/05/22 15:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 06:12	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 06:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 06:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 06:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 06:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 06:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 06:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 06:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 06:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 06:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 06:12	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 J22100156
Pace Project No.: 92628594

Sample: MW-42S-20220928 **Lab ID: 92628594011** Collected: 09/28/22 11:15 Received: 09/29/22 16:55 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42S-20220928 **Lab ID: 92628594011** Collected: 09/28/22 11:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 06:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 06:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 06:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/22 06:12	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		10/02/22 06:12	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 06:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42TZ-20220928 **Lab ID: 92628594012** Collected: 09/28/22 11:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:17	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:17	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:17	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 16:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 16:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 16:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 16:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 16:17	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 16:17	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 16:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 16:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 16:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 16:17	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 16:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 16:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:17	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 16:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:17	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 16:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 16:17	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 16:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:17	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:17	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 16:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 16:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 16:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 16:17	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:17	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:17	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 16:17	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 16:17	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 16:17	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42TZ-20220928 **Lab ID: 92628594012** Collected: 09/28/22 11:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 16:17	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 16:17	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 16:17	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:17	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:17	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 16:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 16:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 16:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 16:17	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 16:17	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:17	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 16:17	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 16:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-144		1	10/04/22 17:12	10/05/22 16:17	4165-60-0	
2-Fluorobiphenyl (S)	55	%	10-130		1	10/04/22 17:12	10/05/22 16:17	321-60-8	
Terphenyl-d14 (S)	109	%	34-163		1	10/04/22 17:12	10/05/22 16:17	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	10/04/22 17:12	10/05/22 16:17	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	10/04/22 17:12	10/05/22 16:17	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-144		1	10/04/22 17:12	10/05/22 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	10/03/22 14:20	10/05/22 15:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/03/22 14:20	10/05/22 15:22	4165-60-0	
2-Fluorobiphenyl (S)	88	%	61-194		1	10/03/22 14:20	10/05/22 15:22	321-60-8	
Terphenyl-d14 (S)	97	%	69-180		1	10/03/22 14:20	10/05/22 15:22	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 06:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 06:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 06:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 06:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 06:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 06:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 06:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 06:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 06:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 06:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 06:30	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 J22100156
Pace Project No.: 92628594

Sample: MW-42TZ-20220928 **Lab ID: 92628594012** Collected: 09/28/22 11:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	**1.7**	ug/L	1.0	0.43	1		10/02/22 06:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 06:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 06:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 06:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 06:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 06:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 06:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 06:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 06:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 06:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 06:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 06:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 06:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 06:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 06:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 06:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 06:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 06:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 06:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 06:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 06:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 06:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 06:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 06:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 06:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 06:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 06:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 06:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 06:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 06:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 06:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 06:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 06:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 06:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 06:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 06:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 06:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 06:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 06:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 06:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 06:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 06:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 06:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 06:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 06:30	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 J22100156
Pace Project No.: 92628594

Sample: MW-42TZ-20220928 **Lab ID: 92628594012** Collected: 09/28/22 11:30 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 06:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 06:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 06:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/02/22 06:30	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		10/02/22 06:30	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 06:30	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 J22100156
Pace Project No.: 92628594

Sample: MW-42BR-20220928 **Lab ID: 92628594013** Collected: 09/28/22 12:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:42	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:42	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:42	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 16:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 16:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 16:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 16:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 16:42	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 16:42	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 16:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 16:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 16:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 16:42	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 16:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 16:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:42	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 16:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:42	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 16:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 16:42	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 16:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:42	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:42	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 16:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 16:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 16:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 16:42	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:42	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:42	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 16:42	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 16:42	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 16:42	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 16:42	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42BR-20220928 **Lab ID: 92628594013** Collected: 09/28/22 12:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 16:42	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 16:42	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 16:42	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:42	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:42	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 16:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 16:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 16:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 16:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 16:42	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 16:42	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 16:42	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 16:42	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 16:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 16:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 16:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	86	%	10-144		1	10/04/22 17:12	10/05/22 16:42	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	10/04/22 17:12	10/05/22 16:42	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	10/04/22 17:12	10/05/22 16:42	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	10/04/22 17:12	10/05/22 16:42	13127-88-3	
2-Fluorophenol (S)	61	%	10-130		1	10/04/22 17:12	10/05/22 16:42	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-144		1	10/04/22 17:12	10/05/22 16:42	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 15:44	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	10/03/22 14:20	10/05/22 15:44	4165-60-0	
2-Fluorobiphenyl (S)	83	%	61-194		1	10/03/22 14:20	10/05/22 15:44	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	10/03/22 14:20	10/05/22 15:44	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 04:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 04:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 04:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 04:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 04:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 04:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 04:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 04:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 04:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 04:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 04:04	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 J22100156
Pace Project No.: 92628594

Sample: MW-42BR-20220928 **Lab ID: 92628594013** Collected: 09/28/22 12:15 Received: 09/29/22 16:55 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-42BR-20220928 **Lab ID: 92628594013** Collected: 09/28/22 12:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 04:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 04:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 04:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 04:04	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		10/02/22 04:04	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/02/22 04:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36S-20220928 **Lab ID: 92628594014** Collected: 09/28/22 13:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	**11.4**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:08	83-32-9	
Acenaphthylene	**3.3J**	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:08	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:08	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 17:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 17:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 17:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 17:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 17:08	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 17:08	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 17:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 17:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 17:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 17:08	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 17:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 17:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:08	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 17:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:08	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 17:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 17:08	53-70-3	
Dibenzofuran	**6.6J**	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 17:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:08	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:08	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 17:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 17:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 17:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 17:08	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:08	206-44-0	
Fluorene	**3.9J**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:08	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 17:08	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 17:08	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:08	78-59-1	
1-Methylnaphthalene	**19.0**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:08	90-12-0	
2-Methylnaphthalene	**3.2J**	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 17:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36S-20220928 **Lab ID: 92628594014** Collected: 09/28/22 13:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 17:08	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 17:08	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 17:08	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:08	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:08	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 17:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 17:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 17:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 17:08	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 17:08	87-86-5	
Phenanthrene	**5.5J**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:08	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 17:08	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 17:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		1	10/04/22 17:12	10/05/22 17:08	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	10/04/22 17:12	10/05/22 17:08	321-60-8	
Terphenyl-d14 (S)	119	%	34-163		1	10/04/22 17:12	10/05/22 17:08	1718-51-0	
Phenol-d6 (S)	44	%	10-130		1	10/04/22 17:12	10/05/22 17:08	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	10/04/22 17:12	10/05/22 17:08	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-144		1	10/04/22 17:12	10/05/22 17:08	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 16:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	69-194		1	10/03/22 14:20	10/05/22 16:05	4165-60-0	
2-Fluorobiphenyl (S)	86	%	61-194		1	10/03/22 14:20	10/05/22 16:05	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/03/22 14:20	10/05/22 16:05	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	50.0	10.2	2		10/04/22 05:56	67-64-1	
Benzene	**5.8**	ug/L	2.0	0.69	2		10/04/22 05:56	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		10/04/22 05:56	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		10/04/22 05:56	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		10/04/22 05:56	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		10/04/22 05:56	75-25-2	
Bromomethane	ND	ug/L	4.0	3.3	2		10/04/22 05:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		10/04/22 05:56	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		10/04/22 05:56	56-23-5	
Chlorobenzene	ND	ug/L	2.0	0.57	2		10/04/22 05:56	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		10/04/22 05:56	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36S-20220928 **Lab ID: 92628594014** Collected: 09/28/22 13:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	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	2.0	0.86	2		10/04/22 05:56	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		10/04/22 05:56	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	0.64	2		10/04/22 05:56	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	0.65	2		10/04/22 05:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2		10/04/22 05:56	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	0.72	2		10/04/22 05:56	124-48-1	
Dibromomethane	ND	ug/L	2.0	0.79	2		10/04/22 05:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2		10/04/22 05:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2		10/04/22 05:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2		10/04/22 05:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2		10/04/22 05:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2		10/04/22 05:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2		10/04/22 05:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2		10/04/22 05:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2		10/04/22 05:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2		10/04/22 05:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2		10/04/22 05:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2		10/04/22 05:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2		10/04/22 05:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2		10/04/22 05:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		10/04/22 05:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		10/04/22 05:56	10061-02-6	
Diisopropyl ether	ND	ug/L	2.0	0.62	2		10/04/22 05:56	108-20-3	
Ethylbenzene	**22.6**	ug/L	2.0	0.61	2		10/04/22 05:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		10/04/22 05:56	87-68-3	
2-Hexanone	ND	ug/L	10.0	0.95	2		10/04/22 05:56	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2		10/04/22 05:56	99-87-6	
Methylene Chloride	ND	ug/L	10.0	3.9	2		10/04/22 05:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2		10/04/22 05:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2		10/04/22 05:56	1634-04-4	
Naphthalene	**200**	ug/L	2.0	1.3	2		10/04/22 05:56	91-20-3	
Styrene	**0.63J**	ug/L	2.0	0.58	2		10/04/22 05:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2		10/04/22 05:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2		10/04/22 05:56	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	0.58	2		10/04/22 05:56	127-18-4	
Toluene	**6.8**	ug/L	2.0	0.97	2		10/04/22 05:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2		10/04/22 05:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2		10/04/22 05:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2		10/04/22 05:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2		10/04/22 05:56	79-00-5	
Trichloroethene	ND	ug/L	2.0	0.77	2		10/04/22 05:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		10/04/22 05:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2		10/04/22 05:56	96-18-4	
Vinyl acetate	ND	ug/L	4.0	2.6	2		10/04/22 05:56	108-05-4	
Vinyl chloride	ND	ug/L	2.0	0.77	2		10/04/22 05:56	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36S-20220928 **Lab ID: 92628594014** Collected: 09/28/22 13:20 Received: 09/29/22 16:55 Matrix: Water

Parameters	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)	**32.8**	ug/L	2.0	0.68	2		10/04/22 05:56	1330-20-7	
m&p-Xylene	**19.2**	ug/L	4.0	1.4	2		10/04/22 05:56	179601-23-1	
o-Xylene	**13.6**	ug/L	2.0	0.68	2		10/04/22 05:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		2		10/04/22 05:56	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		2		10/04/22 05:56	17060-07-0	
Toluene-d8 (S)	99	%	70-130		2		10/04/22 05:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36TZ-20220928 **Lab ID: 92628594015** Collected: 09/28/22 13:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:33	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:33	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:33	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 17:33	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 17:33	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 17:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 17:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 17:33	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 17:33	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 17:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 17:33	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 17:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 17:33	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 17:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 17:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:33	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:33	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 17:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:33	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 17:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 17:33	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:33	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 17:33	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:33	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:33	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:33	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:33	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 17:33	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 17:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:33	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 17:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 17:33	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:33	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:33	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 17:33	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 17:33	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:33	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 17:33	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36TZ-20220928 **Lab ID: 92628594015** Collected: 09/28/22 13:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 17:33	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 17:33	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 17:33	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:33	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:33	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 17:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 17:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 17:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 17:33	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 17:33	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:33	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 17:33	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:33	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 17:33	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-144		1	10/04/22 17:12	10/05/22 17:33	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-130		1	10/04/22 17:12	10/05/22 17:33	321-60-8	
Terphenyl-d14 (S)	119	%	34-163		1	10/04/22 17:12	10/05/22 17:33	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	10/04/22 17:12	10/05/22 17:33	13127-88-3	
2-Fluorophenol (S)	41	%	10-130		1	10/04/22 17:12	10/05/22 17:33	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-144		1	10/04/22 17:12	10/05/22 17:33	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 16:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	10/03/22 14:20	10/05/22 16:27	4165-60-0	
2-Fluorobiphenyl (S)	87	%	61-194		1	10/03/22 14:20	10/05/22 16:27	321-60-8	
Terphenyl-d14 (S)	90	%	69-180		1	10/03/22 14:20	10/05/22 16:27	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		10/04/22 04:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/04/22 04:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/04/22 04:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/04/22 04:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/04/22 04:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/04/22 04:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/04/22 04:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/04/22 04:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/04/22 04:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/04/22 04:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/04/22 04:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36TZ-20220928 **Lab ID: 92628594015** Collected: 09/28/22 13:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	**1.1**	ug/L	1.0	0.43	1		10/04/22 04:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/04/22 04:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/04/22 04:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/04/22 04:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/04/22 04:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/04/22 04:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/04/22 04:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/04/22 04:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/04/22 04:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/04/22 04:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/04/22 04:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/04/22 04:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/04/22 04:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/04/22 04:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/04/22 04:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/04/22 04:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/04/22 04:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/04/22 04:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/04/22 04:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/04/22 04:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/04/22 04:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/04/22 04:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/04/22 04:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/04/22 04:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/04/22 04:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/04/22 04:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/04/22 04:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/04/22 04:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/04/22 04:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/04/22 04:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/04/22 04:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/04/22 04:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/04/22 04:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/04/22 04:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/04/22 04:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/04/22 04:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/04/22 04:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/04/22 04:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/04/22 04:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/04/22 04:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/04/22 04:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/04/22 04:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/04/22 04:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/04/22 04:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/04/22 04:04	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36TZ-20220928 **Lab ID: 92628594015** Collected: 09/28/22 13:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/04/22 04:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/04/22 04:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/04/22 04:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/04/22 04:04	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		10/04/22 04:04	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/04/22 04:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36BR-20220928 **Lab ID: 92628594016** Collected: 09/28/22 14:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:59	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:59	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:59	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 17:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 17:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 17:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 17:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 17:59	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 17:59	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 17:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 17:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 17:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 17:59	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 17:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 17:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:59	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:59	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 17:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:59	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 17:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 17:59	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 17:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:59	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:59	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:59	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 17:59	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 17:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 17:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 17:59	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:59	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:59	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 17:59	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 17:59	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 17:59	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:59	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 17:59	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36BR-20220928 **Lab ID: 92628594016** Collected: 09/28/22 14:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 17:59	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 17:59	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 17:59	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:59	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:59	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 17:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 17:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 17:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 17:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 17:59	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 17:59	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 17:59	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 17:59	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 17:59	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 17:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 17:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	10-144		1	10/04/22 17:12	10/05/22 17:59	4165-60-0	
2-Fluorobiphenyl (S)	46	%	10-130		1	10/04/22 17:12	10/05/22 17:59	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	10/04/22 17:12	10/05/22 17:59	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	10/04/22 17:12	10/05/22 17:59	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	10/04/22 17:12	10/05/22 17:59	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/04/22 17:12	10/05/22 17:59	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 16:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	99	%	69-194		1	10/03/22 14:20	10/05/22 16:49	4165-60-0	
2-Fluorobiphenyl (S)	80	%	61-194		1	10/03/22 14:20	10/05/22 16:49	321-60-8	
Terphenyl-d14 (S)	75	%	69-180		1	10/03/22 14:20	10/05/22 16:49	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 07:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 07:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 07:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 07:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 07:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 07:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 07:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 07:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 07:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 07:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 07:25	75-00-3	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36BR-20220928 **Lab ID: 92628594016** Collected: 09/28/22 14:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 07:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 07:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 07:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 07:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 07:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 07:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 07:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 07:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 07:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 07:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 07:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 07:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 07:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 07:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 07:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 07:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 07:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 07:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 07:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 07:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 07:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 07:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 07:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 07:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 07:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 07:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 07:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 07:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 07:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 07:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 07:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 07:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 07:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 07:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 07:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 07:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 07:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 07:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 07:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 07:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 07:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 07:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 07:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 07:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 07:25	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-36BR-20220928 **Lab ID: 92628594016** Collected: 09/28/22 14:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 07:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 07:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 07:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/22 07:25	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		10/02/22 07:25	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 07:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37S-20220928 **Lab ID: 92628594017** Collected: 09/28/22 15:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:25	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:25	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:25	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 18:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 18:25	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 18:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 18:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 18:25	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 18:25	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 18:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 18:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 18:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 18:25	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 18:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 18:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:25	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 18:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:25	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 18:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 18:25	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 18:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:25	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:25	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 18:25	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 18:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 18:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 18:25	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:25	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:25	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 18:25	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 18:25	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:25	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:25	90-12-0	
2-Methylnaphthalene	**1.7J**	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 18:25	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 J22100156
Pace Project No.: 92628594

Sample: MW-37S-20220928 **Lab ID: 92628594017** Collected: 09/28/22 15:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 18:25	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 18:25	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 18:25	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:25	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:25	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 18:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 18:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 18:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 18:25	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 18:25	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:25	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 18:25	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:25	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 18:25	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	80	%	10-144		1	10/04/22 17:12	10/05/22 18:25	4165-60-0	
2-Fluorobiphenyl (S)	79	%	10-130		1	10/04/22 17:12	10/05/22 18:25	321-60-8	
Terphenyl-d14 (S)	112	%	34-163		1	10/04/22 17:12	10/05/22 18:25	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	10/04/22 17:12	10/05/22 18:25	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	10/04/22 17:12	10/05/22 18:25	367-12-4	
2,4,6-Tribromophenol (S)	100	%	10-144		1	10/04/22 17:12	10/05/22 18:25	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 17:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	10/03/22 14:20	10/05/22 17:11	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/03/22 14:20	10/05/22 17:11	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/03/22 14:20	10/05/22 17:11	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 07:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 07:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 07:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 07:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 07:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 07:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 07:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 07:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 07:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 07:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 07:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37S-20220928 **Lab ID: 92628594017** Collected: 09/28/22 15:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	**0.78J**	ug/L	1.0	0.43	1		10/02/22 07:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 07:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 07:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 07:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 07:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 07:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 07:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 07:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 07:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 07:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 07:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 07:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 07:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 07:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 07:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 07:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 07:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 07:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 07:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 07:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 07:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 07:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 07:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 07:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 07:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 07:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 07:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 07:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 07:44	108-10-1	
Methyl-tert-butyl ether	**1.6**	ug/L	1.0	0.42	1		10/02/22 07:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 07:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 07:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 07:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 07:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 07:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 07:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 07:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 07:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 07:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 07:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 07:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 07:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 07:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 07:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 07:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37S-20220928 **Lab ID: 92628594017** Collected: 09/28/22 15:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 07:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 07:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 07:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/22 07:44	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		10/02/22 07:44	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 07:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37TZ-20220928 **Lab ID: 92628594018** Collected: 09/28/22 16:05 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:50	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:50	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:50	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 18:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 18:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 18:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 18:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 18:50	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 18:50	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 18:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 18:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 18:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 18:50	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 18:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 18:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:50	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 18:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:50	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 18:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 18:50	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 18:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:50	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:50	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 18:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 18:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 18:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 18:50	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:50	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:50	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 18:50	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 18:50	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 18:50	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 18:50	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37TZ-20220928 **Lab ID: 92628594018** Collected: 09/28/22 16:05 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 18:50	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 18:50	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 18:50	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:50	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:50	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 18:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 18:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 18:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 18:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 18:50	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 18:50	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 18:50	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 18:50	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 18:50	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 18:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 18:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	10-144		1	10/04/22 17:12	10/05/22 18:50	4165-60-0	
2-Fluorobiphenyl (S)	35	%	10-130		1	10/04/22 17:12	10/05/22 18:50	321-60-8	
Terphenyl-d14 (S)	120	%	34-163		1	10/04/22 17:12	10/05/22 18:50	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/04/22 17:12	10/05/22 18:50	13127-88-3	
2-Fluorophenol (S)	34	%	10-130		1	10/04/22 17:12	10/05/22 18:50	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-144		1	10/04/22 17:12	10/05/22 18:50	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 17:33	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	101	%	69-194		1	10/03/22 14:20	10/05/22 17:33	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/03/22 14:20	10/05/22 17:33	321-60-8	
Terphenyl-d14 (S)	90	%	69-180		1	10/03/22 14:20	10/05/22 17:33	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 08:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 08:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 08:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 08:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 08:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 08:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 08:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 08:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 08:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 08:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 08:02	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37TZ-20220928 **Lab ID: 92628594018** Collected: 09/28/22 16:05 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 08:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 08:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 08:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 08:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 08:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 08:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 08:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 08:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 08:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 08:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 08:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 08:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 08:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 08:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 08:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 08:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 08:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 08:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 08:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 08:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 08:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 08:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 08:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 08:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 08:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 08:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 08:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 08:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 08:02	108-10-1	
Methyl-tert-butyl ether	**1.5**	ug/L	1.0	0.42	1		10/02/22 08:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 08:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 08:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 08:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 08:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 08:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 08:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 08:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 08:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 08:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 08:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 08:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 08:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 08:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 08:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 08:02	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37TZ-20220928 **Lab ID: 92628594018** Collected: 09/28/22 16:05 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 08:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 08:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 08:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/22 08:02	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		10/02/22 08:02	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 08:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37BC-20220928 **Lab ID: 92628594019** Collected: 09/28/22 16:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:16	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:16	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:16	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 19:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 19:16	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 19:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 19:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 19:16	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 19:16	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 19:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 19:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 19:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 19:16	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 19:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 19:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:16	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 19:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:16	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 19:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 19:16	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:16	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 19:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:16	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:16	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:16	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 19:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 19:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 19:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 19:16	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:16	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:16	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 19:16	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 19:16	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:16	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 19:16	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37BC-20220928 **Lab ID: 92628594019** Collected: 09/28/22 16:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 19:16	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 19:16	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 19:16	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:16	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:16	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 19:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 19:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 19:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 19:16	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 19:16	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:16	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 19:16	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:16	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 19:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	54	%	10-144		1	10/04/22 17:12	10/05/22 19:16	4165-60-0	
2-Fluorobiphenyl (S)	55	%	10-130		1	10/04/22 17:12	10/05/22 19:16	321-60-8	
Terphenyl-d14 (S)	116	%	34-163		1	10/04/22 17:12	10/05/22 19:16	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	10/04/22 17:12	10/05/22 19:16	13127-88-3	
2-Fluorophenol (S)	45	%	10-130		1	10/04/22 17:12	10/05/22 19:16	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-144		1	10/04/22 17:12	10/05/22 19:16	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 17:54	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	69-194		1	10/03/22 14:20	10/05/22 17:54	4165-60-0	
2-Fluorobiphenyl (S)	85	%	61-194		1	10/03/22 14:20	10/05/22 17:54	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	10/03/22 14:20	10/05/22 17:54	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/04/22 23:23	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/04/22 23:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/04/22 23:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/04/22 23:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/04/22 23:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/04/22 23:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/04/22 23:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/04/22 23:23	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/04/22 23:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/04/22 23:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/04/22 23:23	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 J22100156
Pace Project No.: 92628594

Sample: MW-37BC-20220928 **Lab ID: 92628594019** Collected: 09/28/22 16:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/04/22 23:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/04/22 23:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/04/22 23:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/04/22 23:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/04/22 23:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/04/22 23:23	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/04/22 23:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/04/22 23:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/04/22 23:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/04/22 23:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/04/22 23:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/04/22 23:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/04/22 23:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/04/22 23:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/04/22 23:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/04/22 23:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/04/22 23:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/04/22 23:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/04/22 23:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/04/22 23:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/04/22 23:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/04/22 23:23	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/04/22 23:23	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/04/22 23:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/04/22 23:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/04/22 23:23	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/04/22 23:23	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/04/22 23:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/04/22 23:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/04/22 23:23	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/04/22 23:23	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/04/22 23:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/04/22 23:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/04/22 23:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/04/22 23:23	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/04/22 23:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/04/22 23:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/04/22 23:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/04/22 23:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/04/22 23:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/04/22 23:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/04/22 23:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/04/22 23:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/04/22 23:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/04/22 23:23	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: MW-37BC-20220928 **Lab ID: 92628594019** Collected: 09/28/22 16:15 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/04/22 23:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/04/22 23:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/04/22 23:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/04/22 23:23	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		10/04/22 23:23	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/04/22 23:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: DUP-02-20220928 **Lab ID: 92628594020** Collected: 09/28/22 20:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	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	**9.7**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:41	83-32-9	
Acenaphthylene	**2.7J**	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:41	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:41	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 19:41	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 19:41	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 19:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 19:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 19:41	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 19:41	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 19:41	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 19:41	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 19:41	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 19:41	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 19:41	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 19:41	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:41	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:41	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 19:41	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:41	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 19:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 19:41	53-70-3	
Dibenzofuran	**5.5J**	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:41	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 19:41	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:41	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:41	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:41	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:41	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 19:41	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 19:41	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:41	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:41	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 19:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 19:41	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:41	206-44-0	
Fluorene	**3.3J**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:41	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:41	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 19:41	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 19:41	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 19:41	78-59-1	
1-Methylnaphthalene	**16.7**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:41	90-12-0	
2-Methylnaphthalene	**2.7J**	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:41	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 19:41	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: DUP-02-20220928 **Lab ID: 92628594020** Collected: 09/28/22 20:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 19:41	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 19:41	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 19:41	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:41	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:41	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 19:41	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 19:41	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 19:41	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 19:41	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 19:41	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 19:41	87-86-5	
Phenanthrene	**4.7J**	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 19:41	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 19:41	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 19:41	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 19:41	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 19:41	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	38	%	10-144		1	10/04/22 17:12	10/05/22 19:41	4165-60-0	
2-Fluorobiphenyl (S)	41	%	10-130		1	10/04/22 17:12	10/05/22 19:41	321-60-8	
Terphenyl-d14 (S)	103	%	34-163		1	10/04/22 17:12	10/05/22 19:41	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/04/22 17:12	10/05/22 19:41	13127-88-3	
2-Fluorophenol (S)	33	%	10-130		1	10/04/22 17:12	10/05/22 19:41	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/04/22 17:12	10/05/22 19:41	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:20	10/05/22 18:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	80	%	69-194		1	10/03/22 14:20	10/05/22 18:16	4165-60-0	
2-Fluorobiphenyl (S)	82	%	61-194		1	10/03/22 14:20	10/05/22 18:16	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	10/03/22 14:20	10/05/22 18:16	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 01:31	67-64-1	
Benzene	**6.4**	ug/L	1.0	0.34	1		10/03/22 01:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 01:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 01:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 01:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 01:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 01:31	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 01:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 01:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 01:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 01:31	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: DUP-02-20220928 **Lab ID: 92628594020** Collected: 09/28/22 20:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 01:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 01:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 01:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 01:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 01:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 01:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 01:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 01:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 01:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 01:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 01:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 01:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 01:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 01:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 01:31	108-20-3	
Ethylbenzene	**23.2**	ug/L	1.0	0.30	1		10/03/22 01:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 01:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 01:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 01:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 01:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 01:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 01:31	1634-04-4	
Naphthalene	**187**	ug/L	1.0	0.64	1		10/03/22 01:31	91-20-3	
Styrene	**0.72J**	ug/L	1.0	0.29	1		10/03/22 01:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 01:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 01:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 01:31	127-18-4	
Toluene	**7.0**	ug/L	1.0	0.48	1		10/03/22 01:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 01:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 01:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 01:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 01:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 01:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 01:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 01:31	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: DUP-02-20220928 **Lab ID: 92628594020** Collected: 09/28/22 20:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	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)	**32.8**	ug/L	1.0	0.34	1		10/03/22 01:31	1330-20-7	
m&p-Xylene	**19.6**	ug/L	2.0	0.71	1		10/03/22 01:31	179601-23-1	
o-Xylene	**13.2**	ug/L	1.0	0.34	1		10/03/22 01:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/03/22 01:31	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	70-130		1		10/03/22 01:31	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/03/22 01:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: EB-01-20220928 **Lab ID: 92628594021** Collected: 09/28/22 16:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 20:07	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 20:07	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 20:07	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/04/22 17:12	10/05/22 20:07	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 20:07	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/04/22 17:12	10/05/22 20:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 20:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 20:07	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/04/22 17:12	10/05/22 20:07	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/04/22 17:12	10/05/22 20:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 20:07	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/04/22 17:12	10/05/22 20:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/04/22 17:12	10/05/22 20:07	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/04/22 17:12	10/05/22 20:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/04/22 17:12	10/05/22 20:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 20:07	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 20:07	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 20:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 20:07	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/04/22 17:12	10/05/22 20:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 20:07	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 20:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/04/22 17:12	10/05/22 20:07	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 20:07	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 20:07	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 20:07	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 20:07	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 20:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/04/22 17:12	10/05/22 20:07	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/04/22 17:12	10/05/22 20:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 20:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 20:07	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/04/22 17:12	10/05/22 20:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/04/22 17:12	10/05/22 20:07	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 20:07	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 20:07	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 20:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 20:07	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 20:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/04/22 17:12	10/05/22 20:07	193-39-5	L1
Isophorone	ND	ug/L	8.3	1.4	1	10/04/22 17:12	10/05/22 20:07	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 20:07	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 20:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 20:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/04/22 17:12	10/05/22 20:07	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 J22100156
Pace Project No.: 92628594

Sample: EB-01-20220928 **Lab ID: 92628594021** Collected: 09/28/22 16:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/04/22 17:12	10/05/22 20:07	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 20:07	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/04/22 17:12	10/05/22 20:07	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 20:07	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 20:07	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/04/22 17:12	10/05/22 20:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/04/22 17:12	10/05/22 20:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 20:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/04/22 17:12	10/05/22 20:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/04/22 17:12	10/05/22 20:07	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/04/22 17:12	10/05/22 20:07	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/04/22 17:12	10/05/22 20:07	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/04/22 17:12	10/05/22 20:07	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/04/22 17:12	10/05/22 20:07	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/04/22 17:12	10/05/22 20:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/04/22 17:12	10/05/22 20:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	27	%	10-144		1	10/04/22 17:12	10/05/22 20:07	4165-60-0	
2-Fluorobiphenyl (S)	34	%	10-130		1	10/04/22 17:12	10/05/22 20:07	321-60-8	
Terphenyl-d14 (S)	117	%	34-163		1	10/04/22 17:12	10/05/22 20:07	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	10/04/22 17:12	10/05/22 20:07	13127-88-3	
2-Fluorophenol (S)	29	%	10-130		1	10/04/22 17:12	10/05/22 20:07	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-144		1	10/04/22 17:12	10/05/22 20:07	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	10/03/22 14:23	10/05/22 18:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	69-194		1	10/03/22 14:23	10/05/22 18:38	4165-60-0	
2-Fluorobiphenyl (S)	98	%	61-194		1	10/03/22 14:23	10/05/22 18:38	321-60-8	
Terphenyl-d14 (S)	101	%	69-180		1	10/03/22 14:23	10/05/22 18:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 21:36	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 21:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 21:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 21:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 21:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 21:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 21:36	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 21:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 21:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 21:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 21:36	75-00-3	v2

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: EB-01-20220928 **Lab ID: 92628594021** Collected: 09/28/22 16:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 21:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 21:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 21:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 21:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 21:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 21:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 21:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 21:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 21:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 21:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 21:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 21:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 21:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 21:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 21:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 21:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 21:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 21:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 21:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 21:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 21:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 21:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 21:36	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 21:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 21:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 21:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 21:36	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 21:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 21:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 21:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 21:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 21:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 21:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 21:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 21:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: EB-01-20220928 **Lab ID: 92628594021** Collected: 09/28/22 16:45 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 21:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 21:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 21:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/02/22 21:36	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/02/22 21:36	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 21:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: TB-03-20220928 **Lab ID: 92628594022** Collected: 09/28/22 00:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	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	**41.9**	ug/L	25.0	5.1	1		10/02/22 21:18	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 21:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 21:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 21:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 21:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 21:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 21:18	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 21:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 21:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 21:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 21:18	75-00-3	v2
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 21:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 21:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 21:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 21:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 21:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 21:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 21:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 21:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 21:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 21:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 21:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 21:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 21:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 21:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 21:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 21:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 21:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 21:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 21:18	99-87-6	
Methylene Chloride	**4.4J**	ug/L	5.0	2.0	1		10/02/22 21:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 21:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 21:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 21:18	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 21:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 21:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 21:18	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: TB-03-20220928 **Lab ID: 92628594022** Collected: 09/28/22 00:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/02/22 21:18	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 21:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 21:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 21:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 21:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 21:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 21:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 21:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 21:18	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/02/22 21:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 21:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 21:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/02/22 21:18	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/02/22 21:18	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/22 21:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: TB-04-20220928 **Lab ID: 92628594023** Collected: 09/28/22 00:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	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	**46.2**	ug/L	25.0	5.1	1		10/04/22 03:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/04/22 03:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/04/22 03:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/04/22 03:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/04/22 03:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/04/22 03:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/04/22 03:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/04/22 03:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/04/22 03:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/04/22 03:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/04/22 03:08	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/04/22 03:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/04/22 03:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/04/22 03:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/04/22 03:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/04/22 03:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/04/22 03:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/04/22 03:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/04/22 03:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/04/22 03:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/04/22 03:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/04/22 03:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/04/22 03:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/04/22 03:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/04/22 03:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/04/22 03:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/04/22 03:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/04/22 03:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/04/22 03:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/04/22 03:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/04/22 03:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/04/22 03:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/04/22 03:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/04/22 03:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/04/22 03:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/04/22 03:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/04/22 03:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/04/22 03:08	99-87-6	
Methylene Chloride	**3.8J**	ug/L	5.0	2.0	1		10/04/22 03:08	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/04/22 03:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/04/22 03:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/04/22 03:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/04/22 03:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/04/22 03:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/04/22 03:08	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Sample: TB-04-20220928 **Lab ID: 92628594023** Collected: 09/28/22 00:00 Received: 09/29/22 16:55 Matrix: Water

Parameters	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		10/04/22 03:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/04/22 03:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/04/22 03:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/04/22 03:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/04/22 03:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/04/22 03:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/04/22 03:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/04/22 03:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/04/22 03:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/04/22 03:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/04/22 03:08	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/04/22 03:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/04/22 03:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/04/22 03:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/04/22 03:08	460-00-4	C0
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		10/04/22 03:08	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/04/22 03:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727324
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006, 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594016, 92628594017, 92628594018

METHOD BLANK: 3787759
Matrix: Water
Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006, 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594016, 92628594017, 92628594018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/01/22 23:29	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/01/22 23:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/01/22 23:29	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/01/22 23:29	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/01/22 23:29	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/01/22 23:29	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/01/22 23:29	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/01/22 23:29	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/01/22 23:29	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/01/22 23:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/01/22 23:29	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/01/22 23:29	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/01/22 23:29	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/01/22 23:29	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/01/22 23:29	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/01/22 23:29	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/01/22 23:29	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/01/22 23:29	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/01/22 23:29	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/01/22 23:29	
2-Hexanone	ug/L	ND	5.0	0.48	10/01/22 23:29	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/01/22 23:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/01/22 23:29	
Acetone	ug/L	ND	25.0	5.1	10/01/22 23:29	
Benzene	ug/L	ND	1.0	0.34	10/01/22 23:29	
Bromobenzene	ug/L	ND	1.0	0.29	10/01/22 23:29	
Bromochloromethane	ug/L	ND	1.0	0.47	10/01/22 23:29	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/01/22 23:29	
Bromoform	ug/L	ND	1.0	0.34	10/01/22 23:29	
Bromomethane	ug/L	ND	2.0	1.7	10/01/22 23:29	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/01/22 23:29	
Chlorobenzene	ug/L	ND	1.0	0.28	10/01/22 23:29	
Chloroethane	ug/L	ND	1.0	0.65	10/01/22 23:29	
Chloroform	ug/L	ND	1.0	0.43	10/01/22 23:29	
Chloromethane	ug/L	ND	1.0	0.54	10/01/22 23:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/01/22 23:29	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/01/22 23:29	

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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 J22100156
Pace Project No.: 92628594

METHOD BLANK: 3787759 Matrix: Water

Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006, 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594016, 92628594017, 92628594018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	10/01/22 23:29	
Dibromomethane	ug/L	ND	1.0	0.39	10/01/22 23:29	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/01/22 23:29	
Diisopropyl ether	ug/L	ND	1.0	0.31	10/01/22 23:29	
Ethylbenzene	ug/L	ND	1.0	0.30	10/01/22 23:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/01/22 23:29	
m&p-Xylene	ug/L	ND	2.0	0.71	10/01/22 23:29	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/01/22 23:29	
Methylene Chloride	ug/L	ND	5.0	2.0	10/01/22 23:29	
Naphthalene	ug/L	ND	1.0	0.64	10/01/22 23:29	
o-Xylene	ug/L	ND	1.0	0.34	10/01/22 23:29	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/01/22 23:29	
Styrene	ug/L	ND	1.0	0.29	10/01/22 23:29	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/01/22 23:29	
Toluene	ug/L	ND	1.0	0.48	10/01/22 23:29	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/01/22 23:29	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/01/22 23:29	
Trichloroethene	ug/L	ND	1.0	0.38	10/01/22 23:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/01/22 23:29	
Vinyl acetate	ug/L	ND	2.0	1.3	10/01/22 23:29	
Vinyl chloride	ug/L	ND	1.0	0.39	10/01/22 23:29	
Xylene (Total)	ug/L	ND	1.0	0.34	10/01/22 23:29	
1,2-Dichloroethane-d4 (S)	%	103	70-130		10/01/22 23:29	
4-Bromofluorobenzene (S)	%	105	70-130		10/01/22 23:29	
Toluene-d8 (S)	%	102	70-130		10/01/22 23:29	

LABORATORY CONTROL SAMPLE: 3787760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.0	106	70-130	
1,1,1-Trichloroethane	ug/L	50	46.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	70-130	
1,1,2-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethane	ug/L	50	43.5	87	70-130	
1,1-Dichloroethene	ug/L	50	43.3	87	70-130	
1,1-Dichloropropene	ug/L	50	47.9	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	59.0	118	70-130	
1,2,3-Trichloropropane	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.2	108	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.0	106	70-130	
1,2-Dichlorobenzene	ug/L	50	50.5	101	70-130	
1,2-Dichloroethane	ug/L	50	42.8	86	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3787760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	47.4	95	70-130	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,3-Dichloropropane	ug/L	50	49.6	99	70-130	
1,4-Dichlorobenzene	ug/L	50	48.0	96	70-130	
2,2-Dichloropropane	ug/L	50	48.6	97	70-130	
2-Butanone (MEK)	ug/L	100	95.3	95	70-130	
2-Chlorotoluene	ug/L	50	48.0	96	70-130	
2-Hexanone	ug/L	100	106	106	70-130	
4-Chlorotoluene	ug/L	50	48.5	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.2	99	70-130	
Acetone	ug/L	100	88.7	89	70-130	
Benzene	ug/L	50	45.8	92	70-130	
Bromobenzene	ug/L	50	50.7	101	70-130	
Bromochloromethane	ug/L	50	49.7	99	70-130	
Bromodichloromethane	ug/L	50	49.2	98	70-130	
Bromoform	ug/L	50	54.8	110	70-130	
Bromomethane	ug/L	50	42.7	85	70-130	
Carbon tetrachloride	ug/L	50	50.2	100	70-130	
Chlorobenzene	ug/L	50	50.3	101	70-130	
Chloroethane	ug/L	50	42.8	86	70-130	
Chloroform	ug/L	50	43.4	87	70-130	
Chloromethane	ug/L	50	42.8	86	70-130	
cis-1,2-Dichloroethene	ug/L	50	43.8	88	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	70-130	
Dibromochloromethane	ug/L	50	54.1	108	70-130	
Dibromomethane	ug/L	50	52.1	104	70-130	
Dichlorodifluoromethane	ug/L	50	44.2	88	70-130	
Diisopropyl ether	ug/L	50	44.5	89	70-130	
Ethylbenzene	ug/L	50	48.8	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	70-130	
m&p-Xylene	ug/L	100	97.5	98	70-130	
Methyl-tert-butyl ether	ug/L	50	47.3	95	70-130	
Methylene Chloride	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	57.8	116	70-130	
o-Xylene	ug/L	50	50.1	100	70-130	
p-Isopropyltoluene	ug/L	50	51.0	102	70-130	
Styrene	ug/L	50	52.2	104	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
Toluene	ug/L	50	46.5	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.1	104	70-130	
Trichloroethene	ug/L	50	52.2	104	70-130	
Trichlorofluoromethane	ug/L	50	42.1	84	70-130	
Vinyl acetate	ug/L	100	98.5	98	70-130	
Vinyl chloride	ug/L	50	45.4	91	70-130	
Xylene (Total)	ug/L	150	148	98	70-130	
1,2-Dichloroethane-d4 (S)	%			88	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3787760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 3787762

Parameter	Units	92628594001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.1	116	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	21.6	108	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.2	106	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	22.4	112	70-135	
1,1-Dichloroethane	ug/L	ND	20	20.0	100	70-139	
1,1-Dichloroethene	ug/L	ND	20	20.9	104	70-154	
1,1-Dichloropropene	ug/L	ND	20	22.9	115	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	25.5	128	70-135	v1
1,2,3-Trichloropropane	ug/L	ND	20	21.0	105	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	22.8	114	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	22.2	111	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	22.1	110	70-133	
1,2-Dichloroethane	ug/L	ND	20	19.2	96	70-137	
1,2-Dichloropropane	ug/L	ND	20	21.2	106	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	21.2	106	70-135	
1,3-Dichloropropane	ug/L	ND	20	21.4	107	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	21.2	106	70-133	
2,2-Dichloropropane	ug/L	ND	20	20.7	104	61-148	
2-Butanone (MEK)	ug/L	ND	40	42.0	105	60-139	
2-Chlorotoluene	ug/L	ND	20	20.6	103	70-144	
2-Hexanone	ug/L	ND	40	44.0	110	65-138	
4-Chlorotoluene	ug/L	ND	20	21.2	106	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40.1	100	65-135	
Acetone	ug/L	ND	40	42.1	105	60-148	
Benzene	ug/L	ND	20	20.8	104	70-151	
Bromobenzene	ug/L	ND	20	22.1	110	70-136	
Bromochloromethane	ug/L	ND	20	21.8	109	70-141	
Bromodichloromethane	ug/L	ND	20	20.6	103	70-138	
Bromoform	ug/L	ND	20	21.5	108	63-130	
Bromomethane	ug/L	ND	20	18.7	93	15-152	v3
Carbon tetrachloride	ug/L	ND	20	22.9	115	70-143	
Chlorobenzene	ug/L	ND	20	22.7	113	70-138	
Chloroethane	ug/L	ND	20	20.0	100	52-163	
Chloroform	ug/L	ND	20	19.7	98	70-139	
Chloromethane	ug/L	ND	20	18.1	91	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	19.3	97	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	20.8	104	70-137	
Dibromochloromethane	ug/L	ND	20	21.9	110	70-134	
Dibromomethane	ug/L	ND	20	21.8	109	70-138	

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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 J22100156
Pace Project No.: 92628594

MATRIX SPIKE SAMPLE: 3787762

Parameter	Units	92628594001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dichlorodifluoromethane	ug/L	ND	20	19.9	99	47-155	
Diisopropyl ether	ug/L	ND	20	19.4	97	63-144	
Ethylbenzene	ug/L	ND	20	21.9	109	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	22.4	112	65-149	
m&p-Xylene	ug/L	ND	40	42.7	107	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	18.9	95	54-156	
Methylene Chloride	ug/L	ND	20	19.2	96	42-159	
Naphthalene	ug/L	ND	20	24.5	122	61-148	v1
o-Xylene	ug/L	ND	20	21.7	109	70-148	
p-Isopropyltoluene	ug/L	ND	20	22.0	110	70-146	
Styrene	ug/L	ND	20	22.3	111	70-135	
Tetrachloroethene	ug/L	ND	20	21.8	109	59-143	
Toluene	ug/L	ND	20	20.5	103	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	20.0	100	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	21.1	106	70-135	
Trichloroethene	ug/L	ND	20	22.8	114	70-147	
Trichlorofluoromethane	ug/L	ND	20	19.9	100	70-148	
Vinyl acetate	ug/L	ND	40	38.4	96	49-151	
Vinyl chloride	ug/L	ND	20	20.6	103	70-156	
Xylene (Total)	ug/L	ND	60	64.5	107	63-158	
1,2-Dichloroethane-d4 (S)	%				93	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 3787761

Parameter	Units	92628218007 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	v1
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	

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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 J22100156
Pace Project No.: 92628594

SAMPLE DUPLICATE: 3787761

Parameter	Units	92628218007 Result	Dup Result	RPD	Max RPD	Qualifiers
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	v1
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	99	92			
4-Bromofluorobenzene (S)	%	98	97			
Toluene-d8 (S)	%	99	100			

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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 J22100156
Pace Project No.: 92628594

QC Batch: 727358
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92628594020

METHOD BLANK: 3787843 Matrix: Water
Associated Lab Samples: 92628594020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/02/22 20:05	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/02/22 20:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/02/22 20:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/02/22 20:05	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/02/22 20:05	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/02/22 20:05	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/02/22 20:05	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/02/22 20:05	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/02/22 20:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/02/22 20:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/02/22 20:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 20:05	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/02/22 20:05	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/02/22 20:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 20:05	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/02/22 20:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/02/22 20:05	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/02/22 20:05	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/02/22 20:05	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 20:05	
2-Hexanone	ug/L	ND	5.0	0.48	10/02/22 20:05	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 20:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/02/22 20:05	
Acetone	ug/L	ND	25.0	5.1	10/02/22 20:05	
Benzene	ug/L	ND	1.0	0.34	10/02/22 20:05	
Bromobenzene	ug/L	ND	1.0	0.29	10/02/22 20:05	
Bromochloromethane	ug/L	ND	1.0	0.47	10/02/22 20:05	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/02/22 20:05	
Bromoform	ug/L	ND	1.0	0.34	10/02/22 20:05	
Bromomethane	ug/L	ND	2.0	1.7	10/02/22 20:05	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/02/22 20:05	
Chlorobenzene	ug/L	ND	1.0	0.28	10/02/22 20:05	
Chloroethane	ug/L	ND	1.0	0.65	10/02/22 20:05	
Chloroform	ug/L	ND	1.0	0.43	10/02/22 20:05	
Chloromethane	ug/L	ND	1.0	0.54	10/02/22 20:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/02/22 20:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 20:05	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/02/22 20:05	
Dibromomethane	ug/L	ND	1.0	0.39	10/02/22 20:05	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/02/22 20:05	

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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 J22100156
Pace Project No.: 92628594

METHOD BLANK: 3787843 Matrix: Water
Associated Lab Samples: 92628594020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/02/22 20:05	
Ethylbenzene	ug/L	ND	1.0	0.30	10/02/22 20:05	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/02/22 20:05	
m&p-Xylene	ug/L	ND	2.0	0.71	10/02/22 20:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/02/22 20:05	
Methylene Chloride	ug/L	ND	5.0	2.0	10/02/22 20:05	
Naphthalene	ug/L	ND	1.0	0.64	10/02/22 20:05	
o-Xylene	ug/L	ND	1.0	0.34	10/02/22 20:05	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/02/22 20:05	
Styrene	ug/L	ND	1.0	0.29	10/02/22 20:05	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/02/22 20:05	
Toluene	ug/L	ND	1.0	0.48	10/02/22 20:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/02/22 20:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 20:05	
Trichloroethene	ug/L	ND	1.0	0.38	10/02/22 20:05	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/02/22 20:05	
Vinyl acetate	ug/L	ND	2.0	1.3	10/02/22 20:05	
Vinyl chloride	ug/L	ND	1.0	0.39	10/02/22 20:05	
Xylene (Total)	ug/L	ND	1.0	0.34	10/02/22 20:05	
1,2-Dichloroethane-d4 (S)	%	119	70-130		10/02/22 20:05	
4-Bromofluorobenzene (S)	%	98	70-130		10/02/22 20:05	
Toluene-d8 (S)	%	102	70-130		10/02/22 20:05	

LABORATORY CONTROL SAMPLE: 3787844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.1	96	70-130	
1,1,1-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.2	108	70-130	
1,1,2-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethene	ug/L	50	55.3	111	70-130	
1,1-Dichloropropene	ug/L	50	53.9	108	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.3	93	70-130	
1,2,3-Trichloropropane	ug/L	50	53.7	107	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	93	70-130	
1,2-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dichloroethane	ug/L	50	57.0	114	70-130	
1,2-Dichloropropane	ug/L	50	50.3	101	70-130	
1,3-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,3-Dichloropropane	ug/L	50	50.6	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.5	99	70-130	
2,2-Dichloropropane	ug/L	50	50.1	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3787844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	50.9	102	70-130	
2-Hexanone	ug/L	100	107	107	70-130	
4-Chlorotoluene	ug/L	50	51.2	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-130	
Acetone	ug/L	100	119	119	70-130	
Benzene	ug/L	50	45.6	91	70-130	
Bromobenzene	ug/L	50	48.0	96	70-130	
Bromochloromethane	ug/L	50	49.1	98	70-130	
Bromodichloromethane	ug/L	50	49.3	99	70-130	
Bromoform	ug/L	50	44.8	90	70-130	
Bromomethane	ug/L	50	37.8	76	70-130	v3
Carbon tetrachloride	ug/L	50	45.7	91	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	59.0	118	70-130	
Chloroform	ug/L	50	50.6	101	70-130	
Chloromethane	ug/L	50	44.1	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	70-130	
Dibromochloromethane	ug/L	50	45.0	90	70-130	
Dibromomethane	ug/L	50	47.0	94	70-130	
Dichlorodifluoromethane	ug/L	50	53.3	107	70-130	
Diisopropyl ether	ug/L	50	49.5	99	70-130	
Ethylbenzene	ug/L	50	49.5	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.9	92	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	50.7	101	70-130	
Methylene Chloride	ug/L	50	49.9	100	70-130	
Naphthalene	ug/L	50	46.9	94	70-130	
o-Xylene	ug/L	50	48.1	96	70-130	
p-Isopropyltoluene	ug/L	50	50.0	100	70-130	
Styrene	ug/L	50	48.1	96	70-130	
Tetrachloroethene	ug/L	50	43.6	87	70-130	
Toluene	ug/L	50	49.2	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	52.0	104	70-130	
Vinyl acetate	ug/L	100	107	107	70-130	
Vinyl chloride	ug/L	50	55.5	111	70-130	
Xylene (Total)	ug/L	150	148	99	70-130	
1,2-Dichloroethane-d4 (S)	%			114	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787845 3787846

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	22.0	115	110	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.1	21.9	116	110	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.2	21.7	111	109	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.1	22.5	115	112	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.0	20.1	100	100	70-139	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.1	20.7	105	104	70-154	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.0	22.1	115	111	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	25.0	25.5	125	128	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.9	20.5	100	102	71-137	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	22.3	117	112	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.9	21.2	115	106	65-134	8	30	
1,2-Dichlorobenzene	ug/L	0.49J	20	20	23.4	22.4	114	109	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	19.3	100	97	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.1	21.0	110	105	70-140	5	30	
1,3-Dichlorobenzene	ug/L	0.84J	20	20	22.1	22.3	106	107	70-135	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.8	21.9	109	109	70-143	0	30	
1,4-Dichlorobenzene	ug/L	0.40J	20	20	22.1	21.5	109	105	70-133	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.0	20.1	110	101	61-148	9	30	
2-Butanone (MEK)	ug/L	ND	40	40	43.9	42.9	110	107	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	21.9	21.0	110	105	70-144	4	30	
2-Hexanone	ug/L	ND	40	40	45.1	45.0	113	113	65-138	0	30	
4-Chlorotoluene	ug/L	ND	20	20	21.8	21.1	109	106	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	42.8	40.2	107	101	65-135	6	30	
Acetone	ug/L	ND	40	40	43.4	40.7	108	102	60-148	6	30	
Benzene	ug/L	ND	20	20	22.1	20.9	110	104	70-151	6	30	
Bromobenzene	ug/L	ND	20	20	22.5	21.9	113	109	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	22.1	21.5	111	108	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	22.2	21.5	111	108	70-138	3	30	
Bromoform	ug/L	ND	20	20	22.7	21.8	113	109	63-130	4	30	
Bromomethane	ug/L	ND	20	20	18.7	18.5	94	93	15-152	1	30	v3
Carbon tetrachloride	ug/L	ND	20	20	24.3	23.1	122	116	70-143	5	30	
Chlorobenzene	ug/L	ND	20	20	22.9	22.5	114	112	70-138	2	30	
Chloroethane	ug/L	ND	20	20	21.1	20.1	105	100	52-163	5	30	
Chloroform	ug/L	ND	20	20	21.1	20.4	105	102	70-139	3	30	
Chloromethane	ug/L	ND	20	20	17.6	17.2	88	86	41-139	2	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.9	20.3	104	102	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	21.0	112	105	70-137	6	30	
Dibromochloromethane	ug/L	ND	20	20	23.0	21.9	115	109	70-134	5	30	
Dibromomethane	ug/L	ND	20	20	24.0	22.2	120	111	70-138	8	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.2	17.7	91	89	47-155	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.1	100	101	63-144	1	30	
Ethylbenzene	ug/L	ND	20	20	21.9	21.8	110	109	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.6	22.1	113	111	65-149	2	30	
m&p-Xylene	ug/L	ND	40	40	43.2	42.7	108	107	69-152	1	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787845 3787846

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	19.8	103	99	54-156	4	30	
Methylene Chloride	ug/L	ND	20	20	20.6	17.8	103	89	42-159	15	30	
Naphthalene	ug/L	ND	20	20	24.1	23.8	121	119	61-148	1	30	
o-Xylene	ug/L	ND	20	20	21.8	21.9	109	109	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.3	22.0	111	110	70-146	1	30	
Styrene	ug/L	ND	20	20	22.1	22.0	110	110	70-135	0	30	
Tetrachloroethene	ug/L	ND	20	20	21.1	21.5	105	108	59-143	2	30	
Toluene	ug/L	ND	20	20	22.1	20.7	110	103	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.6	20.6	108	103	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.9	21.9	114	109	70-135	4	30	
Trichloroethene	ug/L	ND	20	20	24.5	23.3	122	117	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.1	19.6	100	98	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	37.9	37.0	95	93	49-151	3	30	
Vinyl chloride	ug/L	ND	20	20	21.5	20.1	108	101	70-156	7	30	
Xylene (Total)	ug/L	ND	60	60	65.0	64.6	108	108	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						90	92	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						102	98	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788964 3788965

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.4	21.2	112	106	73-134	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	20.8	110	104	82-143	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.1	21.3	106	107	70-136	1	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	21.4	111	107	70-135	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.8	18.7	99	94	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.2	19.1	101	96	70-154	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.0	21.3	105	106	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	23.7	26.0	119	130	70-135	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.6	20.4	98	102	71-137	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.7	22.4	109	112	73-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	22.1	106	110	65-134	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.8	21.0	109	105	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.9	18.8	99	94	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.4	20.3	107	101	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.1	20.7	105	103	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.4	21.1	102	105	70-143	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.9	19.5	105	97	61-148	7	30	
2-Butanone (MEK)	ug/L	ND	40	40	43.4	42.5	109	106	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	21.2	20.9	106	104	70-144	2	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788964 3788965

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	40	40	41.8	45.5	104	114	65-138	9	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	20.8	106	104	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.6	41.0	99	102	65-135	3	30	
Acetone	ug/L	ND	40	40	42.7	42.0	107	105	60-148	2	30	
Benzene	ug/L	0.38J	20	20	21.1	19.9	104	98	70-151	6	30	
Bromobenzene	ug/L	ND	20	20	21.4	20.7	107	104	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	22.2	20.6	111	103	70-141	8	30	
Bromodichloromethane	ug/L	ND	20	20	21.0	20.1	105	101	70-138	4	30	
Bromoform	ug/L	ND	20	20	21.0	21.7	105	109	63-130	4	30	
Bromomethane	ug/L	ND	20	20	18.2	18.6	91	93	15-152	2	30	v3
Carbon tetrachloride	ug/L	ND	20	20	22.9	21.9	114	110	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	21.6	21.5	108	107	70-138	0	30	
Chloroethane	ug/L	ND	20	20	21.3	18.8	107	94	52-163	13	30	
Chloroform	ug/L	ND	20	20	20.0	18.1	100	90	70-139	10	30	
Chloromethane	ug/L	ND	20	20	18.5	16.3	93	81	41-139	13	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.7	19.2	103	96	70-141	7	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	20.5	102	103	70-137	0	30	
Dibromochloromethane	ug/L	ND	20	20	21.5	20.9	107	105	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	21.4	20.6	107	103	70-138	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.1	16.7	91	83	47-155	8	30	
Diisopropyl ether	ug/L	ND	20	20	19.1	18.3	95	92	63-144	4	30	
Ethylbenzene	ug/L	0.33J	20	20	21.6	21.1	107	104	66-153	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.2	22.0	111	110	65-149	1	30	
m&p-Xylene	ug/L	ND	40	40	42.7	41.4	107	104	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.8	19.2	99	96	54-156	3	30	
Methylene Chloride	ug/L	ND	20	20	20.6	18.6	103	93	42-159	10	30	
Naphthalene	ug/L	3.2	20	20	27.3	29.6	120	132	61-148	8	30	
o-Xylene	ug/L	ND	20	20	21.7	21.0	107	104	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.5	21.3	108	106	70-146	1	30	
Styrene	ug/L	ND	20	20	21.9	21.3	109	107	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	20.5	104	103	59-143	1	30	
Toluene	ug/L	ND	20	20	20.5	19.8	102	99	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	19.0	102	95	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.2	20.8	106	104	70-135	2	30	
Trichloroethene	ug/L	ND	20	20	22.9	21.4	114	107	70-147	7	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.9	18.1	100	91	70-148	9	30	
Vinyl acetate	ug/L	ND	40	40	35.6	35.6	89	89	49-151	0	30	
Vinyl chloride	ug/L	ND	20	20	20.9	19.3	105	96	70-156	8	30	
Xylene (Total)	ug/L	ND	60	60	64.4	62.5	107	104	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						92	90	70-130			
4-Bromofluorobenzene (S)	%						100	103	70-130			
Toluene-d8 (S)	%						98	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 J22100156
Pace Project No.: 92628594

QC Batch: 727359
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628594021, 92628594022

METHOD BLANK: 3787847 Matrix: Water
Associated Lab Samples: 92628594021, 92628594022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/02/22 18:35	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/02/22 18:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/02/22 18:35	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/02/22 18:35	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/02/22 18:35	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/02/22 18:35	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/02/22 18:35	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/02/22 18:35	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/02/22 18:35	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/02/22 18:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/02/22 18:35	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 18:35	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/02/22 18:35	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/02/22 18:35	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 18:35	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/02/22 18:35	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/02/22 18:35	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/02/22 18:35	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/02/22 18:35	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 18:35	
2-Hexanone	ug/L	ND	5.0	0.48	10/02/22 18:35	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 18:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/02/22 18:35	
Acetone	ug/L	ND	25.0	5.1	10/02/22 18:35	
Benzene	ug/L	ND	1.0	0.34	10/02/22 18:35	
Bromobenzene	ug/L	ND	1.0	0.29	10/02/22 18:35	
Bromochloromethane	ug/L	ND	1.0	0.47	10/02/22 18:35	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/02/22 18:35	
Bromoform	ug/L	ND	1.0	0.34	10/02/22 18:35	
Bromomethane	ug/L	ND	2.0	1.7	10/02/22 18:35	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/02/22 18:35	
Chlorobenzene	ug/L	ND	1.0	0.28	10/02/22 18:35	
Chloroethane	ug/L	ND	1.0	0.65	10/02/22 18:35	v2
Chloroform	ug/L	ND	1.0	0.43	10/02/22 18:35	
Chloromethane	ug/L	ND	1.0	0.54	10/02/22 18:35	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/02/22 18:35	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 18:35	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/02/22 18:35	
Dibromomethane	ug/L	ND	1.0	0.39	10/02/22 18:35	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/02/22 18:35	

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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 J22100156
Pace Project No.: 92628594

METHOD BLANK: 3787847 Matrix: Water
Associated Lab Samples: 92628594021, 92628594022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/02/22 18:35	
Ethylbenzene	ug/L	ND	1.0	0.30	10/02/22 18:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/02/22 18:35	
m&p-Xylene	ug/L	ND	2.0	0.71	10/02/22 18:35	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/02/22 18:35	
Methylene Chloride	ug/L	ND	5.0	2.0	10/02/22 18:35	
Naphthalene	ug/L	ND	1.0	0.64	10/02/22 18:35	
o-Xylene	ug/L	ND	1.0	0.34	10/02/22 18:35	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/02/22 18:35	
Styrene	ug/L	ND	1.0	0.29	10/02/22 18:35	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/02/22 18:35	
Toluene	ug/L	ND	1.0	0.48	10/02/22 18:35	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/02/22 18:35	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 18:35	
Trichloroethene	ug/L	ND	1.0	0.38	10/02/22 18:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/02/22 18:35	
Vinyl acetate	ug/L	ND	2.0	1.3	10/02/22 18:35	
Vinyl chloride	ug/L	ND	1.0	0.39	10/02/22 18:35	
Xylene (Total)	ug/L	ND	1.0	0.34	10/02/22 18:35	
1,2-Dichloroethane-d4 (S)	%	92	70-130		10/02/22 18:35	
4-Bromofluorobenzene (S)	%	94	70-130		10/02/22 18:35	
Toluene-d8 (S)	%	101	70-130		10/02/22 18:35	

LABORATORY CONTROL SAMPLE: 3787848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.4	107	70-130	
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,2-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethane	ug/L	50	48.8	98	70-130	
1,1-Dichloroethene	ug/L	50	47.8	96	70-130	
1,1-Dichloropropene	ug/L	50	53.0	106	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2,3-Trichloropropane	ug/L	50	48.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.4	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.1	104	70-130	
1,2-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,2-Dichloroethane	ug/L	50	45.7	91	70-130	
1,2-Dichloropropane	ug/L	50	52.0	104	70-130	
1,3-Dichlorobenzene	ug/L	50	53.2	106	70-130	
1,3-Dichloropropane	ug/L	50	51.7	103	70-130	
1,4-Dichlorobenzene	ug/L	50	52.5	105	70-130	
2,2-Dichloropropane	ug/L	50	46.6	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3787848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	88.6	89	70-130	
2-Chlorotoluene	ug/L	50	52.7	105	70-130	
2-Hexanone	ug/L	100	96.2	96	70-130	
4-Chlorotoluene	ug/L	50	52.0	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.0	92	70-130	
Acetone	ug/L	100	82.4	82	70-130	
Benzene	ug/L	50	48.5	97	70-130	
Bromobenzene	ug/L	50	53.1	106	70-130	
Bromochloromethane	ug/L	50	53.6	107	70-130	
Bromodichloromethane	ug/L	50	49.7	99	70-130	
Bromoform	ug/L	50	52.5	105	70-130	
Bromomethane	ug/L	50	38.0	76	70-130	v3
Carbon tetrachloride	ug/L	50	48.6	97	70-130	
Chlorobenzene	ug/L	50	52.7	105	70-130	
Chloroethane	ug/L	50	39.2	78	70-130	v3
Chloroform	ug/L	50	50.1	100	70-130	
Chloromethane	ug/L	50	49.5	99	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	70-130	
Dibromochloromethane	ug/L	50	52.8	106	70-130	
Dibromomethane	ug/L	50	52.4	105	70-130	
Dichlorodifluoromethane	ug/L	50	50.5	101	70-130	
Diisopropyl ether	ug/L	50	48.3	97	70-130	
Ethylbenzene	ug/L	50	50.9	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.4	105	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	47.2	94	70-130	
Methylene Chloride	ug/L	50	44.8	90	70-130	
Naphthalene	ug/L	50	52.9	106	70-130	
o-Xylene	ug/L	50	52.5	105	70-130	
p-Isopropyltoluene	ug/L	50	54.2	108	70-130	
Styrene	ug/L	50	53.4	107	70-130	
Tetrachloroethene	ug/L	50	51.6	103	70-130	
Toluene	ug/L	50	48.7	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	44.6	89	70-130	
Vinyl acetate	ug/L	100	93.2	93	70-130	
Vinyl chloride	ug/L	50	54.4	109	70-130	
Xylene (Total)	ug/L	150	155	104	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787849 3787850

Parameter	Units	92628600012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.5	22.6	102	113	73-134	10	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.1	21.6	100	108	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.8	21.9	99	109	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.0	22.0	100	110	70-135	10	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.7	21.3	98	106	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	19.5	21.0	98	105	70-154	7	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.3	22.7	107	114	70-149	6	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.8	21.5	94	108	70-135	13	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.6	20.5	93	102	71-137	10	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.6	22.1	98	111	73-140	12	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.8	21.1	94	105	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	22.9	102	115	70-133	12	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.2	19.5	91	98	70-137	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.3	22.3	102	111	70-140	9	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.0	23.7	105	118	70-135	12	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.1	21.9	101	109	70-143	8	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.4	22.6	102	113	70-133	10	30	
2,2-Dichloropropane	ug/L	ND	20	20	17.6	19.3	88	97	61-148	10	30	
2-Butanone (MEK)	ug/L	ND	40	40	37.2	39.4	93	98	60-139	6	30	
2-Chlorotoluene	ug/L	ND	20	20	21.0	23.1	105	116	70-144	9	30	
2-Hexanone	ug/L	ND	40	40	36.8	40.3	92	101	65-138	9	30	
4-Chlorotoluene	ug/L	ND	20	20	20.8	22.7	104	113	70-137	9	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	35.1	37.7	88	94	65-135	7	30	
Acetone	ug/L	ND	40	40	32.8	34.4	82	86	60-148	5	30	
Benzene	ug/L	ND	20	20	19.8	21.5	99	108	70-151	8	30	
Bromobenzene	ug/L	ND	20	20	21.0	23.7	105	118	70-136	12	30	
Bromochloromethane	ug/L	ND	20	20	20.8	23.1	104	115	70-141	10	30	
Bromodichloromethane	ug/L	ND	20	20	19.4	21.2	97	106	70-138	9	30	
Bromoform	ug/L	ND	20	20	18.8	20.8	94	104	63-130	10	30	
Bromomethane	ug/L	ND	20	20	13.3	17.1	67	85	15-152	25	30	v3
Carbon tetrachloride	ug/L	ND	20	20	20.1	21.6	100	108	70-143	7	30	
Chlorobenzene	ug/L	ND	20	20	21.5	23.5	107	118	70-138	9	30	
Chloroethane	ug/L	ND	20	20	22.8	23.8	114	119	52-163	4	30	
Chloroform	ug/L	ND	20	20	19.7	21.3	99	106	70-139	8	30	
Chloromethane	ug/L	ND	20	20	18.6	20.3	93	102	41-139	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.6	21.1	98	106	70-141	7	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.1	21.0	96	105	70-137	9	30	
Dibromochloromethane	ug/L	ND	20	20	19.7	21.7	98	109	70-134	10	30	
Dibromomethane	ug/L	ND	20	20	20.4	22.3	102	112	70-138	9	30	
Dichlorodifluoromethane	ug/L	ND	20	20	19.3	20.6	96	103	47-155	7	30	
Diisopropyl ether	ug/L	ND	20	20	18.4	19.9	92	99	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	20.6	22.7	103	114	66-153	10	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	23.3	102	116	65-149	13	30	
m&p-Xylene	ug/L	ND	40	40	41.4	45.5	104	114	69-152	9	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787849 3787850

Parameter	Units	92628600012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	17.8	19.2	89	96	54-156	8	30	
Methylene Chloride	ug/L	ND	20	20	18.1	19.6	91	98	42-159	8	30	
Naphthalene	ug/L	ND	20	20	18.6	22.0	93	110	61-148	17	30	
o-Xylene	ug/L	ND	20	20	20.6	23.1	103	116	70-148	11	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.1	23.7	105	118	70-146	12	30	
Styrene	ug/L	ND	20	20	20.5	22.5	102	112	70-135	9	30	
Tetrachloroethene	ug/L	ND	20	20	20.6	22.3	103	111	59-143	8	30	
Toluene	ug/L	ND	20	20	19.9	21.7	99	109	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	21.6	102	108	70-146	6	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.9	20.4	95	102	70-135	8	30	
Trichloroethene	ug/L	ND	20	20	21.7	23.6	109	118	70-147	8	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.4	20.9	97	104	70-148	7	30	
Vinyl acetate	ug/L	ND	40	40	32.8	35.5	82	89	49-151	8	30	
Vinyl chloride	ug/L	ND	20	20	21.8	23.2	109	116	70-156	6	30	
Xylene (Total)	ug/L	ND	60	60	62.1	68.6	103	114	63-158	10	30	
1,2-Dichloroethane-d4 (S)	%						91	89	70-130			
4-Bromofluorobenzene (S)	%						96	95	70-130			
Toluene-d8 (S)	%						98	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727432
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628594014, 92628594015, 92628594023

METHOD BLANK: 3788052 Matrix: Water
Associated Lab Samples: 92628594014, 92628594015, 92628594023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/04/22 02:49	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/04/22 02:49	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/04/22 02:49	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/04/22 02:49	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/04/22 02:49	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/04/22 02:49	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/04/22 02:49	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/04/22 02:49	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/04/22 02:49	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/04/22 02:49	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/04/22 02:49	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/04/22 02:49	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/04/22 02:49	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/04/22 02:49	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/04/22 02:49	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/04/22 02:49	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/04/22 02:49	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/04/22 02:49	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/04/22 02:49	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/04/22 02:49	
2-Hexanone	ug/L	ND	5.0	0.48	10/04/22 02:49	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/04/22 02:49	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/04/22 02:49	
Acetone	ug/L	ND	25.0	5.1	10/04/22 02:49	
Benzene	ug/L	ND	1.0	0.34	10/04/22 02:49	
Bromobenzene	ug/L	ND	1.0	0.29	10/04/22 02:49	
Bromochloromethane	ug/L	ND	1.0	0.47	10/04/22 02:49	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/04/22 02:49	
Bromoform	ug/L	ND	1.0	0.34	10/04/22 02:49	
Bromomethane	ug/L	ND	2.0	1.7	10/04/22 02:49	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/04/22 02:49	
Chlorobenzene	ug/L	ND	1.0	0.28	10/04/22 02:49	
Chloroethane	ug/L	ND	1.0	0.65	10/04/22 02:49	
Chloroform	ug/L	ND	1.0	0.43	10/04/22 02:49	
Chloromethane	ug/L	ND	1.0	0.54	10/04/22 02:49	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/04/22 02:49	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/04/22 02:49	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/04/22 02:49	
Dibromomethane	ug/L	ND	1.0	0.39	10/04/22 02:49	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/04/22 02:49	

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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 J22100156
Pace Project No.: 92628594

METHOD BLANK: 3788052 Matrix: Water
Associated Lab Samples: 92628594014, 92628594015, 92628594023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/04/22 02:49	
Ethylbenzene	ug/L	ND	1.0	0.30	10/04/22 02:49	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/04/22 02:49	
m&p-Xylene	ug/L	ND	2.0	0.71	10/04/22 02:49	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/04/22 02:49	
Methylene Chloride	ug/L	ND	5.0	2.0	10/04/22 02:49	
Naphthalene	ug/L	ND	1.0	0.64	10/04/22 02:49	
o-Xylene	ug/L	ND	1.0	0.34	10/04/22 02:49	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/04/22 02:49	
Styrene	ug/L	ND	1.0	0.29	10/04/22 02:49	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/04/22 02:49	
Toluene	ug/L	ND	1.0	0.48	10/04/22 02:49	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/04/22 02:49	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/04/22 02:49	
Trichloroethene	ug/L	ND	1.0	0.38	10/04/22 02:49	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/04/22 02:49	
Vinyl acetate	ug/L	ND	2.0	1.3	10/04/22 02:49	
Vinyl chloride	ug/L	ND	1.0	0.39	10/04/22 02:49	
Xylene (Total)	ug/L	ND	1.0	0.34	10/04/22 02:49	
1,2-Dichloroethane-d4 (S)	%	101	70-130		10/04/22 02:49	
4-Bromofluorobenzene (S)	%	98	70-130		10/04/22 02:49	
Toluene-d8 (S)	%	99	70-130		10/04/22 02:49	

LABORATORY CONTROL SAMPLE: 3788053

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.6	103	70-130	
1,1,1-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,2-Trichloroethane	ug/L	50	49.3	99	70-130	
1,1-Dichloroethane	ug/L	50	47.7	95	70-130	
1,1-Dichloroethene	ug/L	50	50.1	100	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	70-130	
1,2,3-Trichloropropane	ug/L	50	51.1	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.8	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.9	94	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	50.2	100	70-130	
1,2-Dichloropropane	ug/L	50	48.4	97	70-130	
1,3-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,3-Dichloropropane	ug/L	50	50.2	100	70-130	
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-130	
2,2-Dichloropropane	ug/L	50	45.6	91	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3788053

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	92.5	92	70-130	
2-Chlorotoluene	ug/L	50	48.7	97	70-130	
2-Hexanone	ug/L	100	97.3	97	70-130	
4-Chlorotoluene	ug/L	50	51.1	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.8	94	70-130	
Acetone	ug/L	100	94.9	95	70-130	
Benzene	ug/L	50	46.7	93	70-130	
Bromobenzene	ug/L	50	51.0	102	70-130	
Bromochloromethane	ug/L	50	50.9	102	70-130	
Bromodichloromethane	ug/L	50	47.8	96	70-130	
Bromoform	ug/L	50	48.5	97	70-130	
Bromomethane	ug/L	50	52.2	104	70-130	
Carbon tetrachloride	ug/L	50	48.6	97	70-130	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	48.8	98	70-130	
Chloroform	ug/L	50	48.5	97	70-130	
Chloromethane	ug/L	50	41.3	83	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Dibromochloromethane	ug/L	50	48.5	97	70-130	
Dibromomethane	ug/L	50	50.5	101	70-130	
Dichlorodifluoromethane	ug/L	50	35.2	70	70-130	
Diisopropyl ether	ug/L	50	47.3	95	70-130	
Ethylbenzene	ug/L	50	50.8	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	48.6	97	70-130	
Methylene Chloride	ug/L	50	41.4	83	70-130	
Naphthalene	ug/L	50	51.8	104	70-130	
o-Xylene	ug/L	50	48.7	97	70-130	
p-Isopropyltoluene	ug/L	50	52.0	104	70-130	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	50.1	100	70-130	
Toluene	ug/L	50	48.6	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	70-130	
Trichloroethene	ug/L	50	51.9	104	70-130	
Trichlorofluoromethane	ug/L	50	52.6	105	70-130	
Vinyl acetate	ug/L	100	96.0	96	70-130	
Vinyl chloride	ug/L	50	41.8	84	70-130	
Xylene (Total)	ug/L	150	151	101	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788054 3788055

Parameter	Units	92628523001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	23.1	23.1	115	115	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.8	24.5	124	122	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.6	24.0	108	120	70-136	11	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	21.8	111	109	70-135	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.9	23.3	115	117	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.2	25.3	126	127	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.6	25.2	123	126	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.9	20.6	105	103	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.9	23.5	99	118	71-137	17	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.3	17.7	96	88	73-140	9	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.0	22.6	100	113	65-134	12	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	19.8	19.8	99	99	70-133	0	30	
1,2-Dichloroethane	ug/L	ND	20	20	22.9	23.2	114	116	70-137	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.2	22.7	116	114	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	19.3	102	96	70-135	6	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.5	23.3	112	116	70-143	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.1	20.6	96	103	70-133	8	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.9	24.3	120	121	61-148	1	30	
2-Butanone (MEK)	ug/L	ND	40	40	46.9	46.9	117	117	60-139	0	30	
2-Chlorotoluene	ug/L	ND	20	20	20.2	20.7	101	103	70-144	2	30	
2-Hexanone	ug/L	ND	40	40	47.9	51.1	120	128	65-138	6	30	
4-Chlorotoluene	ug/L	ND	20	20	20.2	20.7	101	103	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	44.6	46.8	111	117	65-135	5	30	
Acetone	ug/L	ND	40	40	46.2	48.7	115	122	60-148	5	30	
Benzene	ug/L	0.37J	20	20	21.6	21.1	106	104	70-151	2	30	
Bromobenzene	ug/L	ND	20	20	20.0	19.6	100	98	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	22.4	22.4	112	112	70-141	0	30	
Bromodichloromethane	ug/L	ND	20	20	22.3	22.3	111	111	70-138	0	30	
Bromoform	ug/L	ND	20	20	18.9	20.8	95	104	63-130	9	30	
Bromomethane	ug/L	ND	20	20	22.0	21.1	110	105	15-152	4	30	
Carbon tetrachloride	ug/L	ND	20	20	23.4	23.6	117	118	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	21.6	22.3	108	112	70-138	3	30	
Chloroethane	ug/L	ND	20	20	27.3	27.1	137	136	52-163	1	30	IK,v1
Chloroform	ug/L	ND	20	20	23.0	23.5	115	118	70-139	2	30	
Chloromethane	ug/L	ND	20	20	22.2	23.0	111	115	41-139	4	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.3	23.6	117	118	70-141	1	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.9	22.8	119	114	70-137	5	30	
Dibromochloromethane	ug/L	ND	20	20	21.7	22.5	108	113	70-134	4	30	
Dibromomethane	ug/L	ND	20	20	19.6	19.3	98	96	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	19.3	19.3	96	96	47-155	0	30	
Diisopropyl ether	ug/L	ND	20	20	23.6	23.8	118	119	63-144	1	30	
Ethylbenzene	ug/L	ND	20	20	22.5	22.6	112	113	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.3	21.7	102	109	65-149	7	30	
m&p-Xylene	ug/L	ND	40	40	43.3	45.3	108	113	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 J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788054 3788055

Parameter	Units	92628523001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	0.75J	20	20	24.2	25.1	117	122	54-156	3	30	
Methylene Chloride	ug/L	ND	20	20	21.8	22.5	109	112	42-159	3	30	
Naphthalene	ug/L	ND	20	20	19.4	19.9	97	99	61-148	3	30	
o-Xylene	ug/L	ND	20	20	21.4	21.5	107	108	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.0	22.3	110	112	70-146	1	30	
Styrene	ug/L	ND	20	20	19.9	20.7	100	103	70-135	4	30	
Tetrachloroethene	ug/L	ND	20	20	20.6	20.3	103	102	59-143	1	30	
Toluene	ug/L	ND	20	20	20.9	20.5	104	102	59-148	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.7	23.7	119	119	70-146	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.6	22.5	113	113	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	21.5	21.4	108	107	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.1	21.7	111	108	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	46.6	48.1	116	120	49-151	3	30	
Vinyl chloride	ug/L	ND	20	20	23.5	23.6	118	118	70-156	0	30	
Xylene (Total)	ug/L	ND	60	60	64.7	66.8	108	111	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						116	113	70-130			
4-Bromofluorobenzene (S)	%						100	102	70-130			
Toluene-d8 (S)	%						103	100	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727773
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92628594019

METHOD BLANK: 3790041 Matrix: Water
Associated Lab Samples: 92628594019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/04/22 15:20	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/04/22 15:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/04/22 15:20	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/04/22 15:20	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/04/22 15:20	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/04/22 15:20	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/04/22 15:20	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/04/22 15:20	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/04/22 15:20	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/04/22 15:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/04/22 15:20	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/04/22 15:20	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/04/22 15:20	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/04/22 15:20	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/04/22 15:20	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/04/22 15:20	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/04/22 15:20	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/04/22 15:20	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/04/22 15:20	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/04/22 15:20	
2-Hexanone	ug/L	ND	5.0	0.48	10/04/22 15:20	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/04/22 15:20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/04/22 15:20	
Acetone	ug/L	ND	25.0	5.1	10/04/22 15:20	
Benzene	ug/L	ND	1.0	0.34	10/04/22 15:20	
Bromobenzene	ug/L	ND	1.0	0.29	10/04/22 15:20	
Bromochloromethane	ug/L	ND	1.0	0.47	10/04/22 15:20	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/04/22 15:20	
Bromoform	ug/L	ND	1.0	0.34	10/04/22 15:20	
Bromomethane	ug/L	ND	2.0	1.7	10/04/22 15:20	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/04/22 15:20	
Chlorobenzene	ug/L	ND	1.0	0.28	10/04/22 15:20	
Chloroethane	ug/L	ND	1.0	0.65	10/04/22 15:20	
Chloroform	ug/L	ND	1.0	0.43	10/04/22 15:20	
Chloromethane	ug/L	ND	1.0	0.54	10/04/22 15:20	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/04/22 15:20	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/04/22 15:20	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/04/22 15:20	
Dibromomethane	ug/L	ND	1.0	0.39	10/04/22 15:20	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/04/22 15:20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

METHOD BLANK: 3790041 Matrix: Water
Associated Lab Samples: 92628594019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/04/22 15:20	
Ethylbenzene	ug/L	ND	1.0	0.30	10/04/22 15:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/04/22 15:20	
m&p-Xylene	ug/L	ND	2.0	0.71	10/04/22 15:20	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/04/22 15:20	
Methylene Chloride	ug/L	ND	5.0	2.0	10/04/22 15:20	
Naphthalene	ug/L	ND	1.0	0.64	10/04/22 15:20	
o-Xylene	ug/L	ND	1.0	0.34	10/04/22 15:20	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/04/22 15:20	
Styrene	ug/L	ND	1.0	0.29	10/04/22 15:20	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/04/22 15:20	
Toluene	ug/L	ND	1.0	0.48	10/04/22 15:20	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/04/22 15:20	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/04/22 15:20	
Trichloroethene	ug/L	ND	1.0	0.38	10/04/22 15:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/04/22 15:20	
Vinyl acetate	ug/L	ND	2.0	1.3	10/04/22 15:20	
Vinyl chloride	ug/L	ND	1.0	0.39	10/04/22 15:20	
Xylene (Total)	ug/L	ND	1.0	0.34	10/04/22 15:20	
1,2-Dichloroethane-d4 (S)	%	106	70-130		10/04/22 15:20	
4-Bromofluorobenzene (S)	%	97	70-130		10/04/22 15:20	
Toluene-d8 (S)	%	99	70-130		10/04/22 15:20	

LABORATORY CONTROL SAMPLE: 3790042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	70-130	
1,1,1-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.7	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	46.8	94	70-130	
1,1-Dichloroethene	ug/L	50	49.9	100	70-130	
1,1-Dichloropropene	ug/L	50	50.8	102	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.0	106	70-130	
1,2,3-Trichloropropane	ug/L	50	52.9	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	70-130	
1,2-Dichlorobenzene	ug/L	50	52.0	104	70-130	
1,2-Dichloroethane	ug/L	50	50.1	100	70-130	
1,2-Dichloropropane	ug/L	50	49.3	99	70-130	
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,3-Dichloropropane	ug/L	50	50.8	102	70-130	
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-130	
2,2-Dichloropropane	ug/L	50	48.2	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3790042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	96.8	97	70-130	
2-Chlorotoluene	ug/L	50	48.5	97	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	50.1	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.8	100	70-130	
Acetone	ug/L	100	94.9	95	70-130	
Benzene	ug/L	50	47.1	94	70-130	
Bromobenzene	ug/L	50	50.2	100	70-130	
Bromochloromethane	ug/L	50	48.6	97	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	49.2	98	70-130	
Bromomethane	ug/L	50	51.9	104	70-130	
Carbon tetrachloride	ug/L	50	48.3	97	70-130	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	50.3	101	70-130	
Chloroform	ug/L	50	46.7	93	70-130	
Chloromethane	ug/L	50	44.1	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.0	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	
Dibromochloromethane	ug/L	50	48.3	97	70-130	
Dibromomethane	ug/L	50	50.5	101	70-130	
Dichlorodifluoromethane	ug/L	50	44.3	89	70-130	
Diisopropyl ether	ug/L	50	46.9	94	70-130	
Ethylbenzene	ug/L	50	50.9	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.4	103	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	47.7	95	70-130	
Methylene Chloride	ug/L	50	41.3	83	70-130	
Naphthalene	ug/L	50	51.9	104	70-130	
o-Xylene	ug/L	50	48.7	97	70-130	
p-Isopropyltoluene	ug/L	50	51.8	104	70-130	
Styrene	ug/L	50	51.4	103	70-130	
Tetrachloroethene	ug/L	50	49.9	100	70-130	
Toluene	ug/L	50	49.2	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.2	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.2	100	70-130	
Trichloroethene	ug/L	50	52.1	104	70-130	
Trichlorofluoromethane	ug/L	50	53.7	107	70-130	
Vinyl acetate	ug/L	100	99.0	99	70-130	
Vinyl chloride	ug/L	50	44.1	88	70-130	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3790043 3790044

Parameter	Units	92628412011 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	8000	8000	8610	8620	108	108	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	8000	8000	9130	8700	114	109	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	8000	8000	8690	8530	109	107	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	8000	8000	8580	8350	107	104	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	8000	8000	8310	7970	104	100	70-139	4	30	
1,1-Dichloroethene	ug/L	ND	8000	8000	9080	8710	114	109	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	8000	8000	9320	8920	116	112	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	8000	8000	8970	8840	112	110	70-135	1	30	
1,2,3-Trichloropropane	ug/L	ND	8000	8000	8760	8720	110	109	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	574	8000	8000	9330	9160	109	107	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	8000	8000	7860	7790	98	97	65-134	1	30	
1,2-Dichlorobenzene	ug/L	1140	8000	8000	10100	10100	112	112	70-133	0	30	
1,2-Dichloroethane	ug/L	ND	8000	8000	8910	8500	111	106	70-137	5	30	
1,2-Dichloropropane	ug/L	727	8000	8000	9460	9240	109	106	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	8000	8000	9110	8890	114	111	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	8000	8000	8640	8400	108	105	70-143	3	30	
1,4-Dichlorobenzene	ug/L	635	8000	8000	9470	9270	110	108	70-133	2	30	
2,2-Dichloropropane	ug/L	ND	8000	8000	7910	7670	99	96	61-148	3	30	
2-Butanone (MEK)	ug/L	ND	16000	16000	16300	15600	102	98	60-139	4	30	
2-Chlorotoluene	ug/L	ND	8000	8000	8550	8360	107	104	70-144	2	30	
2-Hexanone	ug/L	ND	16000	16000	17200	17200	108	108	65-138	0	30	
4-Chlorotoluene	ug/L	ND	8000	8000	8880	8840	111	110	70-137	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	16000	16000	17100	16700	105	103	65-135	2	30	
Acetone	ug/L	84200	16000	16000	99500	98000	96	86	60-148	2	30	
Benzene	ug/L	2680	8000	8000	11200	10900	106	103	70-151	2	30	
Bromobenzene	ug/L	ND	8000	8000	8760	8580	110	107	70-136	2	30	
Bromochloromethane	ug/L	ND	8000	8000	8660	8330	108	104	70-141	4	30	
Bromodichloromethane	ug/L	ND	8000	8000	8400	8220	105	103	70-138	2	30	
Bromoform	ug/L	ND	8000	8000	7200	7190	90	90	63-130	0	30	
Bromomethane	ug/L	ND	8000	8000	8650	8390	108	105	15-152	3	30	v3
Carbon tetrachloride	ug/L	ND	8000	8000	8960	8590	112	107	70-143	4	30	
Chlorobenzene	ug/L	5350	8000	8000	14400	14300	114	112	70-138	1	30	
Chloroethane	ug/L	ND	8000	8000	9400	8840	118	111	52-163	6	30	
Chloroform	ug/L	738	8000	8000	9080	8880	104	102	70-139	2	30	
Chloromethane	ug/L	ND	8000	8000	7230	7000	90	87	41-139	3	30	
cis-1,2-Dichloroethene	ug/L	ND	8000	8000	8550	8290	107	104	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	8000	8000	8220	8000	103	100	70-137	3	30	
Dibromochloromethane	ug/L	ND	8000	8000	7880	7660	98	96	70-134	3	30	
Dibromomethane	ug/L	ND	8000	8000	8720	8560	109	107	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	8000	8000	7480	7170	93	90	47-155	4	30	
Diisopropyl ether	ug/L	ND	8000	8000	8320	8050	102	98	63-144	3	30	
Ethylbenzene	ug/L	ND	8000	8000	9070	8980	111	110	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	8000	8000	9330	8830	117	110	65-149	5	30	
m&p-Xylene	ug/L	ND	16000	16000	18100	18000	113	113	69-152	0	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3790043 3790044

Parameter	Units	92628412011 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	8000	8000	8280	7950	104	99	54-156	4	30	
Methylene Chloride	ug/L	ND	8000	8000	7810	7490	91	86	42-159	4	30	
Naphthalene	ug/L	ND	8000	8000	8660	8690	108	109	61-148	0	30	
o-Xylene	ug/L	ND	8000	8000	8540	8560	106	106	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	8000	8000	9080	8810	113	110	70-146	3	30	
Styrene	ug/L	ND	8000	8000	8620	8670	108	108	70-135	1	30	
Tetrachloroethene	ug/L	ND	8000	8000	8730	8760	109	110	59-143	0	30	
Toluene	ug/L	3720	8000	8000	12500	12200	110	106	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	8000	8000	8760	8260	110	103	70-146	6	30	
trans-1,3-Dichloropropene	ug/L	ND	8000	8000	8000	7810	100	98	70-135	2	30	
Trichloroethene	ug/L	ND	8000	8000	9330	9120	117	114	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	8000	8000	10000	9450	125	118	70-148	6	30	
Vinyl acetate	ug/L	ND	16000	16000	16600	16000	104	100	49-151	4	30	
Vinyl chloride	ug/L	ND	8000	8000	7610	7360	95	92	70-156	3	30	
Xylene (Total)	ug/L	ND	24000	24000	26600	26600	111	111	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						102	101	70-130			
4-Bromofluorobenzene (S)	%						97	98	70-130			
Toluene-d8 (S)	%						98	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727694 | Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C | Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006

METHOD BLANK: 3789341 Matrix: Water
Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/04/22 15:09	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/04/22 15:09	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/04/22 15:09	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/04/22 15:09	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/04/22 15:09	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/04/22 15:09	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/04/22 15:09	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/04/22 15:09	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/04/22 15:09	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/04/22 15:09	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/04/22 15:09	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/04/22 15:09	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/04/22 15:09	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/04/22 15:09	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/04/22 15:09	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/04/22 15:09	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/04/22 15:09	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/04/22 15:09	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/04/22 15:09	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/04/22 15:09	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/04/22 15:09	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/04/22 15:09	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/04/22 15:09	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/04/22 15:09	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/04/22 15:09	
Acenaphthene	ug/L	ND	10.0	2.0	10/04/22 15:09	
Acenaphthylene	ug/L	ND	10.0	2.0	10/04/22 15:09	
Aniline	ug/L	ND	10.0	1.6	10/04/22 15:09	
Anthracene	ug/L	ND	10.0	2.3	10/04/22 15:09	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/04/22 15:09	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/04/22 15:09	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/04/22 15:09	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/04/22 15:09	
Benzoic Acid	ug/L	ND	50.0	22.0	10/04/22 15:09	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/04/22 15:09	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/04/22 15:09	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/04/22 15:09	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/04/22 15:09	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/04/22 15:09	
Chrysene	ug/L	ND	10.0	2.8	10/04/22 15:09	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

METHOD BLANK: 3789341 Matrix: Water
Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/04/22 15:09	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/04/22 15:09	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/04/22 15:09	
Dibenzofuran	ug/L	ND	10.0	2.1	10/04/22 15:09	
Diethylphthalate	ug/L	ND	10.0	2.0	10/04/22 15:09	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/04/22 15:09	
Fluoranthene	ug/L	ND	10.0	2.2	10/04/22 15:09	
Fluorene	ug/L	ND	10.0	2.1	10/04/22 15:09	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/04/22 15:09	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/04/22 15:09	
Hexachloroethane	ug/L	ND	10.0	1.4	10/04/22 15:09	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/04/22 15:09	
Isophorone	ug/L	ND	10.0	1.7	10/04/22 15:09	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/04/22 15:09	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/04/22 15:09	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/04/22 15:09	
Nitrobenzene	ug/L	ND	10.0	1.9	10/04/22 15:09	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/04/22 15:09	
Phenanthrene	ug/L	ND	10.0	2.0	10/04/22 15:09	
Phenol	ug/L	ND	10.0	1.4	10/04/22 15:09	
Pyrene	ug/L	ND	10.0	2.2	10/04/22 15:09	
2,4,6-Tribromophenol (S)	%	109	10-144		10/04/22 15:09	
2-Fluorobiphenyl (S)	%	49	10-130		10/04/22 15:09	
2-Fluorophenol (S)	%	68	10-130		10/04/22 15:09	
Nitrobenzene-d5 (S)	%	77	10-144		10/04/22 15:09	
Phenol-d6 (S)	%	52	10-130		10/04/22 15:09	
Terphenyl-d14 (S)	%	136	34-163		10/04/22 15:09	

LABORATORY CONTROL SAMPLE: 3789342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	36.7	73	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.9	76	28-130	
2,4,5-Trichlorophenol	ug/L	50	40.6	81	35-130	
2,4,6-Trichlorophenol	ug/L	50	40.0	80	31-130	
2,4-Dichlorophenol	ug/L	50	37.2	74	35-130	
2,4-Dimethylphenol	ug/L	50	42.3	85	34-130	
2,4-Dinitrophenol	ug/L	250	139	56	10-153	
2,4-Dinitrotoluene	ug/L	50	44.3	89	37-136	
2,6-Dinitrotoluene	ug/L	50	45.0	90	33-136	
2-Chloronaphthalene	ug/L	50	39.2	78	26-130	
2-Chlorophenol	ug/L	50	36.5	73	37-130	
2-Methylnaphthalene	ug/L	50	34.5	69	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	34.5	69	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3789342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	78.5	78	37-130	
2-Nitrophenol	ug/L	50	37.8	76	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	32.2	64	34-130	
3,3'-Dichlorobenzidine	ug/L	100	81.9	82	34-136	
3-Nitroaniline	ug/L	100	87.1	87	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	85.0	85	21-157	
4-Bromophenylphenyl ether	ug/L	50	41.4	83	38-130	
4-Chloro-3-methylphenol	ug/L	100	75.1	75	37-130	
4-Chloroaniline	ug/L	100	77.0	77	38-130	
4-Chlorophenylphenyl ether	ug/L	50	38.9	78	33-130	
4-Nitroaniline	ug/L	100	83.1	83	42-137	
4-Nitrophenol	ug/L	250	115	46	10-130	
Acenaphthene	ug/L	50	40.8	82	33-130	
Acenaphthylene	ug/L	50	40.7	81	35-130	
Aniline	ug/L	50	29.9	60	22-130	
Anthracene	ug/L	50	40.8	82	48-130	
Benzo(a)anthracene	ug/L	50	43.2	86	48-137	
Benzo(b)fluoranthene	ug/L	50	43.3	87	52-138	
Benzo(g,h,i)perylene	ug/L	50	42.2	84	48-140	
Benzo(k)fluoranthene	ug/L	50	45.1	90	48-139	
Benzoic Acid	ug/L	250	62.2	25	10-130	
Benzyl alcohol	ug/L	100	73.5	74	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	37.8	76	34-130	
bis(2-Chloroethyl) ether	ug/L	50	37.1	74	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	48.4	97	32-165	
Butylbenzylphthalate	ug/L	50	48.6	97	34-161	
Chrysene	ug/L	50	43.7	87	47-131	
Di-n-butylphthalate	ug/L	50	42.8	86	39-144	
Di-n-octylphthalate	ug/L	50	49.3	99	30-170	
Dibenz(a,h)anthracene	ug/L	50	43.7	87	49-138	
Dibenzofuran	ug/L	50	41.2	82	33-130	
Diethylphthalate	ug/L	50	42.9	86	38-131	
Dimethylphthalate	ug/L	50	41.9	84	37-130	
Fluoranthene	ug/L	50	43.0	86	46-137	
Fluorene	ug/L	50	42.3	85	37-130	
Hexachlorobenzene	ug/L	50	42.3	85	38-130	
Hexachlorocyclopentadiene	ug/L	50	28.7	57	10-130	
Hexachloroethane	ug/L	50	19.4	39	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	43.7	87	41-130	
Isophorone	ug/L	50	39.5	79	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	40.1	80	36-130	
N-Nitrosodimethylamine	ug/L	50	34.1	68	34-130	
N-Nitrosodiphenylamine	ug/L	50	43.5	87	37-130	
Nitrobenzene	ug/L	50	37.9	76	36-130	
Pentachlorophenol	ug/L	100	82.2	82	23-149	
Phenanthrene	ug/L	50	43.3	87	44-130	
Phenol	ug/L	50	23.9	48	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 J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3789342

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	46.5	93	47-134	
2,4,6-Tribromophenol (S)	%			90	10-144	
2-Fluorobiphenyl (S)	%			77	10-130	
2-Fluorophenol (S)	%			57	10-130	
Nitrobenzene-d5 (S)	%			77	10-144	
Phenol-d6 (S)	%			48	10-130	
Terphenyl-d14 (S)	%			96	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789343 3789344

Parameter	Units	92628850001 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	56.4	38.8	113	78	10-130	37	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	49.3	34.6	99	69	12-142	35	30	R1
2,4,5-Trichlorophenol	ug/L	ND	50	50	60.6	44.3	121	89	10-143	31	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	56.4	41.7	113	83	10-147	30	30	
2,4-Dichlorophenol	ug/L	ND	50	50	58.3	41.7	117	83	10-138	33	30	R1
2,4-Dimethylphenol	ug/L	ND	50	50	79.5	62.1	159	124	25-130	25	30	M1
2,4-Dinitrophenol	ug/L	ND	250	250	106	85.5	42	34	10-165	21	30	
2,4-Dinitrotoluene	ug/L	ND	50	50	77.1	61.8	154	124	29-148	22	30	M1
2,6-Dinitrotoluene	ug/L	ND	50	50	73.6	57.5	147	115	26-146	25	30	M1
2-Chloronaphthalene	ug/L	ND	50	50	56.2	44.4	112	89	11-130	23	30	
2-Chlorophenol	ug/L	ND	50	50	48.9	34.7	98	69	10-133	34	30	R1
2-Methylnaphthalene	ug/L	ND	50	50	56.5	37.8	113	76	13-130	40	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	53.0	39.6	106	79	20-130	29	30	
2-Nitroaniline	ug/L	ND	100	100	144	112	144	112	24-136	25	30	M1
2-Nitrophenol	ug/L	ND	50	50	60.4	42.9	121	86	10-153	34	30	R1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	52.0	40.8	104	82	16-130	24	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	152	116	152	116	10-153	27	30	
3-Nitroaniline	ug/L	ND	100	100	157	124	157	124	22-151	23	30	M1
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	90.5	66.1	91	66	10-180	31	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	58.0	46.2	116	92	25-130	23	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	126	99.6	126	100	25-133	23	30	
4-Chloroaniline	ug/L	ND	100	100	121	94.0	121	94	14-132	25	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	57.6	45.8	115	92	19-130	23	30	
4-Nitroaniline	ug/L	ND	100	100	165	127	165	127	29-150	26	30	M1
4-Nitrophenol	ug/L	ND	250	250	129	116	52	46	10-130	11	30	v1
Acenaphthene	ug/L	ND	50	50	59.1	47.5	118	95	16-130	22	30	
Acenaphthylene	ug/L	ND	50	50	58.5	46.2	117	92	15-137	24	30	
Aniline	ug/L	ND	50	50	45.9	34.2	92	68	10-130	29	30	
Anthracene	ug/L	ND	50	50	57.5	46.7	115	93	37-136	21	30	
Benzo(a)anthracene	ug/L	ND	50	50	67.2	51.7	134	103	40-145	26	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	69.7	54.3	139	109	39-151	25	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	79.1	61.3	158	123	40-147	25	30	M1

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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 J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789343 3789344

Parameter	Units	92628850001 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	67.4	51.8	135	104	40-146	26	30	
Benzoic Acid	ug/L	ND	250	250	34.9J	24.0J	14	10	10-130		30	
Benzyl alcohol	ug/L	ND	100	100	110	84.2	110	84	25-130	26	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	54.8	40.7	110	81	23-130	30	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	48.9	34.6	98	69	25-130	34	30	R1
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	78.4	59.7	157	119	28-166	27	30	
Butylbenzylphthalate	ug/L	ND	50	50	80.6	62.3	161	125	33-165	26	30	
Chrysene	ug/L	ND	50	50	67.7	51.1	135	102	38-141	28	30	
Di-n-butylphthalate	ug/L	ND	50	50	77.6	60.9	155	122	32-153	24	30	M1
Di-n-octylphthalate	ug/L	ND	50	50	74.0	57.6	148	115	30-175	25	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	75.8	58.2	152	116	39-148	26	30	M1
Dibenzofuran	ug/L	ND	50	50	60.1	48.0	120	96	20-130	22	30	
Diethylphthalate	ug/L	ND	50	50	69.8	54.6	140	109	28-142	25	30	
Dimethylphthalate	ug/L	ND	50	50	65.2	53.2	130	106	26-136	20	30	
Fluoranthene	ug/L	ND	50	50	71.1	57.2	142	114	39-143	22	30	
Fluorene	ug/L	ND	50	50	61.1	49.7	122	99	24-132	21	30	
Hexachlorobenzene	ug/L	ND	50	50	60.6	49.4	121	99	29-130	20	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	51.5	32.0	103	64	10-130	47	30	R1
Hexachloroethane	ug/L	ND	50	50	25.0	9.8J	50	20	10-130		30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	76.7	60.9	153	122	39-148	23	30	M1
Isophorone	ug/L	ND	50	50	60.6	47.2	121	94	23-130	25	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	60.9	46.5	122	93	25-130	27	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	42.6	33.8	85	68	22-130	23	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	63.0	50.2	126	100	26-134	23	30	
Nitrobenzene	ug/L	ND	50	50	56.0	39.8	112	80	25-130	34	30	R1
Pentachlorophenol	ug/L	ND	100	100	97.6	65.0	98	65	10-175	40	30	R1
Phenanthrene	ug/L	ND	50	50	63.6	51.6	127	103	36-133	21	30	
Phenol	ug/L	ND	50	50	35.0	27.8	70	56	10-130	23	30	
Pyrene	ug/L	ND	50	50	61.1	47.2	122	94	40-143	26	30	
2,4,6-Tribromophenol (S)	%						121	86	10-144			
2-Fluorobiphenyl (S)	%						97	65	10-130			
2-Fluorophenol (S)	%						65	46	10-130			
Nitrobenzene-d5 (S)	%						105	69	10-144			
Phenol-d6 (S)	%						57	45	10-130			
Terphenyl-d14 (S)	%						119	91	34-163			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727696
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594014, 92628594015, 92628594016, 92628594017, 92628594018, 92628594019, 92628594020, 92628594021

METHOD BLANK: 3789357
Matrix: Water
Associated Lab Samples: 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594014, 92628594015, 92628594016, 92628594017, 92628594018, 92628594019, 92628594020, 92628594021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/04/22 16:01	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/04/22 16:01	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/04/22 16:01	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/04/22 16:01	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/04/22 16:01	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/04/22 16:01	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/04/22 16:01	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/04/22 16:01	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/04/22 16:01	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/04/22 16:01	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/04/22 16:01	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/04/22 16:01	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/04/22 16:01	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/04/22 16:01	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/04/22 16:01	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/04/22 16:01	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/04/22 16:01	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/04/22 16:01	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/04/22 16:01	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/04/22 16:01	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/04/22 16:01	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/04/22 16:01	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/04/22 16:01	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/04/22 16:01	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/04/22 16:01	
Acenaphthene	ug/L	ND	10.0	2.0	10/04/22 16:01	
Acenaphthylene	ug/L	ND	10.0	2.0	10/04/22 16:01	
Aniline	ug/L	ND	10.0	1.6	10/04/22 16:01	
Anthracene	ug/L	ND	10.0	2.3	10/04/22 16:01	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/04/22 16:01	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/04/22 16:01	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/04/22 16:01	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/04/22 16:01	
Benzoic Acid	ug/L	ND	50.0	22.0	10/04/22 16:01	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/04/22 16:01	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/04/22 16:01	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/04/22 16:01	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

METHOD BLANK: 3789357 Matrix: Water

Associated Lab Samples: 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594014, 92628594015, 92628594016, 92628594017, 92628594018, 92628594019, 92628594020, 92628594021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/04/22 16:01	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/04/22 16:01	
Chrysene	ug/L	ND	10.0	2.8	10/04/22 16:01	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/04/22 16:01	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/04/22 16:01	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/04/22 16:01	
Dibenzofuran	ug/L	ND	10.0	2.1	10/04/22 16:01	
Diethylphthalate	ug/L	ND	10.0	2.0	10/04/22 16:01	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/04/22 16:01	
Fluoranthene	ug/L	ND	10.0	2.2	10/04/22 16:01	
Fluorene	ug/L	ND	10.0	2.1	10/04/22 16:01	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/04/22 16:01	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/04/22 16:01	
Hexachloroethane	ug/L	ND	10.0	1.4	10/04/22 16:01	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/04/22 16:01	
Isophorone	ug/L	ND	10.0	1.7	10/04/22 16:01	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/04/22 16:01	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/04/22 16:01	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/04/22 16:01	
Nitrobenzene	ug/L	ND	10.0	1.9	10/04/22 16:01	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/04/22 16:01	
Phenanthrene	ug/L	ND	10.0	2.0	10/04/22 16:01	
Phenol	ug/L	ND	10.0	1.4	10/04/22 16:01	
Pyrene	ug/L	ND	10.0	2.2	10/04/22 16:01	
2,4,6-Tribromophenol (S)	%	96	10-144		10/04/22 16:01	
2-Fluorobiphenyl (S)	%	80	10-130		10/04/22 16:01	
2-Fluorophenol (S)	%	69	10-130		10/04/22 16:01	
Nitrobenzene-d5 (S)	%	91	10-144		10/04/22 16:01	
Phenol-d6 (S)	%	53	10-130		10/04/22 16:01	
Terphenyl-d14 (S)	%	123	34-163		10/04/22 16:01	

LABORATORY CONTROL SAMPLE: 3789358

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	52.7	105	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	51.6	103	28-130	
2,4,5-Trichlorophenol	ug/L	50	60.4	121	35-130	
2,4,6-Trichlorophenol	ug/L	50	60.6	121	31-130	
2,4-Dichlorophenol	ug/L	50	55.8	112	35-130	
2,4-Dimethylphenol	ug/L	50	64.0	128	34-130	
2,4-Dinitrophenol	ug/L	250	262	105	10-153	
2,4-Dinitrotoluene	ug/L	50	66.1	132	37-136	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3789358

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	65.3	131	33-136	
2-Chloronaphthalene	ug/L	50	56.2	112	26-130	
2-Chlorophenol	ug/L	50	50.9	102	37-130	
2-Methylnaphthalene	ug/L	50	51.5	103	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	49.9	100	35-130	
2-Nitroaniline	ug/L	100	119	119	37-130	
2-Nitrophenol	ug/L	50	54.9	110	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	48.8	98	34-130	
3,3'-Dichlorobenzidine	ug/L	100	128	128	34-136	
3-Nitroaniline	ug/L	100	129	129	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	125	125	21-157	
4-Bromophenylphenyl ether	ug/L	50	59.3	119	38-130	
4-Chloro-3-methylphenol	ug/L	100	115	115	37-130	
4-Chloroaniline	ug/L	100	114	114	38-130	
4-Chlorophenylphenyl ether	ug/L	50	56.8	114	33-130	
4-Nitroaniline	ug/L	100	125	125	42-137	
4-Nitrophenol	ug/L	250	184	74	10-130	
Acenaphthene	ug/L	50	59.6	119	33-130	
Acenaphthylene	ug/L	50	58.8	118	35-130	
Aniline	ug/L	50	46.2	92	22-130	
Anthracene	ug/L	50	57.0	114	48-130	
Benzo(a)anthracene	ug/L	50	63.6	127	48-137	
Benzo(b)fluoranthene	ug/L	50	64.0	128	52-138	
Benzo(g,h,i)perylene	ug/L	50	64.8	130	48-140	
Benzo(k)fluoranthene	ug/L	50	66.9	134	48-139	
Benzoic Acid	ug/L	250	151	60	10-130	
Benzyl alcohol	ug/L	100	107	107	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	55.6	111	34-130	
bis(2-Chloroethyl) ether	ug/L	50	53.0	106	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	69.9	140	32-165	
Butylbenzylphthalate	ug/L	50	72.5	145	34-161	
Chrysene	ug/L	50	62.5	125	47-131	
Di-n-butylphthalate	ug/L	50	64.2	128	39-144	
Di-n-octylphthalate	ug/L	50	74.4	149	30-170	
Dibenz(a,h)anthracene	ug/L	50	65.3	131	49-138	
Dibenzofuran	ug/L	50	59.5	119	33-130	
Diethylphthalate	ug/L	50	63.4	127	38-131	
Dimethylphthalate	ug/L	50	61.2	122	37-130	
Fluoranthene	ug/L	50	64.9	130	46-137	
Fluorene	ug/L	50	61.8	124	37-130	
Hexachlorobenzene	ug/L	50	58.9	118	38-130	
Hexachlorocyclopentadiene	ug/L	50	39.8	80	10-130	
Hexachloroethane	ug/L	50	25.7	51	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	66.2	132	41-130	L1
Isophorone	ug/L	50	58.5	117	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	55.9	112	36-130	
N-Nitrosodimethylamine	ug/L	50	47.6	95	34-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

LABORATORY CONTROL SAMPLE: 3789358

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	61.9	124	37-130	
Nitrobenzene	ug/L	50	53.8	108	36-130	
Pentachlorophenol	ug/L	100	124	124	23-149	
Phenanthrene	ug/L	50	63.3	127	44-130	
Phenol	ug/L	50	35.7	71	18-130	
Pyrene	ug/L	50	65.9	132	47-134	
2,4,6-Tribromophenol (S)	%			122	10-144	
2-Fluorobiphenyl (S)	%			100	10-130	
2-Fluorophenol (S)	%			79	10-130	
Nitrobenzene-d5 (S)	%			101	10-144	
Phenol-d6 (S)	%			66	10-130	
Terphenyl-d14 (S)	%			130	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789359 3789360

Parameter	Units	92628594007 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	83.3	83.3	77.9	85.3	93	102	10-130	9	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	83.3	83.3	76.6	75.3	92	90	12-142	2	30	
2,4,5-Trichlorophenol	ug/L	ND	83.3	83.3	88.6	96.1	106	115	10-143	8	30	
2,4,6-Trichlorophenol	ug/L	ND	83.3	83.3	89.2	93.2	107	112	10-147	4	30	
2,4-Dichlorophenol	ug/L	ND	83.3	83.3	82.1	89.9	99	108	10-138	9	30	
2,4-Dimethylphenol	ug/L	ND	83.3	83.3	92.8	99.2	111	119	25-130	7	30	
2,4-Dinitrophenol	ug/L	ND	417	417	370	251	89	60	10-165	39	30	R1
2,4-Dinitrotoluene	ug/L	ND	83.3	83.3	106	111	127	133	29-148	5	30	
2,6-Dinitrotoluene	ug/L	ND	83.3	83.3	101	106	122	127	26-146	4	30	
2-Chloronaphthalene	ug/L	ND	83.3	83.3	80.3	87.0	96	104	11-130	8	30	
2-Chlorophenol	ug/L	ND	83.3	83.3	72.2	74.6	87	90	10-133	3	30	
2-Methylnaphthalene	ug/L	ND	83.3	83.3	74.3	81.4	89	98	13-130	9	30	
2-Methylphenol(o-Cresol)	ug/L	ND	83.3	83.3	70.5	75.5	85	91	20-130	7	30	
2-Nitroaniline	ug/L	ND	167	167	176	193	105	116	24-136	9	30	
2-Nitrophenol	ug/L	ND	83.3	83.3	79.2	82.2	95	99	10-153	4	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	83.3	83.3	71.8	76.8	86	92	16-130	7	30	
3,3'-Dichlorobenzidine	ug/L	ND	167	167	207	218	124	131	10-153	5	30	
3-Nitroaniline	ug/L	ND	167	167	205	222	123	133	22-151	8	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	167	167	197	198	118	119	10-180	0	30	
4-Bromophenylphenyl ether	ug/L	ND	83.3	83.3	91.2	97.3	109	117	25-130	6	30	
4-Chloro-3-methylphenol	ug/L	ND	167	167	171	183	103	110	25-133	7	30	
4-Chloroaniline	ug/L	ND	167	167	166	180	100	108	14-132	8	30	
4-Chlorophenylphenyl ether	ug/L	ND	83.3	83.3	86.5	92.2	104	111	19-130	6	30	
4-Nitroaniline	ug/L	ND	167	167	205	217	123	130	29-150	6	30	
4-Nitrophenol	ug/L	ND	417	417	242	295	58	71	10-130	20	30	
Acenaphthene	ug/L	ND	83.3	83.3	88.9	94.0	107	113	16-130	6	30	
Acenaphthylene	ug/L	ND	83.3	83.3	86.9	92.6	104	111	15-137	6	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789359 3789360

Parameter	Units	92628594007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	83.3	83.3	64.1	64.2	77	77	10-130	0	30	
Anthracene	ug/L	ND	83.3	83.3	91.1	96.1	109	115	37-136	5	30	
Benzo(a)anthracene	ug/L	ND	83.3	83.3	101	107	121	129	40-145	6	30	
Benzo(b)fluoranthene	ug/L	ND	83.3	83.3	106	109	128	130	39-151	2	30	
Benzo(g,h,i)perylene	ug/L	ND	83.3	83.3	110	113	132	136	40-147	2	30	
Benzo(k)fluoranthene	ug/L	ND	83.3	83.3	105	112	126	134	40-146	6	30	
Benzoic Acid	ug/L	ND	417	417	127	104	30	25	10-130	20	30	
Benzyl alcohol	ug/L	ND	167	167	145	160	87	96	25-130	10	30	
bis(2-Chloroethoxy)methane	ug/L	ND	83.3	83.3	80.8	82.7	97	99	23-130	2	30	
bis(2-Chloroethyl) ether	ug/L	ND	83.3	83.3	75.8	77.7	91	93	25-130	2	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	83.3	83.3	114	122	137	146	28-166	7	30	
Butylbenzylphthalate	ug/L	ND	83.3	83.3	113	125	136	151	33-165	10	30	
Chrysene	ug/L	ND	83.3	83.3	100	107	120	128	38-141	6	30	
Di-n-butylphthalate	ug/L	ND	83.3	83.3	102	110	123	132	32-153	7	30	
Di-n-octylphthalate	ug/L	ND	83.3	83.3	118	125	142	150	30-175	6	30	
Dibenz(a,h)anthracene	ug/L	ND	83.3	83.3	108	113	129	135	39-148	5	30	
Dibenzofuran	ug/L	ND	83.3	83.3	89.9	94.6	108	113	20-130	5	30	
Diethylphthalate	ug/L	ND	83.3	83.3	99.7	106	120	127	28-142	6	30	
Dimethylphthalate	ug/L	ND	83.3	83.3	96.0	99.6	115	120	26-136	4	30	
Fluoranthene	ug/L	ND	83.3	83.3	106	111	127	133	39-143	5	30	
Fluorene	ug/L	ND	83.3	83.3	95.0	99.9	114	120	24-132	5	30	
Hexachlorobenzene	ug/L	ND	83.3	83.3	92.7	95.2	111	114	29-130	3	30	
Hexachlorocyclopentadiene	ug/L	ND	83.3	83.3	52.3	60.1	63	72	10-130	14	30	
Hexachloroethane	ug/L	ND	83.3	83.3	25.6	35.2	31	42	10-130	32	30	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	83.3	83.3	110	115	132	138	39-148	4	30	
Isophorone	ug/L	ND	83.3	83.3	86.9	91.7	104	110	23-130	5	30	
N-Nitroso-di-n-propylamine	ug/L	ND	83.3	83.3	81.6	84.3	98	101	25-130	3	30	
N-Nitrosodimethylamine	ug/L	ND	83.3	83.3	63.9	69.8	77	84	22-130	9	30	
N-Nitrosodiphenylamine	ug/L	ND	83.3	83.3	98.9	104	119	125	26-134	5	30	
Nitrobenzene	ug/L	ND	83.3	83.3	75.2	78.9	90	95	25-130	5	30	
Pentachlorophenol	ug/L	ND	167	167	192	205	115	123	10-175	7	30	
Phenanthrene	ug/L	ND	83.3	83.3	100	106	120	127	36-133	5	30	
Phenol	ug/L	ND	83.3	83.3	46.7	54.7	56	66	10-130	16	30	
Pyrene	ug/L	ND	83.3	83.3	105	112	126	135	40-143	7	30	
2,4,6-Tribromophenol (S)	%						107	113	10-144			
2-Fluorobiphenyl (S)	%						82	81	10-130			
2-Fluorophenol (S)	%						63	62	10-130			
Nitrobenzene-d5 (S)	%						88	84	10-144			
Phenol-d6 (S)	%						49	56	10-130			
Terphenyl-d14 (S)	%						117	122	34-163			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727406
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: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006, 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594014, 92628594015, 92628594016, 92628594017, 92628594018, 92628594019, 92628594020

METHOD BLANK: 3787993 Matrix: Water
Associated Lab Samples: 92628594001, 92628594002, 92628594003, 92628594004, 92628594005, 92628594006, 92628594007, 92628594008, 92628594009, 92628594010, 92628594011, 92628594012, 92628594013, 92628594014, 92628594015, 92628594016, 92628594017, 92628594018, 92628594019, 92628594020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/04/22 16:23	
2-Fluorobiphenyl (S)	%	79	61-194		10/04/22 16:23	
Nitrobenzene-d5 (S)	%	101	69-194		10/04/22 16:23	
Terphenyl-d14 (S)	%	87	69-180		10/04/22 16:23	

LABORATORY CONTROL SAMPLE: 3787994

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.6	104	70-130	
2-Fluorobiphenyl (S)	%			91	61-194	
Nitrobenzene-d5 (S)	%			108	69-194	
Terphenyl-d14 (S)	%			98	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787995 3787996

Parameter	Units	92628594001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	4.0	4.2	81	84	11-178	3	30	
2-Fluorobiphenyl (S)	%						85	80	61-194			
Nitrobenzene-d5 (S)	%						94	108	69-194			
Terphenyl-d14 (S)	%						85	79	69-180			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

QC Batch: 727407
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: 92628594021

METHOD BLANK: 3787997 Matrix: Water
Associated Lab Samples: 92628594021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/04/22 15:39	
2-Fluorobiphenyl (S)	%	79	61-194		10/04/22 15:39	
Nitrobenzene-d5 (S)	%	103	69-194		10/04/22 15:39	
Terphenyl-d14 (S)	%	90	69-180		10/04/22 15:39	

LABORATORY CONTROL SAMPLE: 3787998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	96	70-130	
2-Fluorobiphenyl (S)	%			88	61-194	
Nitrobenzene-d5 (S)	%			109	69-194	
Terphenyl-d14 (S)	%			99	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787999 3788000

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	4.6	4.4	93	88	11-178	5	30	
2-Fluorobiphenyl (S)	%						92	85	61-194			
Nitrobenzene-d5 (S)	%						114	104	69-194			
Terphenyl-d14 (S)	%						89	85	69-180			

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
C9	Common Laboratory Contaminant.
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.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Bramlette MGP J22100156
Pace Project No.: 92628594

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628594001	MW-40BR-20220928	EPA 3510C	727694	EPA 8270E	727814
92628594002	MW-22-20220928	EPA 3510C	727694	EPA 8270E	727814
92628594003	MW-5-20220928	EPA 3510C	727694	EPA 8270E	727814
92628594004	MW-41S-20220928	EPA 3510C	727694	EPA 8270E	727814
92628594005	MW-41TZ-20220928	EPA 3510C	727694	EPA 8270E	727814
92628594006	MW-41BR-20220928	EPA 3510C	727694	EPA 8270E	727814
92628594007	MW-13R-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594008	MW-27-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594009	MW-43TZ-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594010	MW-43BR-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594011	MW-42S-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594012	MW-42TZ-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594013	MW-42BR-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594014	MW-36S-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594015	MW-36TZ-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594016	MW-36BR-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594017	MW-37S-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594018	MW-37TZ-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594019	MW-37BC-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594020	DUP-02-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594021	EB-01-20220928	EPA 3510C	727696	EPA 8270E	727815
92628594001	MW-40BR-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594002	MW-22-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594003	MW-5-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594004	MW-41S-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594005	MW-41TZ-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594006	MW-41BR-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594007	MW-13R-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594008	MW-27-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594009	MW-43TZ-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594010	MW-43BR-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594011	MW-42S-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594012	MW-42TZ-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594013	MW-42BR-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594014	MW-36S-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594015	MW-36TZ-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594016	MW-36BR-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594017	MW-37S-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594018	MW-37TZ-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594019	MW-37BC-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594020	DUP-02-20220928	EPA 3511	727406	EPA 8270E by SIM	727729
92628594021	EB-01-20220928	EPA 3511	727407	EPA 8270E by SIM	727727
92628594001	MW-40BR-20220928	EPA 8260D	727324		
92628594002	MW-22-20220928	EPA 8260D	727324		
92628594003	MW-5-20220928	EPA 8260D	727324		
92628594004	MW-41S-20220928	EPA 8260D	727324		
92628594005	MW-41TZ-20220928	EPA 8260D	727324		

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 J22100156
Pace Project No.: 92628594

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628594006	**MW-41BR-20220928**	EPA 8260D	727324		
92628594007	**MW-13R-20220928**	EPA 8260D	727324		
92628594008	**MW-27-20220928**	EPA 8260D	727324		
92628594009	**MW-43TZ-20220928**	EPA 8260D	727324		
92628594010	**MW-43BR-20220928**	EPA 8260D	727324		
92628594011	**MW-42S-20220928**	EPA 8260D	727324		
92628594012	**MW-42TZ-20220928**	EPA 8260D	727324		
92628594013	**MW-42BR-20220928**	EPA 8260D	727324		
92628594014	**MW-36S-20220928**	EPA 8260D	727432		
92628594015	**MW-36TZ-20220928**	EPA 8260D	727432		
92628594016	**MW-36BR-20220928**	EPA 8260D	727324		
92628594017	**MW-37S-20220928**	EPA 8260D	727324		
92628594018	**MW-37TZ-20220928**	EPA 8260D	727324		
92628594019	**MW-37BC-20220928**	EPA 8260D	727773		
92628594020	**DUP-02-20220928**	EPA 8260D	727358		
92628594021	**EB-01-20220928**	EPA 8260D	727359		
92628594022	**TB-03-20220928**	EPA 8260D	727359		
92628594023	**TB-04-20220928**	EPA 8260D	727432		

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

WO# : 92628594

92628594

ALL SHADED AR

Container Preservative Type **

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (
(6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Billing Information:

Martin

Email To: MMartin@geosyntec.com

Site Collection Info/Address: Former Bramlette, MCP SITE

State: SC | County/City: | Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

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

Analysis: _____

box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

		Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270 SIM PAH
8		GW	G	9-28-22	0930				8	X	X	X
					0932							
					1040							
7					1159							
28					1210							
28					1315							
28					1520							
P					1525							
28					0920							
28					1015							

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

LAB USE ONLY:
Lab Sample # / Comments:

ditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

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

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

Lab Tracking #: 2704930

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N
Therm ID#: 92706
Cooler 1 Temp Upon Receipt:
Cooler 1 Therm Corr. Factor:
Cooler 1 Corrected Temp:
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
ture)	9-28-22 1700	Melson Smith	9-28-22 1700
ture)	Date/Time:	Received by/Company: (Signature)	Date/Time: 9/29 1430
ture)	Date/Time: 9/29 1850	Received by/Company: (Signature) J. Perrais / Pace AVL	Date/Time: 9/29/22 1655

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N
HCL MeOH TSP Oth

Non Conformance(s): YES / NO

Page: _ of: _

AVL 9/29/22 2100 4-30-22 ORM

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

RCC

Billing Information:

Martin

Email To:

Site Collection Info/Address: Former Bramlette, MGP Site

State: SC

County/City:

Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

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

Analysis: _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

ox below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270 SIM PAH
	GW	G	9-28-22	1115				8	X	X	X
28				1130							
28				1215							
				1320							
28				1345							
28				1445							
28				1800							
				1605							
28				1615							
28				2000							

ditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2704926

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y
Therm ID#: _____
Cooler 1 Temp Upon Receipt:
Cooler 1 Therm Corr. Factor:
Cooler 1 Corrected Temp:
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
ature)	9-28-22, 1700	Chelsea Smith	9-28-22 1700
ature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 9/29 1430
ature)	Date/Time: 9/29 1658	Y. Perkins/Pace AVL	Date/Time: 9/29/22 1655
	9/29/22 2100		

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N
HCL MeOH TSP O

Non Conformance(s): YES / NO

Page: of: _

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Billing Information:

Email To: MMartin@geosyntec.com

Site Collection Info/Address: Former Bramlette MGP

State: SC | County/City: | Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

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

Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270 Sim PAH
	GW	G	9-28-22	1645				8	X	X	X
	↓	↓	↓	—				2	X		
	↓	↓	↓	—				2	X		

onditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2704931

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y
Therm ID#: _____
Cooler 1 Temp Upon Recei
Cooler 1 Therm Corr. Facto
Cooler 1 Corrected Temp: _
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
ignature)	9-28-22/1700		9-28-22 1700
ignature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 9/29 1930
ignature)	Date/Time: 9/29 1650	Received by/Company: (Signature) T. Perrin/Pace AR	Date/Time: 9/29/22 1655

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y
HCL MeOH TSP

Non Conformance(s): YES / NO

Page 28 of 150

Pa
of

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

***Check all unpreserved Nitrates for chlorine

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3											2	3
2																3											2	3
3																3											2	3
4																3											2	3
5																3											2	3
6																3											2	3
7																3											2	3
8																3											2	3
9																3											2	3
10																3											2	3
11																3											2	3
12																3											2	3

pH Adjustment Log for Preserved Samples

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

North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e.

***Check all unpreserved Nitrates for chlorine

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3											2	2
2																3											2	3
3																3											2	3
4																3											2	3
5																3											2	3
6																3											2	3
7																3											2	3
8																3											2	3
9																3											2	3
10																2												
11																												
12																												

pH Adjustment Log for Preserved Samples

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

...discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e.

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

October 12, 2022

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

RE: Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory between September 29, 2022 and September 30, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

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

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Pace Analytical Services National

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

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92628600001	MW-21BR-20220929	Water	09/29/22 09:33	09/29/22 13:30
92628600002	MW-21BRL-20220929	Water	09/29/22 09:35	09/29/22 13:30
92628600003	MW-38S-20220929	Water	09/29/22 11:05	09/29/22 13:30
92628600004	MW-39S-20220929	Water	09/29/22 13:15	09/29/22 13:30
92628600005	MW-39BR-20220929	Water	09/29/22 13:20	09/29/22 13:30
92628600006	MW-9R-20220929	Water	09/29/22 09:25	09/29/22 13:30
92628600007	MW-7R-20220929	Water	09/29/22 09:30	09/29/22 13:30
92628600008	MW-35S-20220929	Water	09/29/22 11:50	09/29/22 13:30
92628600009	MW-35TZ-20220929	Water	09/29/22 11:50	09/29/22 13:30
92628600010	MW-35BR-20220929	Water	09/29/22 13:00	09/29/22 13:30
92628600011	MW-16-20220929	Water	09/29/22 14:50	09/30/22 13:30
92628600012	DUP-03-20220929	Water	09/29/22 20:00	09/30/22 13:30
92628600013	MW-26-20220929	Water	09/29/22 16:45	09/30/22 13:30
92628600014	MW-38BR-20220929	Water	09/29/22 11:13	09/30/22 13:30
92628600015	MW-39BRL-20220929	Water	09/29/22 14:57	09/30/22 13:30
92628600016	MW-21-20220929	Water	09/29/22 15:15	09/30/22 13:30
92628600017	TB-05-20220929	Water	09/29/22 00:00	09/30/22 13:30
92628600018	TB-06-20220929	Water	09/29/22 00:00	09/30/22 13:30
92628600019	TB-07-20220929	Water	09/29/22 00:00	09/30/22 13:30
92628600020	MW-28-20220929	Water	09/29/22 10:35	09/30/22 11:30
92628600021	MW-15-20220929	Water	09/29/22 15:00	09/30/22 11:30
92628600022	MW-13R-20220928	Water	09/28/22 16:00	09/30/22 11:30

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

SAMPLE ANALYTE COUNT

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92628600001	MW-21BR-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600002	MW-21BRL-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600003	MW-38S-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600004	MW-39S-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600005	MW-39BR-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600006	MW-9R-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600007	MW-7R-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600008	MW-35S-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600009	MW-35TZ-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600010	MW-35BR-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600011	MW-16-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600012	DUP-03-20220929	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600013	MW-26-20220929	EPA 8270E	PKS	67	PASI-C

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

SAMPLE ANALYTE COUNT

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92628600014	**MW-38BR-20220929**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92628600015	**MW-39BRL-20220929**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92628600016	**MW-21-20220929**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A

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

SAMPLE ANALYTE COUNT

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92628600017	**TB-05-20220929**	EPA 8260D	LMB	62	PASI-C
92628600018	**TB-06-20220929**	EPA 8260D	LMB	62	PASI-C
92628600019	**TB-07-20220929**	EPA 8260D	LMB	62	PASI-C
92628600020	**MW-28-20220929**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92628600021	**MW-15-20220929**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92628600022	**MW-13R-20220928**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8260D	LMB	62	PASI-C

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

SAMPLE ANALYTE COUNT

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A

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

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

SUMMARY OF DETECTION

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628600002	**MW-21BRL-20220929**					
EPA 8270E	Acenaphthene	2.1J	ug/L	8.7	10/07/22 09:52	
EPA 8270E	Acenaphthylene	31.4	ug/L	8.7	10/07/22 09:52	
EPA 8270E	2,4-Dimethylphenol	2.6J	ug/L	8.7	10/07/22 09:52	
EPA 8270E	Fluorene	4.0J	ug/L	8.7	10/07/22 09:52	
EPA 8270E	1-Methylnaphthalene	32.6	ug/L	8.7	10/07/22 09:52	
EPA 8270E	2-Methylnaphthalene	38.6	ug/L	8.7	10/07/22 09:52	
EPA 8260D	Benzene	31.7	ug/L	12.5	10/05/22 23:09	
EPA 8260D	Ethylbenzene	47.4	ug/L	12.5	10/05/22 23:09	
EPA 8260D	Naphthalene	1740	ug/L	12.5	10/05/22 23:09	
EPA 8260D	Styrene	164	ug/L	12.5	10/05/22 23:09	
EPA 8260D	Toluene	321	ug/L	12.5	10/05/22 23:09	
EPA 8260D	Xylene (Total)	265	ug/L	12.5	10/05/22 23:09	
EPA 8260D	m&p-Xylene	186	ug/L	25.0	10/05/22 23:09	
EPA 8260D	o-Xylene	78.9	ug/L	12.5	10/05/22 23:09	
92628600004	**MW-39S-20220929**					
EPA 8270E	Acenaphthylene	11.3	ug/L	10.0	10/07/22 10:42	
EPA 8270E	1-Methylnaphthalene	12.2	ug/L	10.0	10/07/22 10:42	
EPA 8270E	2-Methylnaphthalene	14.2	ug/L	10.0	10/07/22 10:42	
92628600005	**MW-39BR-20220929**					
EPA 8260D	1,2-Dichlorobenzene	0.49J	ug/L	1.0	10/03/22 00:19	
EPA 8260D	1,3-Dichlorobenzene	0.84J	ug/L	1.0	10/03/22 00:19	
EPA 8260D	1,4-Dichlorobenzene	0.40J	ug/L	1.0	10/03/22 00:19	
92628600006	**MW-9R-20220929**					
EPA 8260D	Chloroform	0.53J	ug/L	1.0	10/03/22 00:00	
EPA 8260D	Methyl-tert-butyl ether	0.67J	ug/L	1.0	10/03/22 00:00	
92628600007	**MW-7R-20220929**					
EPA 8260D	Benzene	3.9	ug/L	1.0	10/02/22 23:42	
EPA 8260D	Methyl-tert-butyl ether	0.70J	ug/L	1.0	10/02/22 23:42	
EPA 8260D	Naphthalene	14.0	ug/L	1.0	10/02/22 23:42	
92628600011	**MW-16-20220929**					
EPA 8260D	cis-1,2-Dichloroethene	0.91J	ug/L	1.0	10/02/22 21:17	
92628600014	**MW-38BR-20220929**					
RSK-175	Methane	78.0	ug/L	10.0	10/11/22 11:04	
EPA 6010D	Iron	422	ug/L	50.0	10/07/22 12:56	
EPA 6010D	Manganese	105	ug/L	5.0	10/07/22 12:56	
EPA 6010D	Manganese, Dissolved	78.0	ug/L	5.0	10/08/22 12:20	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	114	mg/L	5.0	10/06/22 12:29	
EPA 300.0 Rev 2.1 1993	Sulfate	10	mg/L	1.0	10/01/22 12:35	
EPA 9060A	Total Organic Carbon	1.1	mg/L	1.0	10/05/22 10:07	
EPA 9060A	Total Organic Carbon	0.53J	mg/L	1.0	10/05/22 10:07	
EPA 9060A	Mean Total Organic Carbon	0.61J	mg/L	1.0	10/05/22 10:07	
SM 4500-CO2 D-2011	Carbon dioxide	106	mg/L	5.0	10/10/22 21:47	N2

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628600015	**MW-39BRL-20220929**					
EPA 6010D	Manganese	9.3	ug/L	5.0	10/07/22 12:59	
EPA 6010D	Manganese, Dissolved	6.0	ug/L	5.0	10/08/22 12:24	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	175	mg/L	5.0	10/06/22 12:37	
SM 4500-S2D-2011	Sulfide	0.15	mg/L	0.10	10/04/22 02:46	
EPA 300.0 Rev 2.1 1993	Sulfate	129	mg/L	3.0	10/01/22 16:43	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.043J	mg/L	0.10	10/03/22 15:47	
EPA 9060A	Total Organic Carbon	13.1	mg/L	1.0	10/05/22 10:25	
EPA 9060A	Total Organic Carbon	13.0	mg/L	1.0	10/05/22 10:25	
EPA 9060A	Total Organic Carbon	13.0	mg/L	1.0	10/05/22 10:25	
EPA 9060A	Total Organic Carbon	13.1	mg/L	1.0	10/05/22 10:25	
EPA 9060A	Mean Total Organic Carbon	13.0	mg/L	1.0	10/05/22 10:25	
SM 4500-CO2 D-2011	Carbon dioxide	149	mg/L	5.0	10/10/22 21:47	N2
92628600016	**MW-21-20220929**					
EPA 6010D	Iron	20700	ug/L	50.0	10/07/22 13:03	
EPA 6010D	Manganese	428	ug/L	5.0	10/07/22 13:03	
EPA 6010D	Iron, Dissolved	2010	ug/L	50.0	10/08/22 12:27	P4
EPA 6010D	Manganese, Dissolved	324	ug/L	5.0	10/08/22 12:27	P4
EPA 8260D	Benzene	0.38J	ug/L	1.0	10/02/22 22:30	
EPA 8260D	Ethylbenzene	0.33J	ug/L	1.0	10/02/22 22:30	
EPA 8260D	Naphthalene	3.2	ug/L	1.0	10/02/22 22:30	
SM 2320B-2011	Alkalinity, Total as CaCO3	307	mg/L	5.0	10/06/22 15:07	M1
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.56	mg/L	0.10	10/03/22 15:48	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.060	mg/L	0.040	10/03/22 12:24	M1
EPA 9060A	Total Organic Carbon	4.6	mg/L	1.0	10/05/22 10:44	
EPA 9060A	Total Organic Carbon	4.4	mg/L	1.0	10/05/22 10:44	
EPA 9060A	Total Organic Carbon	4.5	mg/L	1.0	10/05/22 10:44	
EPA 9060A	Total Organic Carbon	4.5	mg/L	1.0	10/05/22 10:44	
EPA 9060A	Mean Total Organic Carbon	4.5	mg/L	1.0	10/05/22 10:44	
SM 4500-CO2 D-2011	Carbon dioxide	319	mg/L	5.0	10/10/22 21:47	N2
92628600017	**TB-05-20220929**					
EPA 8260D	Acetone	71.8	ug/L	25.0	10/01/22 22:49	
EPA 8260D	Methylene Chloride	2.0J	ug/L	5.0	10/01/22 22:49	C9
92628600018	**TB-06-20220929**					
EPA 8260D	Acetone	41.1	ug/L	25.0	10/01/22 23:07	
EPA 8260D	Methylene Chloride	4.3J	ug/L	5.0	10/01/22 23:07	C9
92628600019	**TB-07-20220929**					
EPA 8260D	Acetone	43.1	ug/L	25.0	10/02/22 20:05	
EPA 8260D	Methylene Chloride	5.0	ug/L	5.0	10/02/22 20:05	C9
92628600020	**MW-28-20220929**					
EPA 6010D	Iron	783	ug/L	50.0	10/07/22 13:24	
EPA 6010D	Manganese	295	ug/L	5.0	10/07/22 13:24	
EPA 6010D	Iron, Dissolved	169	ug/L	50.0	10/08/22 12:41	P4
EPA 6010D	Manganese, Dissolved	212	ug/L	5.0	10/08/22 12:41	P4
EPA 8260D	Methyl-tert-butyl ether	0.57J	ug/L	1.0	10/03/22 01:21	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92628600020	**MW-28-20220929**					
SM 2320B-2011	Alkalinity, Total as CaCO3	43.2	mg/L	5.0	10/06/22 13:28	
EPA 300.0 Rev 2.1 1993	Sulfate	22.0	mg/L	1.0	10/01/22 13:52	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.087	mg/L	0.040	10/03/22 12:30	
EPA 9060A	Total Organic Carbon	0.82J	mg/L	1.0	10/05/22 11:43	
EPA 9060A	Total Organic Carbon	0.52J	mg/L	1.0	10/05/22 11:43	
EPA 9060A	Total Organic Carbon	0.50J	mg/L	1.0	10/05/22 11:43	
EPA 9060A	Mean Total Organic Carbon	0.58J	mg/L	1.0	10/05/22 11:43	
SM 4500-CO2 D-2011	Carbon dioxide	48.6	mg/L	5.0	10/10/22 21:47	N2
92628600021	**MW-15-20220929**					
SM 2320B-2011	Alkalinity, Total as CaCO3	16.0	mg/L	5.0	10/06/22 13:34	
EPA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	10/01/22 14:08	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	7.1	mg/L	0.12	10/03/22 12:50	
SM 4500-CO2 D-2011	Carbon dioxide	29.4	mg/L	5.0	10/10/22 21:47	N2
92628600022	**MW-13R-20220928**					
EPA 6010D	Iron	104	ug/L	50.0	10/07/22 13:38	
EPA 6010D	Manganese	352	ug/L	5.0	10/07/22 13:38	
EPA 6010D	Manganese, Dissolved	251	ug/L	5.0	10/08/22 12:55	P4
EPA 300.0 Rev 2.1 1993	Sulfate	31.1	mg/L	1.0	10/01/22 14:54	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.045J	mg/L	0.10	10/03/22 15:58	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	1.4	mg/L	0.040	10/03/22 12:32	
EPA 9060A	Total Organic Carbon	0.96J	mg/L	1.0	10/05/22 12:55	
EPA 9060A	Total Organic Carbon	0.96J	mg/L	1.0	10/05/22 12:55	
EPA 9060A	Total Organic Carbon	1.0	mg/L	1.0	10/05/22 12:55	
EPA 9060A	Total Organic Carbon	1.0	mg/L	1.0	10/05/22 12:55	
EPA 9060A	Mean Total Organic Carbon	0.99J	mg/L	1.0	10/05/22 12:55	
SM 4500-CO2 D-2011	Carbon dioxide	28.7	mg/L	5.0	10/10/22 21:47	N2

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **RSK-175**
Description: VOA (GC) RSK175
Client: Duke Energy
Date: October 12, 2022

General Information:
6 samples were analyzed for RSK-175 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: October 12, 2022

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

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 6010D**
Description: 6010 MET ICP, Lab Filtered
Client: Duke Energy
Date: October 12, 2022

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

P4: Sample field preservation does not meet EPA or method recommendations for this analysis.
- MW-13R-20220928 (Lab ID: 92628600022)
- MW-15-20220929 (Lab ID: 92628600021)
- MW-21-20220929 (Lab ID: 92628600016)
- MW-28-20220929 (Lab ID: 92628600020)
- MW-38BR-20220929 (Lab ID: 92628600014)
- MW-39BRL-20220929 (Lab ID: 92628600015)

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 12, 2022

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

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

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

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

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

QC Batch: 728296

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MW-15-20220929 (Lab ID: 92628600021)
  - 2,4-Dinitrotoluene
  - 3-Nitroaniline
  - 4-Nitroaniline
  - 4-Nitrophenol

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

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

QC Batch: 728296

S0: Surrogate recovery outside laboratory control limits.

- DUP-03-20220929 (Lab ID: 92628600012)
  - 2-Fluorobiphenyl (S)
- MW-15-20220929 (Lab ID: 92628600021)
  - 2-Fluorobiphenyl (S)
- MW-16-20220929 (Lab ID: 92628600011)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
- MW-26-20220929 (Lab ID: 92628600013)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)

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9800 Kincey Ave. Suite 100
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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 12, 2022

QC Batch: 728296

S0: Surrogate recovery outside laboratory control limits.
- Phenol-d6 (S)
- MW-28-20220929 (Lab ID: 92628600020)
  - 2-Fluorobiphenyl (S)
- MW-35BR-20220929 (Lab ID: 92628600010)
  - 2-Fluorobiphenyl (S)
- MW-38BR-20220929 (Lab ID: 92628600014)
  - 2-Fluorobiphenyl (S)
- MW-39BRL-20220929 (Lab ID: 92628600015)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)
  - Nitrobenzene-d5 (S)

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

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

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

QC Batch: 728296

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628600005

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS (Lab ID: 3792543)
  - Benzoic Acid
  - Hexachloroethane
- MSD (Lab ID: 3792544)
  - Benzoic Acid
  - Hexachloroethane

Additional Comments:

Analyte Comments:

QC Batch: 728296

1g: Re-extraction conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.
- MW-26-20220929 (Lab ID: 92628600013)
  - Nitrobenzene-d5 (S)
- MW-39BRL-20220929 (Lab ID: 92628600015)
  - Nitrobenzene-d5 (S)

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

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 12, 2022

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

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

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

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

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

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

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

QC Batch: 727407

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

- MW-21BRL-20220929 (Lab ID: 92628600002)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 12, 2022

Analyte Comments:

QC Batch: 727407

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

- MW-21BRL-20220929 (Lab ID: 92628600002)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 12, 2022

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

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

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

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

QC Batch: 727349

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- DUP (Lab ID: 3787812)
  - 1,2,3-Trichlorobenzene
  - Naphthalene
- MS (Lab ID: 3787813)
  - 1,2,3-Trichlorobenzene
  - Naphthalene

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: 3787810)
  - Bromomethane
  - Chloromethane
- DUP (Lab ID: 3787812)
  - Bromomethane
- TB-05-20220929 (Lab ID: 92628600017)
  - Bromomethane
  - Chloromethane
- TB-06-20220929 (Lab ID: 92628600018)
  - Bromomethane
  - Chloromethane

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

- LCS (Lab ID: 3787811)
  - Bromomethane
  - Chloromethane
- MS (Lab ID: 3787813)
  - Bromomethane

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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 12, 2022

QC Batch: 727357

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: 3787839)
  - Chloromethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane
- MW-13R-20220928 (Lab ID: 92628600022)
  - Chloromethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane
- MW-15-20220929 (Lab ID: 92628600021)
  - Chloromethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane
- MW-28-20220929 (Lab ID: 92628600020)
  - Chloromethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane

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: 3787840)
  - Chloromethane
  - Dichlorodifluoromethane
  - Trichlorofluoromethane

QC Batch: 727358

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: 3787843)
  - Bromomethane
- MW-16-20220929 (Lab ID: 92628600011)
  - Bromomethane
- MW-21-20220929 (Lab ID: 92628600016)
  - Bromomethane
- MW-21BR-20220929 (Lab ID: 92628600001)
  - Bromomethane
- MW-26-20220929 (Lab ID: 92628600013)
  - Bromomethane
- MW-35BR-20220929 (Lab ID: 92628600010)
  - Bromomethane
- MW-35S-20220929 (Lab ID: 92628600008)
  - Bromomethane
- MW-35TZ-20220929 (Lab ID: 92628600009)
  - Bromomethane
- MW-38BR-20220929 (Lab ID: 92628600014)
  - Bromomethane

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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 12, 2022

QC Batch: 727358

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- MW-38S-20220929 (Lab ID: 92628600003)
  - Bromomethane
- MW-39BR-20220929 (Lab ID: 92628600005)
  - Bromomethane
- MW-39BRL-20220929 (Lab ID: 92628600015)
  - Bromomethane
- MW-39S-20220929 (Lab ID: 92628600004)
  - Bromomethane
- MW-7R-20220929 (Lab ID: 92628600007)
  - Bromomethane
- MW-9R-20220929 (Lab ID: 92628600006)
  - Bromomethane

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

- LCS (Lab ID: 3787844)
  - Bromomethane
- MS (Lab ID: 3787845)
  - Bromomethane
  - Chloromethane
- MS (Lab ID: 3788964)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3787846)
  - Bromomethane
  - Chloromethane
- MSD (Lab ID: 3788965)
  - Bromomethane
  - Chloromethane

QC Batch: 727359

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: 3787847)
  - Bromomethane
  - Chloroethane
- DUP-03-20220929 (Lab ID: 92628600012)
  - Bromomethane
  - Chloroethane
- TB-07-20220929 (Lab ID: 92628600019)
  - Bromomethane
  - Chloroethane

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

- LCS (Lab ID: 3787848)

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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 12, 2022

QC Batch: 727359

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

- Bromomethane
- Chloroethane
- MS (Lab ID: 3787849)
  - Bromomethane
- MSD (Lab ID: 3787850)
  - Bromomethane

QC Batch: 727774

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3790047)
  - Acetone
- LCS (Lab ID: 3790048)
  - Acetone
- MW-21BRL-20220929 (Lab ID: 92628600002)
  - Acetone

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: 3790049)
  - Bromomethane
- MSD (Lab ID: 3790050)
  - Bromomethane

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

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

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

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

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

QC Batch: 727357

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628587003

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

- MSD (Lab ID: 3787842)
  - 1,1,1-Trichloroethane

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 12, 2022

QC Batch: 727357

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628587003

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

- 1,2-Dichloroethane
- Chloroform

R1: RPD value was outside control limits.

- MSD (Lab ID: 3787842)
  - 1,1,1,2-Tetrachloroethane
  - 1,1,1-Trichloroethane
  - 1,1,2-Trichloroethane
  - 1,1-Dichloroethane
  - 1,1-Dichloroethene
  - 1,1-Dichloropropene
  - 1,2-Dichloroethane
  - 1,3-Dichlorobenzene
  - 1,3-Dichloropropane
  - 2,2-Dichloropropane
  - 2-Butanone (MEK)
  - Bromochloromethane
  - Bromoform
  - Chloroform
  - Chloromethane
  - Dibromochloromethane
  - Dichlorodifluoromethane
  - Diisopropyl ether
  - Methyl-tert-butyl ether
  - Methylene Chloride
  - Styrene
  - Tetrachloroethene
  - Trichloroethene
  - Trichlorofluoromethane
  - Vinyl acetate
  - Vinyl chloride
  - cis-1,2-Dichloroethene
  - cis-1,3-Dichloropropene
  - trans-1,2-Dichloroethene

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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 12, 2022

Analyte Comments:

QC Batch: 727349

C0: Result confirmed by second analysis.
- TB-05-20220929 (Lab ID: 92628600017)
  - 4-Bromofluorobenzene (S)
- TB-06-20220929 (Lab ID: 92628600018)
  - 4-Bromofluorobenzene (S)

C9: Common Laboratory Contaminant.
- TB-05-20220929 (Lab ID: 92628600017)
  - Methylene Chloride
- TB-06-20220929 (Lab ID: 92628600018)
  - Methylene Chloride

QC Batch: 727359

C0: Result confirmed by second analysis.
- TB-07-20220929 (Lab ID: 92628600019)
  - 4-Bromofluorobenzene (S)

C9: Common Laboratory Contaminant.
- TB-07-20220929 (Lab ID: 92628600019)
  - Methylene Chloride

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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: October 12, 2022

General Information:
6 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

QC Batch: 728312

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628600016,92628849001

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

- MS (Lab ID: 3792640)
  - Alkalinity, Total as CaCO3
- MSD (Lab ID: 3792641)
  - Alkalinity, Total as CaCO3

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: October 12, 2022

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

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

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

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

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

QC Batch: 727593

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628600016,92628849002

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

- MS (Lab ID: 3789011)
  - Sulfide
- MSD (Lab ID: 3789012)
  - Sulfide

R1: RPD value was outside control limits.

- MSD (Lab ID: 3789012)
  - Sulfide

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: October 12, 2022

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

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

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

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

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

Additional Comments:

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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: October 12, 2022

General Information:
6 samples were analyzed for EPA 350.1 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: October 12, 2022

General Information:
6 samples were analyzed for EPA 353.2 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

QC Batch: 727380

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628520003,92628600016

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

- MS (Lab ID: 3787924)
  - Nitrogen, NO2 plus NO3
- MS (Lab ID: 3787926)
  - Nitrogen, NO2 plus NO3
- MSD (Lab ID: 3787925)
  - Nitrogen, NO2 plus NO3
- MSD (Lab ID: 3787927)
  - Nitrogen, NO2 plus NO3

Additional Comments:

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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: October 12, 2022

General Information:
6 samples were analyzed for EPA 9060A by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: October 12, 2022

General Information:
6 samples were analyzed for SM 4500-CO2 D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BR-20220929 **Lab ID: 92628600001** Collected: 09/29/22 09:33 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 09:27	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 09:27	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 09:27	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/06/22 16:54	10/07/22 09:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 09:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 09:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 09:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 09:27	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/06/22 16:54	10/07/22 09:27	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/06/22 16:54	10/07/22 09:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 09:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/06/22 16:54	10/07/22 09:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/06/22 16:54	10/07/22 09:27	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/06/22 16:54	10/07/22 09:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 09:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 09:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 09:27	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 09:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 09:27	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 09:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 09:27	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 09:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/06/22 16:54	10/07/22 09:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 09:27	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 09:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 09:27	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 09:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 09:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/06/22 16:54	10/07/22 09:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/06/22 16:54	10/07/22 09:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 09:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 09:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/06/22 16:54	10/07/22 09:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/06/22 16:54	10/07/22 09:27	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 09:27	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 09:27	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 09:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 09:27	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 09:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 09:27	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 09:27	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 09:27	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 09:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 09:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 09:27	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BR-20220929 **Lab ID: 92628600001** Collected: 09/29/22 09:33 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/06/22 16:54	10/07/22 09:27	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 09:27	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/06/22 16:54	10/07/22 09:27	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 09:27	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 09:27	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/06/22 16:54	10/07/22 09:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 09:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 09:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 09:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/06/22 16:54	10/07/22 09:27	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 09:27	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 09:27	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 09:27	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 09:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 09:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 09:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	10-144		1	10/06/22 16:54	10/07/22 09:27	4165-60-0	
2-Fluorobiphenyl (S)	34	%	10-130		1	10/06/22 16:54	10/07/22 09:27	321-60-8	
Terphenyl-d14 (S)	91	%	34-163		1	10/06/22 16:54	10/07/22 09:27	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	10/06/22 16:54	10/07/22 09:27	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	10/06/22 16:54	10/07/22 09:27	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-144		1	10/06/22 16:54	10/07/22 09:27	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:23	10/05/22 19:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	10/03/22 14:23	10/05/22 19:00	4165-60-0	
2-Fluorobiphenyl (S)	72	%	61-194		1	10/03/22 14:23	10/05/22 19:00	321-60-8	
Terphenyl-d14 (S)	89	%	69-180		1	10/03/22 14:23	10/05/22 19:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 01:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 01:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 01:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 01:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 01:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 01:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 01:13	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 01:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 01:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 01:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 01:13	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BR-20220929 **Lab ID: 92628600001** Collected: 09/29/22 09:33 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 01:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 01:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 01:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 01:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 01:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 01:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 01:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 01:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 01:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 01:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 01:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 01:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 01:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 01:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 01:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 01:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 01:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 01:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 01:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 01:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 01:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 01:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 01:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 01:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 01:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 01:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 01:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 01:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 01:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 01:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 01:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 01:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 01:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 01:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 01:13	75-01-4	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BR-20220929 **Lab ID: 92628600001** Collected: 09/29/22 09:33 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/03/22 01:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 01:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 01:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/03/22 01:13	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/03/22 01:13	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/03/22 01:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BRL-20220929 **Lab ID: 92628600002** Collected: 09/29/22 09:35 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	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	**2.1J**	ug/L	8.7	1.7	1	10/06/22 16:54	10/07/22 09:52	83-32-9	
Acenaphthylene	**31.4**	ug/L	8.7	1.7	1	10/06/22 16:54	10/07/22 09:52	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/06/22 16:54	10/07/22 09:52	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/06/22 16:54	10/07/22 09:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/06/22 16:54	10/07/22 09:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/06/22 16:54	10/07/22 09:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/06/22 16:54	10/07/22 09:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/06/22 16:54	10/07/22 09:52	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/06/22 16:54	10/07/22 09:52	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/06/22 16:54	10/07/22 09:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/06/22 16:54	10/07/22 09:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/06/22 16:54	10/07/22 09:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/06/22 16:54	10/07/22 09:52	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/06/22 16:54	10/07/22 09:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/06/22 16:54	10/07/22 09:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/06/22 16:54	10/07/22 09:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/06/22 16:54	10/07/22 09:52	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/06/22 16:54	10/07/22 09:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/06/22 16:54	10/07/22 09:52	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/06/22 16:54	10/07/22 09:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/06/22 16:54	10/07/22 09:52	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/06/22 16:54	10/07/22 09:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/06/22 16:54	10/07/22 09:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/06/22 16:54	10/07/22 09:52	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/06/22 16:54	10/07/22 09:52	84-66-2	
2,4-Dimethylphenol	**2.6J**	ug/L	8.7	1.5	1	10/06/22 16:54	10/07/22 09:52	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/06/22 16:54	10/07/22 09:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/06/22 16:54	10/07/22 09:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/06/22 16:54	10/07/22 09:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/06/22 16:54	10/07/22 09:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/06/22 16:54	10/07/22 09:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/06/22 16:54	10/07/22 09:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/06/22 16:54	10/07/22 09:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/06/22 16:54	10/07/22 09:52	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/06/22 16:54	10/07/22 09:52	206-44-0	
Fluorene	**4.0J**	ug/L	8.7	1.8	1	10/06/22 16:54	10/07/22 09:52	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/06/22 16:54	10/07/22 09:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/06/22 16:54	10/07/22 09:52	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/06/22 16:54	10/07/22 09:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/06/22 16:54	10/07/22 09:52	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/06/22 16:54	10/07/22 09:52	78-59-1	
1-Methylnaphthalene	**32.6**	ug/L	8.7	1.8	1	10/06/22 16:54	10/07/22 09:52	90-12-0	
2-Methylnaphthalene	**38.6**	ug/L	8.7	1.6	1	10/06/22 16:54	10/07/22 09:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/06/22 16:54	10/07/22 09:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/06/22 16:54	10/07/22 09:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BRL-20220929 **Lab ID: 92628600002** Collected: 09/29/22 09:35 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/06/22 16:54	10/07/22 09:52	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/06/22 16:54	10/07/22 09:52	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/06/22 16:54	10/07/22 09:52	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/06/22 16:54	10/07/22 09:52	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/06/22 16:54	10/07/22 09:52	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/06/22 16:54	10/07/22 09:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/06/22 16:54	10/07/22 09:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/06/22 16:54	10/07/22 09:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/06/22 16:54	10/07/22 09:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/06/22 16:54	10/07/22 09:52	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/06/22 16:54	10/07/22 09:52	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/06/22 16:54	10/07/22 09:52	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/06/22 16:54	10/07/22 09:52	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/06/22 16:54	10/07/22 09:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/06/22 16:54	10/07/22 09:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/06/22 16:54	10/07/22 09:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-144		1	10/06/22 16:54	10/07/22 09:52	4165-60-0	
2-Fluorobiphenyl (S)	25	%	10-130		1	10/06/22 16:54	10/07/22 09:52	321-60-8	
Terphenyl-d14 (S)	70	%	34-163		1	10/06/22 16:54	10/07/22 09:52	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	10/06/22 16:54	10/07/22 09:52	13127-88-3	
2-Fluorophenol (S)	36	%	10-130		1	10/06/22 16:54	10/07/22 09:52	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-144		1	10/06/22 16:54	10/07/22 09:52	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	1.0	0.43	10	10/03/22 14:23	10/05/22 20:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/03/22 14:23	10/05/22 20:27	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/03/22 14:23	10/05/22 20:27	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/03/22 14:23	10/05/22 20:27	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	312	63.9	12.5		10/05/22 23:09	67-64-1	v1
Benzene	**31.7**	ug/L	12.5	4.3	12.5		10/05/22 23:09	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		10/05/22 23:09	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		10/05/22 23:09	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		10/05/22 23:09	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		10/05/22 23:09	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		10/05/22 23:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		10/05/22 23:09	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		10/05/22 23:09	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		10/05/22 23:09	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		10/05/22 23:09	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BRL-20220929 **Lab ID: 92628600002** Collected: 09/29/22 09:35 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	12.5	5.4	12.5		10/05/22 23:09	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		10/05/22 23:09	74-87-3	
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		10/05/22 23:09	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		10/05/22 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		10/05/22 23:09	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		10/05/22 23:09	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		10/05/22 23:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		10/05/22 23:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		10/05/22 23:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		10/05/22 23:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		10/05/22 23:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		10/05/22 23:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		10/05/22 23:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		10/05/22 23:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		10/05/22 23:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		10/05/22 23:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		10/05/22 23:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		10/05/22 23:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		10/05/22 23:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		10/05/22 23:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		10/05/22 23:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		10/05/22 23:09	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		10/05/22 23:09	108-20-3	
Ethylbenzene	**47.4**	ug/L	12.5	3.8	12.5		10/05/22 23:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		10/05/22 23:09	87-68-3	
2-Hexanone	ND	ug/L	62.5	6.0	12.5		10/05/22 23:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		10/05/22 23:09	99-87-6	
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		10/05/22 23:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		10/05/22 23:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		10/05/22 23:09	1634-04-4	
Naphthalene	**1740**	ug/L	12.5	8.1	12.5		10/05/22 23:09	91-20-3	
Styrene	**164**	ug/L	12.5	3.6	12.5		10/05/22 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		10/05/22 23:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		10/05/22 23:09	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		10/05/22 23:09	127-18-4	
Toluene	**321**	ug/L	12.5	6.1	12.5		10/05/22 23:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		10/05/22 23:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		10/05/22 23:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		10/05/22 23:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		10/05/22 23:09	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		10/05/22 23:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		10/05/22 23:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		10/05/22 23:09	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		10/05/22 23:09	108-05-4	
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		10/05/22 23:09	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21BRL-20220929 **Lab ID: 92628600002** Collected: 09/29/22 09:35 Received: 09/29/22 13:30 Matrix: Water

Parameters	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)	**265**	ug/L	12.5	4.2	12.5		10/05/22 23:09	1330-20-7	
m&p-Xylene	**186**	ug/L	25.0	8.9	12.5		10/05/22 23:09	179601-23-1	
o-Xylene	**78.9**	ug/L	12.5	4.2	12.5		10/05/22 23:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		12.5		10/05/22 23:09	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		12.5		10/05/22 23:09	17060-07-0	
Toluene-d8 (S)	102	%	70-130		12.5		10/05/22 23:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38S-20220929 **Lab ID: 92628600003** Collected: 09/29/22 11:05 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 10:17	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 10:17	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 10:17	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 10:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 10:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 10:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 10:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 10:17	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 10:17	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 10:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 10:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 10:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 10:17	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 10:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 10:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 10:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 10:17	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 10:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 10:17	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 10:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 10:17	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 10:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 10:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 10:17	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 10:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 10:17	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 10:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 10:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 10:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 10:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 10:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 10:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 10:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 10:17	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 10:17	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 10:17	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 10:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 10:17	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 10:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 10:17	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 10:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 10:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 10:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 10:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 10:17	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38S-20220929 **Lab ID: 92628600003** Collected: 09/29/22 11:05 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 10:17	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 10:17	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 10:17	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 10:17	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 10:17	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 10:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 10:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 10:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 10:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 10:17	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 10:17	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 10:17	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 10:17	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 10:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 10:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 10:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-144		1	10/06/22 16:54	10/07/22 10:17	4165-60-0	
2-Fluorobiphenyl (S)	32	%	10-130		1	10/06/22 16:54	10/07/22 10:17	321-60-8	
Terphenyl-d14 (S)	98	%	34-163		1	10/06/22 16:54	10/07/22 10:17	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	10/06/22 16:54	10/07/22 10:17	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	10/06/22 16:54	10/07/22 10:17	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		1	10/06/22 16:54	10/07/22 10:17	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	10/03/22 14:23	10/05/22 19:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	10/03/22 14:23	10/05/22 19:22	4165-60-0	
2-Fluorobiphenyl (S)	87	%	61-194		1	10/03/22 14:23	10/05/22 19:22	321-60-8	
Terphenyl-d14 (S)	95	%	69-180		1	10/03/22 14:23	10/05/22 19:22	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 00:55	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 00:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 00:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 00:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 00:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 00:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 00:55	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 00:55	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 00:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 00:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 00:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38S-20220929 **Lab ID: 92628600003** Collected: 09/29/22 11:05 Received: 09/29/22 13:30 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38S-20220929 **Lab ID: 92628600003** Collected: 09/29/22 11:05 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/03/22 00:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 00:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 00:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/03/22 00:55	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/03/22 00:55	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/03/22 00:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39S-20220929 **Lab ID: 92628600004** Collected: 09/29/22 13:15 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	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	10/06/22 16:54	10/07/22 10:42	83-32-9	
Acenaphthylene	**11.3**	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 10:42	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 10:42	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/06/22 16:54	10/07/22 10:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/06/22 16:54	10/07/22 10:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/06/22 16:54	10/07/22 10:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/06/22 16:54	10/07/22 10:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/06/22 16:54	10/07/22 10:42	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/06/22 16:54	10/07/22 10:42	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/06/22 16:54	10/07/22 10:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/06/22 16:54	10/07/22 10:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/06/22 16:54	10/07/22 10:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/06/22 16:54	10/07/22 10:42	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/06/22 16:54	10/07/22 10:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/06/22 16:54	10/07/22 10:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 10:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 10:42	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/06/22 16:54	10/07/22 10:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 10:42	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/06/22 16:54	10/07/22 10:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/06/22 16:54	10/07/22 10:42	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/06/22 16:54	10/07/22 10:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/06/22 16:54	10/07/22 10:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 10:42	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 10:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 10:42	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/06/22 16:54	10/07/22 10:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 10:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/06/22 16:54	10/07/22 10:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/06/22 16:54	10/07/22 10:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 10:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 10:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/06/22 16:54	10/07/22 10:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/06/22 16:54	10/07/22 10:42	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 10:42	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/06/22 16:54	10/07/22 10:42	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 10:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 10:42	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 10:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/06/22 16:54	10/07/22 10:42	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 10:42	78-59-1	
1-Methylnaphthalene	**12.2**	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 10:42	90-12-0	
2-Methylnaphthalene	**14.2**	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 10:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 10:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/06/22 16:54	10/07/22 10:42	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39S-20220929 **Lab ID: 92628600004** Collected: 09/29/22 13:15 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	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	10/06/22 16:54	10/07/22 10:42	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/06/22 16:54	10/07/22 10:42	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/06/22 16:54	10/07/22 10:42	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 10:42	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 10:42	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/06/22 16:54	10/07/22 10:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 10:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/06/22 16:54	10/07/22 10:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/06/22 16:54	10/07/22 10:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/06/22 16:54	10/07/22 10:42	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/06/22 16:54	10/07/22 10:42	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 10:42	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 10:42	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 10:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 10:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 10:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	31	%	10-144		1	10/06/22 16:54	10/07/22 10:42	4165-60-0	
2-Fluorobiphenyl (S)	16	%	10-130		1	10/06/22 16:54	10/07/22 10:42	321-60-8	
Terphenyl-d14 (S)	62	%	34-163		1	10/06/22 16:54	10/07/22 10:42	1718-51-0	
Phenol-d6 (S)	20	%	10-130		1	10/06/22 16:54	10/07/22 10:42	13127-88-3	
2-Fluorophenol (S)	24	%	10-130		1	10/06/22 16:54	10/07/22 10:42	367-12-4	
2,4,6-Tribromophenol (S)	50	%	10-144		1	10/06/22 16:54	10/07/22 10:42	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:23	10/05/22 19:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	69-194		1	10/03/22 14:23	10/05/22 19:43	4165-60-0	
2-Fluorobiphenyl (S)	84	%	61-194		1	10/03/22 14:23	10/05/22 19:43	321-60-8	
Terphenyl-d14 (S)	93	%	69-180		1	10/03/22 14:23	10/05/22 19:43	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		10/03/22 00:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 00:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 00:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 00:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 00:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 00:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 00:37	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 00:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 00:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 00:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 00:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39S-20220929 **Lab ID: 92628600004** Collected: 09/29/22 13:15 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 00:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 00:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 00:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 00:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 00:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 00:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 00:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 00:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 00:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 00:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 00:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 00:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 00:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 00:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 00:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 00:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 00:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 00:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 00:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 00:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 00:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 00:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 00:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 00:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 00:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 00:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 00:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 00:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 00:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 00:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 00:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 00:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 00:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 00:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 00:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39S-20220929 **Lab ID: 92628600004** Collected: 09/29/22 13:15 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/03/22 00:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 00:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 00:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/03/22 00:37	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130		1		10/03/22 00:37	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/03/22 00:37	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BR-20220929 **Lab ID: 92628600005** Collected: 09/29/22 13:20 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 11:08	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 11:08	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 11:08	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/06/22 16:54	10/07/22 11:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 11:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 11:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 11:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 11:08	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/06/22 16:54	10/07/22 11:08	65-85-0	M1
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/06/22 16:54	10/07/22 11:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 11:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/06/22 16:54	10/07/22 11:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/06/22 16:54	10/07/22 11:08	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/06/22 16:54	10/07/22 11:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 11:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 11:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 11:08	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 11:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 11:08	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 11:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 11:08	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 11:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/06/22 16:54	10/07/22 11:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 11:08	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 11:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 11:08	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 11:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 11:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/06/22 16:54	10/07/22 11:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/06/22 16:54	10/07/22 11:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 11:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 11:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/06/22 16:54	10/07/22 11:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/06/22 16:54	10/07/22 11:08	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 11:08	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 11:08	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 11:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 11:08	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 11:08	67-72-1	M1
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 11:08	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 11:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 11:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 11:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 11:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 11:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BR-20220929 **Lab ID: 92628600005** Collected: 09/29/22 13:20 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/06/22 16:54	10/07/22 11:08	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 11:08	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/06/22 16:54	10/07/22 11:08	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 11:08	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 11:08	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/06/22 16:54	10/07/22 11:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 11:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 11:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 11:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/06/22 16:54	10/07/22 11:08	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 11:08	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 11:08	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 11:08	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 11:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 11:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 11:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-144		1	10/06/22 16:54	10/07/22 11:08	4165-60-0	
2-Fluorobiphenyl (S)	26	%	10-130		1	10/06/22 16:54	10/07/22 11:08	321-60-8	
Terphenyl-d14 (S)	90	%	34-163		1	10/06/22 16:54	10/07/22 11:08	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	10/06/22 16:54	10/07/22 11:08	13127-88-3	
2-Fluorophenol (S)	34	%	10-130		1	10/06/22 16:54	10/07/22 11:08	367-12-4	
2,4,6-Tribromophenol (S)	58	%	10-144		1	10/06/22 16:54	10/07/22 11:08	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/03/22 14:23	10/06/22 16:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	69-194		1	10/03/22 14:23	10/06/22 16:50	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/03/22 14:23	10/06/22 16:50	321-60-8	
Terphenyl-d14 (S)	84	%	69-180		1	10/03/22 14:23	10/06/22 16:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 00:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 00:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 00:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 00:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 00:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 00:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 00:19	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 00:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 00:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 00:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 00:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BR-20220929 **Lab ID: 92628600005** Collected: 09/29/22 13:20 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 00:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 00:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 00:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 00:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 00:19	74-95-3	
1,2-Dichlorobenzene	**0.49J**	ug/L	1.0	0.34	1		10/03/22 00:19	95-50-1	
1,3-Dichlorobenzene	**0.84J**	ug/L	1.0	0.34	1		10/03/22 00:19	541-73-1	
1,4-Dichlorobenzene	**0.40J**	ug/L	1.0	0.33	1		10/03/22 00:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 00:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 00:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 00:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 00:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 00:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 00:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 00:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 00:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 00:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 00:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 00:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 00:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 00:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 00:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 00:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 00:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 00:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 00:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 00:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 00:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 00:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 00:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 00:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 00:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 00:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 00:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 00:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 00:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 00:19	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BR-20220929 **Lab ID: 92628600005** Collected: 09/29/22 13:20 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/03/22 00:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 00:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 00:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/03/22 00:19	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-130		1		10/03/22 00:19	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/03/22 00:19	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-9R-20220929 **Lab ID: 92628600006** Collected: 09/29/22 09:25 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:33	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:33	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:33	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 11:33	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 11:33	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 11:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 11:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 11:33	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 11:33	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 11:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 11:33	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 11:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 11:33	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 11:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 11:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:33	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:33	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 11:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:33	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 11:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 11:33	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:33	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 11:33	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:33	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:33	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:33	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:33	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 11:33	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 11:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:33	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 11:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 11:33	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:33	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:33	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 11:33	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 11:33	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:33	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 11:33	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-9R-20220929 **Lab ID: 92628600006** Collected: 09/29/22 09:25 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 11:33	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 11:33	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 11:33	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:33	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:33	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 11:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 11:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 11:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 11:33	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 11:33	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:33	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 11:33	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:33	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 11:33	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-144		1	10/06/22 16:54	10/07/22 11:33	4165-60-0	
2-Fluorobiphenyl (S)	32	%	10-130		1	10/06/22 16:54	10/07/22 11:33	321-60-8	
Terphenyl-d14 (S)	79	%	34-163		1	10/06/22 16:54	10/07/22 11:33	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/06/22 16:54	10/07/22 11:33	13127-88-3	
2-Fluorophenol (S)	41	%	10-130		1	10/06/22 16:54	10/07/22 11:33	367-12-4	
2,4,6-Tribromophenol (S)	73	%	10-144		1	10/06/22 16:54	10/07/22 11:33	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 21:33	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	69-194		1	10/05/22 19:08	10/06/22 21:33	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/05/22 19:08	10/06/22 21:33	321-60-8	
Terphenyl-d14 (S)	73	%	69-180		1	10/05/22 19:08	10/06/22 21:33	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 00:00	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 00:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 00:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 00:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 00:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 00:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 00:00	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 00:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 00:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 00:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 00:00	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-9R-20220929 **Lab ID: 92628600006** Collected: 09/29/22 09:25 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	**0.53J**	ug/L	1.0	0.43	1		10/03/22 00:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 00:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 00:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 00:00	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 00:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 00:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 00:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 00:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 00:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 00:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 00:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 00:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 00:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 00:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 00:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 00:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 00:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 00:00	108-10-1	
Methyl-tert-butyl ether	**0.67J**	ug/L	1.0	0.42	1		10/03/22 00:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 00:00	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 00:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 00:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 00:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 00:00	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 00:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 00:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 00:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 00:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 00:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 00:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 00:00	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-9R-20220929 **Lab ID: 92628600006** Collected: 09/29/22 09:25 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/03/22 00:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 00:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 00:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/03/22 00:00	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/03/22 00:00	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/03/22 00:00	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-7R-20220929 **Lab ID: 92628600007** Collected: 09/29/22 09:30 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:58	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:58	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:58	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 11:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 11:58	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 11:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 11:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 11:58	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 11:58	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 11:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 11:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 11:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 11:58	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 11:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 11:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:58	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:58	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 11:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:58	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 11:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 11:58	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:58	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 11:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:58	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:58	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:58	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 11:58	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 11:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:58	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 11:58	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 11:58	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:58	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:58	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 11:58	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 11:58	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 11:58	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 11:58	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-7R-20220929 **Lab ID: 92628600007** Collected: 09/29/22 09:30 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 11:58	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 11:58	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 11:58	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:58	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:58	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 11:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 11:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 11:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 11:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 11:58	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 11:58	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 11:58	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 11:58	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 11:58	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 11:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 11:58	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	37	%	10-144		1	10/06/22 16:54	10/07/22 11:58	4165-60-0	
2-Fluorobiphenyl (S)	15	%	10-130		1	10/06/22 16:54	10/07/22 11:58	321-60-8	
Terphenyl-d14 (S)	71	%	34-163		1	10/06/22 16:54	10/07/22 11:58	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/06/22 16:54	10/07/22 11:58	13127-88-3	
2-Fluorophenol (S)	32	%	10-130		1	10/06/22 16:54	10/07/22 11:58	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-144		1	10/06/22 16:54	10/07/22 11:58	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 21:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	118	%	69-194		1	10/05/22 19:08	10/06/22 21:55	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/05/22 19:08	10/06/22 21:55	321-60-8	
Terphenyl-d14 (S)	71	%	69-180		1	10/05/22 19:08	10/06/22 21:55	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 23:42	67-64-1	
Benzene	**3.9**	ug/L	1.0	0.34	1		10/02/22 23:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 23:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 23:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 23:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 23:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 23:42	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 23:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 23:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 23:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 23:42	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-7R-20220929 **Lab ID: 92628600007** Collected: 09/29/22 09:30 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 23:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 23:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 23:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 23:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 23:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 23:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 23:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 23:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 23:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 23:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 23:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 23:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 23:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 23:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 23:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 23:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 23:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 23:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 23:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 23:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 23:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 23:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 23:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 23:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 23:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 23:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 23:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 23:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 23:42	108-10-1	
Methyl-tert-butyl ether	**0.70J**	ug/L	1.0	0.42	1		10/02/22 23:42	1634-04-4	
Naphthalene	**14.0**	ug/L	1.0	0.64	1		10/02/22 23:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 23:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 23:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 23:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 23:42	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 23:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 23:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 23:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 23:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 23:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 23:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 23:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 23:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 23:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 23:42	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-7R-20220929 **Lab ID: 92628600007** Collected: 09/29/22 09:30 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/02/22 23:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 23:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 23:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/22 23:42	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/02/22 23:42	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/02/22 23:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35S-20220929 **Lab ID: 92628600008** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 12:23	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 12:23	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 12:23	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/06/22 16:54	10/07/22 12:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 12:23	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 12:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 12:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 12:23	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/06/22 16:54	10/07/22 12:23	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/06/22 16:54	10/07/22 12:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 12:23	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/06/22 16:54	10/07/22 12:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/06/22 16:54	10/07/22 12:23	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/06/22 16:54	10/07/22 12:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 12:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 12:23	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 12:23	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 12:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 12:23	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 12:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 12:23	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 12:23	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/06/22 16:54	10/07/22 12:23	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 12:23	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 12:23	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 12:23	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 12:23	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 12:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/06/22 16:54	10/07/22 12:23	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/06/22 16:54	10/07/22 12:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 12:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 12:23	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/06/22 16:54	10/07/22 12:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/06/22 16:54	10/07/22 12:23	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 12:23	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 12:23	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 12:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 12:23	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 12:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 12:23	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 12:23	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 12:23	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 12:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 12:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 12:23	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35S-20220929 **Lab ID: 92628600008** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/06/22 16:54	10/07/22 12:23	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 12:23	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/06/22 16:54	10/07/22 12:23	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 12:23	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 12:23	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/06/22 16:54	10/07/22 12:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 12:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 12:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 12:23	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/06/22 16:54	10/07/22 12:23	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 12:23	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 12:23	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 12:23	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 12:23	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 12:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 12:23	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	36	%	10-144		1	10/06/22 16:54	10/07/22 12:23	4165-60-0	
2-Fluorobiphenyl (S)	13	%	10-130		1	10/06/22 16:54	10/07/22 12:23	321-60-8	
Terphenyl-d14 (S)	71	%	34-163		1	10/06/22 16:54	10/07/22 12:23	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	10/06/22 16:54	10/07/22 12:23	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	10/06/22 16:54	10/07/22 12:23	367-12-4	
2,4,6-Tribromophenol (S)	57	%	10-144		1	10/06/22 16:54	10/07/22 12:23	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 22:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/05/22 19:08	10/06/22 22:17	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/05/22 19:08	10/06/22 22:17	321-60-8	
Terphenyl-d14 (S)	74	%	69-180		1	10/05/22 19:08	10/06/22 22:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 23:24	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 23:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 23:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 23:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 23:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 23:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 23:24	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 23:24	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 23:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 23:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 23:24	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35S-20220929 **Lab ID: 92628600008** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 23:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 23:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 23:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 23:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 23:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 23:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 23:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 23:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 23:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 23:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 23:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 23:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 23:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 23:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 23:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 23:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 23:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 23:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 23:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 23:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 23:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 23:24	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 23:24	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 23:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 23:24	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 23:24	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 23:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 23:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 23:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 23:24	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 23:24	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 23:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 23:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 23:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 23:24	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 23:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 23:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 23:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 23:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 23:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 23:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 23:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 23:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 23:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 23:24	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35S-20220929 **Lab ID: 92628600008** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/02/22 23:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 23:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 23:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/22 23:24	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	70-130		1		10/02/22 23:24	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/22 23:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35TZ-20220929 **Lab ID: 92628600009** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:49	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:49	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:49	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 12:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 12:49	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 12:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 12:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 12:49	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 12:49	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 12:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 12:49	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 12:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 12:49	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 12:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 12:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:49	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:49	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 12:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:49	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 12:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 12:49	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 12:49	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:49	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:49	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:49	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:49	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 12:49	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 12:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:49	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 12:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 12:49	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:49	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:49	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 12:49	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 12:49	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:49	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 12:49	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35TZ-20220929 **Lab ID: 92628600009** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 12:49	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 12:49	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 12:49	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:49	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:49	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 12:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 12:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 12:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 12:49	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 12:49	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:49	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 12:49	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:49	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 12:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	27	%	10-144		1	10/06/22 16:54	10/07/22 12:49	4165-60-0	
2-Fluorobiphenyl (S)	12	%	10-130		1	10/06/22 16:54	10/07/22 12:49	321-60-8	
Terphenyl-d14 (S)	96	%	34-163		1	10/06/22 16:54	10/07/22 12:49	1718-51-0	
Phenol-d6 (S)	21	%	10-130		1	10/06/22 16:54	10/07/22 12:49	13127-88-3	
2-Fluorophenol (S)	20	%	10-130		1	10/06/22 16:54	10/07/22 12:49	367-12-4	
2,4,6-Tribromophenol (S)	76	%	10-144		1	10/06/22 16:54	10/07/22 12:49	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 22:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	10/05/22 19:08	10/06/22 22:38	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/05/22 19:08	10/06/22 22:38	321-60-8	
Terphenyl-d14 (S)	72	%	69-180		1	10/05/22 19:08	10/06/22 22:38	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 23:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 23:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 23:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 23:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 23:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 23:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 23:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 23:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 23:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 23:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 23:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35TZ-20220929 **Lab ID: 92628600009** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 23:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 23:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 23:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 23:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 23:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 23:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 23:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 23:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 23:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 23:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 23:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 23:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 23:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 23:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 23:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 23:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 23:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 23:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 23:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 23:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 23:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 23:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 23:06	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 23:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 23:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 23:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 23:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 23:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 23:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 23:06	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 23:06	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 23:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 23:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 23:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 23:06	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 23:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 23:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 23:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 23:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 23:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 23:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 23:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 23:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 23:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 23:06	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35TZ-20220929 **Lab ID: 92628600009** Collected: 09/29/22 11:50 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/02/22 23:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 23:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 23:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 23:06	460-00-4	
1,2-Dichloroethane-d4 (S)	125	%	70-130		1		10/02/22 23:06	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 23:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35BR-20220929 **Lab ID: 92628600010** Collected: 09/29/22 13:00 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:14	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:14	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:14	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 13:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 13:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 13:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 13:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 13:14	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 13:14	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 13:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 13:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 13:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 13:14	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 13:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 13:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:14	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:14	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 13:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:14	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 13:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 13:14	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 13:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:14	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:14	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 13:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 13:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 13:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 13:14	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:14	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:14	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 13:14	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 13:14	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:14	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 13:14	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35BR-20220929 **Lab ID: 92628600010** Collected: 09/29/22 13:00 Received: 09/29/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 13:14	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 13:14	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 13:14	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:14	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:14	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 13:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 13:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 13:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 13:14	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 13:14	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:14	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 13:14	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:14	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 13:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	16	%	10-144		1	10/06/22 16:54	10/07/22 13:14	4165-60-0	
2-Fluorobiphenyl (S)	7	%	10-130		1	10/06/22 16:54	10/07/22 13:14	321-60-8	S0
Terphenyl-d14 (S)	65	%	34-163		1	10/06/22 16:54	10/07/22 13:14	1718-51-0	
Phenol-d6 (S)	12	%	10-130		1	10/06/22 16:54	10/07/22 13:14	13127-88-3	
2-Fluorophenol (S)	14	%	10-130		1	10/06/22 16:54	10/07/22 13:14	367-12-4	
2,4,6-Tribromophenol (S)	34	%	10-144		1	10/06/22 16:54	10/07/22 13:14	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 23:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	101	%	69-194		1	10/05/22 19:08	10/06/22 23:00	4165-60-0	
2-Fluorobiphenyl (S)	80	%	61-194		1	10/05/22 19:08	10/06/22 23:00	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	10/05/22 19:08	10/06/22 23:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 22:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 22:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 22:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 22:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 22:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 22:48	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 22:48	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 22:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 22:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 22:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 22:48	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35BR-20220929 **Lab ID: 92628600010** Collected: 09/29/22 13:00 Received: 09/29/22 13:30 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-35BR-20220929 **Lab ID: 92628600010** Collected: 09/29/22 13:00 Received: 09/29/22 13:30 Matrix: Water

Parameters	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		10/02/22 22:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 22:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 22:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/02/22 22:48	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/02/22 22:48	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/02/22 22:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-16-20220929 **Lab ID: 92628600011** Collected: 09/29/22 14:50 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:35	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:35	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:35	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 12:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 12:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 12:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 12:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 12:35	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 12:35	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 12:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 12:35	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 12:35	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 12:35	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 12:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 12:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:35	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:35	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 12:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:35	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 12:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 12:35	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 12:35	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:35	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:35	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:35	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:35	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 12:35	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 12:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:35	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 12:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 12:35	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:35	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:35	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 12:35	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 12:35	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 12:35	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 12:35	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-16-20220929 **Lab ID: 92628600011** Collected: 09/29/22 14:50 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 12:35	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 12:35	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 12:35	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:35	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:35	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 12:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 12:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 12:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 12:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 12:35	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 12:35	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 12:35	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 12:35	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 12:35	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 12:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 12:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	11	%	10-144		1	10/06/22 16:54	10/07/22 12:35	4165-60-0	
2-Fluorobiphenyl (S)	7	%	10-130		1	10/06/22 16:54	10/07/22 12:35	321-60-8	S0
Terphenyl-d14 (S)	62	%	34-163		1	10/06/22 16:54	10/07/22 12:35	1718-51-0	
Phenol-d6 (S)	10	%	10-130		1	10/06/22 16:54	10/07/22 12:35	13127-88-3	
2-Fluorophenol (S)	9	%	10-130		1	10/06/22 16:54	10/07/22 12:35	367-12-4	S0
2,4,6-Tribromophenol (S)	34	%	10-144		1	10/06/22 16:54	10/07/22 12:35	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 23:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/05/22 19:08	10/06/22 23:22	4165-60-0	
2-Fluorobiphenyl (S)	89	%	61-194		1	10/05/22 19:08	10/06/22 23:22	321-60-8	
Terphenyl-d14 (S)	80	%	69-180		1	10/05/22 19:08	10/06/22 23:22	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 21:17	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 21:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 21:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 21:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 21:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 21:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 21:17	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 21:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 21:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 21:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 21:17	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-16-20220929 **Lab ID: 92628600011** Collected: 09/29/22 14:50 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 21:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 21:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 21:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 21:17	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 21:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 21:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 21:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 21:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 21:17	75-35-4	
cis-1,2-Dichloroethene	**0.91J**	ug/L	1.0	0.38	1		10/02/22 21:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 21:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 21:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 21:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 21:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 21:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 21:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 21:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 21:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 21:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 21:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 21:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 21:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 21:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 21:17	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 21:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 21:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 21:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 21:17	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 21:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 21:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 21:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 21:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 21:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 21:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 21:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 21:17	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-16-20220929 **Lab ID: 92628600011** Collected: 09/29/22 14:50 Received: 09/30/22 13:30 Matrix: Water

Parameters	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		10/02/22 21:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 21:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 21:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 21:17	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	70-130		1		10/02/22 21:17	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/02/22 21:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: DUP-03-20220929 **Lab ID: 92628600012** Collected: 09/29/22 20:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	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	10/06/22 16:54	10/07/22 13:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 13:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 13:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/06/22 16:54	10/07/22 13:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/06/22 16:54	10/07/22 13:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/06/22 16:54	10/07/22 13:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/06/22 16:54	10/07/22 13:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/06/22 16:54	10/07/22 13:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/06/22 16:54	10/07/22 13:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/06/22 16:54	10/07/22 13:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/06/22 16:54	10/07/22 13:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/06/22 16:54	10/07/22 13:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/06/22 16:54	10/07/22 13:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/06/22 16:54	10/07/22 13:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/06/22 16:54	10/07/22 13:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 13:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 13:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/06/22 16:54	10/07/22 13:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 13:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/06/22 16:54	10/07/22 13:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/06/22 16:54	10/07/22 13:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/06/22 16:54	10/07/22 13:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/06/22 16:54	10/07/22 13:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 13:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 13:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 13:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/06/22 16:54	10/07/22 13:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 13:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/06/22 16:54	10/07/22 13:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/06/22 16:54	10/07/22 13:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 13:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 13:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/06/22 16:54	10/07/22 13:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/06/22 16:54	10/07/22 13:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 13:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/06/22 16:54	10/07/22 13:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 13:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 13:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 13:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/06/22 16:54	10/07/22 13:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/06/22 16:54	10/07/22 13:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 13:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 13:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 13:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/06/22 16:54	10/07/22 13:01	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: DUP-03-20220929 **Lab ID: 92628600012** Collected: 09/29/22 20:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	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	10/06/22 16:54	10/07/22 13:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/06/22 16:54	10/07/22 13:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/06/22 16:54	10/07/22 13:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 13:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 13:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/06/22 16:54	10/07/22 13:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/06/22 16:54	10/07/22 13:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/06/22 16:54	10/07/22 13:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/06/22 16:54	10/07/22 13:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/06/22 16:54	10/07/22 13:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/06/22 16:54	10/07/22 13:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/06/22 16:54	10/07/22 13:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 13:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/06/22 16:54	10/07/22 13:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/06/22 16:54	10/07/22 13:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/06/22 16:54	10/07/22 13:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	12	%	10-144		1	10/06/22 16:54	10/07/22 13:01	4165-60-0	
2-Fluorobiphenyl (S)	6	%	10-130		1	10/06/22 16:54	10/07/22 13:01	321-60-8	S0
Terphenyl-d14 (S)	73	%	34-163		1	10/06/22 16:54	10/07/22 13:01	1718-51-0	
Phenol-d6 (S)	11	%	10-130		1	10/06/22 16:54	10/07/22 13:01	13127-88-3	
2-Fluorophenol (S)	10	%	10-130		1	10/06/22 16:54	10/07/22 13:01	367-12-4	
2,4,6-Tribromophenol (S)	37	%	10-144		1	10/06/22 16:54	10/07/22 13:01	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/06/22 23:44	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	93	%	69-194		1	10/05/22 19:08	10/06/22 23:44	4165-60-0	
2-Fluorobiphenyl (S)	80	%	61-194		1	10/05/22 19:08	10/06/22 23:44	321-60-8	
Terphenyl-d14 (S)	71	%	69-180		1	10/05/22 19:08	10/06/22 23:44	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 00:54	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 00:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 00:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 00:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 00:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 00:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 00:54	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 00:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 00:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 00:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 00:54	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: DUP-03-20220929 **Lab ID: 92628600012** Collected: 09/29/22 20:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 00:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 00:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 00:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 00:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 00:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 00:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 00:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 00:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 00:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 00:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 00:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 00:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 00:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 00:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 00:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 00:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 00:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 00:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 00:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 00:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 00:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 00:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 00:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 00:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 00:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 00:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 00:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 00:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 00:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 00:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 00:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 00:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 00:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 00:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 00:54	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: DUP-03-20220929 **Lab ID: 92628600012** Collected: 09/29/22 20:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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		10/03/22 00:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 00:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 00:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/03/22 00:54	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/03/22 00:54	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/03/22 00:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-26-20220929 **Lab ID: 92628600013** Collected: 09/29/22 16:45 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:26	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:26	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:26	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 13:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 13:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 13:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 13:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 13:26	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 13:26	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 13:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 13:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 13:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 13:26	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 13:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 13:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:26	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 13:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:26	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 13:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 13:26	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 13:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:26	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:26	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 13:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 13:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 13:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 13:26	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:26	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:26	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 13:26	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 13:26	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 13:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 13:26	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-26-20220929 **Lab ID: 92628600013** Collected: 09/29/22 16:45 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 13:26	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 13:26	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 13:26	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:26	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:26	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 13:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 13:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 13:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 13:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 13:26	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 13:26	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 13:26	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 13:26	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 13:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 13:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 13:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	7	%	10-144		1	10/06/22 16:54	10/07/22 13:26	4165-60-0	1g,S0
2-Fluorobiphenyl (S)	3	%	10-130		1	10/06/22 16:54	10/07/22 13:26	321-60-8	S0
Terphenyl-d14 (S)	83	%	34-163		1	10/06/22 16:54	10/07/22 13:26	1718-51-0	
Phenol-d6 (S)	9	%	10-130		1	10/06/22 16:54	10/07/22 13:26	13127-88-3	S0
2-Fluorophenol (S)	7	%	10-130		1	10/06/22 16:54	10/07/22 13:26	367-12-4	S0
2,4,6-Tribromophenol (S)	46	%	10-144		1	10/06/22 16:54	10/07/22 13:26	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/07/22 00:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	99	%	69-194		1	10/05/22 19:08	10/07/22 00:06	4165-60-0	
2-Fluorobiphenyl (S)	85	%	61-194		1	10/05/22 19:08	10/07/22 00:06	321-60-8	
Terphenyl-d14 (S)	75	%	69-180		1	10/05/22 19:08	10/07/22 00:06	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		10/02/22 21:35	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 21:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 21:35	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 21:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 21:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 21:35	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 21:35	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 21:35	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 21:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 21:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 21:35	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-26-20220929 **Lab ID: 92628600013** Collected: 09/29/22 16:45 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 21:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 21:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 21:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 21:35	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 21:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 21:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 21:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 21:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 21:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 21:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 21:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 21:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 21:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 21:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 21:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 21:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 21:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 21:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 21:35	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 21:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 21:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 21:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 21:35	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 21:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 21:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 21:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 21:35	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 21:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 21:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 21:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 21:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 21:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 21:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 21:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 21:35	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-26-20220929 **Lab ID: 92628600013** Collected: 09/29/22 16:45 Received: 09/30/22 13:30 Matrix: Water

Parameters	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		10/02/22 21:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 21:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 21:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/22 21:35	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/02/22 21:35	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/22 21:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38BR-20220929 **Lab ID: 92628600014** Collected: 09/29/22 11:13 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**78.0**	ug/L	10.0	2.91	1	10/11/22 11:04	10/11/22 11:04	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/11/22 11:04	10/11/22 11:04	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/11/22 11:04	10/11/22 11:04	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**422**	ug/L	50.0	41.5	1	10/05/22 12:07	10/07/22 12:56	7439-89-6	
Manganese	**105**	ug/L	5.0	3.4	1	10/05/22 12:07	10/07/22 12:56	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:20	7439-89-6	P4
Manganese, Dissolved	**78.0**	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:20	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 13:52	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 13:52	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 13:52	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/06/22 16:54	10/07/22 13:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 13:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 13:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 13:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 13:52	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/06/22 16:54	10/07/22 13:52	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/06/22 16:54	10/07/22 13:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 13:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/06/22 16:54	10/07/22 13:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/06/22 16:54	10/07/22 13:52	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/06/22 16:54	10/07/22 13:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 13:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 13:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 13:52	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 13:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 13:52	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 13:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 13:52	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 13:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/06/22 16:54	10/07/22 13:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 13:52	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 13:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 13:52	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 13:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 13:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/06/22 16:54	10/07/22 13:52	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38BR-20220929 **Lab ID: 92628600014** Collected: 09/29/22 11:13 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/06/22 16:54	10/07/22 13:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 13:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 13:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/06/22 16:54	10/07/22 13:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/06/22 16:54	10/07/22 13:52	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 13:52	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 13:52	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 13:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 13:52	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 13:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 13:52	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 13:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 13:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 13:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 13:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 13:52	15831-10-4	
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/06/22 16:54	10/07/22 13:52	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 13:52	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/06/22 16:54	10/07/22 13:52	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 13:52	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 13:52	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/06/22 16:54	10/07/22 13:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 13:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 13:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 13:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/06/22 16:54	10/07/22 13:52	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 13:52	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 13:52	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 13:52	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 13:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 13:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 13:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	17	%	10-144		1	10/06/22 16:54	10/07/22 13:52	4165-60-0	
2-Fluorobiphenyl (S)	9	%	10-130		1	10/06/22 16:54	10/07/22 13:52	321-60-8	S0
Terphenyl-d14 (S)	79	%	34-163		1	10/06/22 16:54	10/07/22 13:52	1718-51-0	
Phenol-d6 (S)	11	%	10-130		1	10/06/22 16:54	10/07/22 13:52	13127-88-3	
2-Fluorophenol (S)	14	%	10-130		1	10/06/22 16:54	10/07/22 13:52	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-144		1	10/06/22 16:54	10/07/22 13:52	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	10/05/22 19:08	10/07/22 00:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/05/22 19:08	10/07/22 00:27	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38BR-20220929 **Lab ID: 92628600014** Collected: 09/29/22 11:13 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	95	%	61-194		1	10/05/22 19:08	10/07/22 00:27	321-60-8	
Terphenyl-d14 (S)	78	%	69-180		1	10/05/22 19:08	10/07/22 00:27	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		10/02/22 21:53	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 21:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 21:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 21:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 21:53	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 21:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 21:53	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 21:53	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 21:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 21:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 21:53	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 21:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 21:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 21:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 21:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 21:53	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 21:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 21:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 21:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 21:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 21:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 21:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 21:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 21:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 21:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 21:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 21:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 21:53	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 21:53	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 21:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 21:53	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 21:53	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 21:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 21:53	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38BR-20220929 **Lab ID: 92628600014** Collected: 09/29/22 11:13 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 21:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 21:53	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 21:53	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 21:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 21:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 21:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 21:53	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 21:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 21:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 21:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 21:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 21:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 21:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 21:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 21:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 21:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 21:53	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/02/22 21:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 21:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 21:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 21:53	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/02/22 21:53	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/22 21:53	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**114**	mg/L	5.0	5.0	1		10/06/22 12:29		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/04/22 02:46	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**10**	mg/L	1.0	0.50	1		10/01/22 12:35	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		10/03/22 15:45	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/03/22 12:22		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-38BR-20220929 **Lab ID: 92628600014** Collected: 09/29/22 11:13 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.1**	mg/L	1.0	0.50	1		10/05/22 10:07	7440-44-0	
Total Organic Carbon	**0.53J**	mg/L	1.0	0.50	1		10/05/22 10:07	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 10:07	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 10:07	7440-44-0	
Mean Total Organic Carbon	**0.61J**	mg/L	1.0	0.50	1		10/05/22 10:07	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**106**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BRL-20220929 **Lab ID: 92628600015** Collected: 09/29/22 14:57 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	ND	ug/L	10.0	2.91	1	10/11/22 11:06	10/11/22 11:06	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/11/22 11:06	10/11/22 11:06	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/11/22 11:06	10/11/22 11:06	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	10/05/22 12:07	10/07/22 12:59	7439-89-6	
Manganese	**9.3**	ug/L	5.0	3.4	1	10/05/22 12:07	10/07/22 12:59	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:24	7439-89-6	P4
Manganese, Dissolved	**6.0**	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:24	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 14:17	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 14:17	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 14:17	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/06/22 16:54	10/07/22 14:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 14:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/06/22 16:54	10/07/22 14:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 14:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 14:17	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/06/22 16:54	10/07/22 14:17	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/06/22 16:54	10/07/22 14:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 14:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/06/22 16:54	10/07/22 14:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/06/22 16:54	10/07/22 14:17	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/06/22 16:54	10/07/22 14:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 14:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 14:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 14:17	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 14:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 14:17	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/06/22 16:54	10/07/22 14:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 14:17	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 14:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/06/22 16:54	10/07/22 14:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 14:17	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 14:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 14:17	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 14:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 14:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/06/22 16:54	10/07/22 14:17	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BRL-20220929 **Lab ID: 92628600015** Collected: 09/29/22 14:57 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/06/22 16:54	10/07/22 14:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 14:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/06/22 16:54	10/07/22 14:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/06/22 16:54	10/07/22 14:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/06/22 16:54	10/07/22 14:17	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 14:17	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/06/22 16:54	10/07/22 14:17	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 14:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 14:17	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 14:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/06/22 16:54	10/07/22 14:17	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/06/22 16:54	10/07/22 14:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 14:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 14:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 14:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/06/22 16:54	10/07/22 14:17	15831-10-4	
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/06/22 16:54	10/07/22 14:17	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 14:17	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/06/22 16:54	10/07/22 14:17	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 14:17	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 14:17	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/06/22 16:54	10/07/22 14:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/06/22 16:54	10/07/22 14:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 14:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/06/22 16:54	10/07/22 14:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/06/22 16:54	10/07/22 14:17	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/06/22 16:54	10/07/22 14:17	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/06/22 16:54	10/07/22 14:17	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/06/22 16:54	10/07/22 14:17	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/06/22 16:54	10/07/22 14:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/06/22 16:54	10/07/22 14:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/06/22 16:54	10/07/22 14:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	9	%	10-144		1	10/06/22 16:54	10/07/22 14:17	4165-60-0	1g,S0
2-Fluorobiphenyl (S)	4	%	10-130		1	10/06/22 16:54	10/07/22 14:17	321-60-8	S0
Terphenyl-d14 (S)	70	%	34-163		1	10/06/22 16:54	10/07/22 14:17	1718-51-0	
Phenol-d6 (S)	11	%	10-130		1	10/06/22 16:54	10/07/22 14:17	13127-88-3	
2-Fluorophenol (S)	9	%	10-130		1	10/06/22 16:54	10/07/22 14:17	367-12-4	S0
2,4,6-Tribromophenol (S)	40	%	10-144		1	10/06/22 16:54	10/07/22 14:17	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	10/05/22 19:08	10/07/22 00:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	69-194		1	10/05/22 19:08	10/07/22 00:49	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BRL-20220929 **Lab ID: 92628600015** Collected: 09/29/22 14:57 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	90	%	61-194		1	10/05/22 19:08	10/07/22 00:49	321-60-8	
Terphenyl-d14 (S)	78	%	69-180		1	10/05/22 19:08	10/07/22 00:49	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 22:12	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 22:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 22:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 22:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 22:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 22:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 22:12	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 22:12	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 22:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 22:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 22:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 22:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 22:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 22:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 22:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 22:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 22:12	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 22:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 22:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 22:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 22:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 22:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 22:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 22:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 22:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 22:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 22:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 22:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 22:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 22:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 22:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 22:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 22:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 22:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 22:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 22:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 22:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 22:12	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 22:12	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BRL-20220929 **Lab ID: 92628600015** Collected: 09/29/22 14:57 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 22:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 22:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 22:12	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 22:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 22:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 22:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 22:12	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 22:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 22:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 22:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 22:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 22:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 22:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 22:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 22:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 22:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 22:12	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/02/22 22:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 22:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 22:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/02/22 22:12	460-00-4	
1,2-Dichloroethane-d4 (S)	118	%	70-130		1		10/02/22 22:12	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/22 22:12	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**175**	mg/L	5.0	5.0	1		10/06/22 12:37		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.15**	mg/L	0.10	0.022	1		10/04/22 02:46	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**129**	mg/L	3.0	1.5	3		10/01/22 16:43	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.043J**	mg/L	0.10	0.031	1		10/03/22 15:47	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/03/22 12:23		

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-39BRL-20220929 **Lab ID: 92628600015** Collected: 09/29/22 14:57 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**13.1**	mg/L	1.0	0.50	1		10/05/22 10:25	7440-44-0	
Total Organic Carbon	**13.0**	mg/L	1.0	0.50	1		10/05/22 10:25	7440-44-0	
Total Organic Carbon	**13.0**	mg/L	1.0	0.50	1		10/05/22 10:25	7440-44-0	
Total Organic Carbon	**13.1**	mg/L	1.0	0.50	1		10/05/22 10:25	7440-44-0	
Mean Total Organic Carbon	**13.0**	mg/L	1.0	0.50	1		10/05/22 10:25	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**149**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21-20220929 **Lab ID: 92628600016** Collected: 09/29/22 15:15 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	ND	ug/L	10.0	2.91	1	10/11/22 11:08	10/11/22 11:08	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/11/22 11:08	10/11/22 11:08	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/11/22 11:08	10/11/22 11:08	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**20700**	ug/L	50.0	41.5	1	10/05/22 12:07	10/07/22 13:03	7439-89-6	
Manganese	**428**	ug/L	5.0	3.4	1	10/05/22 12:07	10/07/22 13:03	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**2010**	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:27	7439-89-6	P4
Manganese, Dissolved	**324**	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:27	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 15:35	10/07/22 14:55	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 15:35	10/07/22 14:55	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 15:35	10/07/22 14:55	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 15:35	10/07/22 14:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 15:35	10/07/22 14:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 15:35	10/07/22 14:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 15:35	10/07/22 14:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 15:35	10/07/22 14:55	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 15:35	10/07/22 14:55	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 15:35	10/07/22 14:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 15:35	10/07/22 14:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 15:35	10/07/22 14:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 15:35	10/07/22 14:55	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 15:35	10/07/22 14:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 15:35	10/07/22 14:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 15:35	10/07/22 14:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 15:35	10/07/22 14:55	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 15:35	10/07/22 14:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 15:35	10/07/22 14:55	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 15:35	10/07/22 14:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 15:35	10/07/22 14:55	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 15:35	10/07/22 14:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 15:35	10/07/22 14:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 15:35	10/07/22 14:55	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 15:35	10/07/22 14:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 15:35	10/07/22 14:55	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 15:35	10/07/22 14:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 15:35	10/07/22 14:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 15:35	10/07/22 14:55	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21-20220929 **Lab ID: 92628600016** Collected: 09/29/22 15:15 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 15:35	10/07/22 14:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 15:35	10/07/22 14:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 15:35	10/07/22 14:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 15:35	10/07/22 14:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 15:35	10/07/22 14:55	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 15:35	10/07/22 14:55	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 15:35	10/07/22 14:55	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 15:35	10/07/22 14:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 15:35	10/07/22 14:55	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 15:35	10/07/22 14:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 15:35	10/07/22 14:55	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 15:35	10/07/22 14:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 15:35	10/07/22 14:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 15:35	10/07/22 14:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 15:35	10/07/22 14:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 15:35	10/07/22 14:55	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 15:35	10/07/22 14:55	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 15:35	10/07/22 14:55	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 15:35	10/07/22 14:55	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 15:35	10/07/22 14:55	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 15:35	10/07/22 14:55	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 15:35	10/07/22 14:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 15:35	10/07/22 14:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 15:35	10/07/22 14:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 15:35	10/07/22 14:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 15:35	10/07/22 14:55	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 15:35	10/07/22 14:55	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 15:35	10/07/22 14:55	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 15:35	10/07/22 14:55	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 15:35	10/07/22 14:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 15:35	10/07/22 14:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 15:35	10/07/22 14:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-144		1	10/06/22 15:35	10/07/22 14:55	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	10/06/22 15:35	10/07/22 14:55	321-60-8	
Terphenyl-d14 (S)	103	%	34-163		1	10/06/22 15:35	10/07/22 14:55	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	10/06/22 15:35	10/07/22 14:55	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	10/06/22 15:35	10/07/22 14:55	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-144		1	10/06/22 15:35	10/07/22 14:55	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/07/22 01:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	99	%	69-194		1	10/05/22 19:08	10/07/22 01:11	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21-20220929 **Lab ID: 92628600016** Collected: 09/29/22 15:15 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	86	%	61-194		1	10/05/22 19:08	10/07/22 01:11	321-60-8	
Terphenyl-d14 (S)	79	%	69-180		1	10/05/22 19:08	10/07/22 01:11	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/02/22 22:30	67-64-1	
Benzene	**0.38J**	ug/L	1.0	0.34	1		10/02/22 22:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 22:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 22:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 22:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 22:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 22:30	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 22:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 22:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 22:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 22:30	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 22:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 22:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 22:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 22:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 22:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 22:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 22:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 22:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 22:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 22:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 22:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 22:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 22:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 22:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 22:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 22:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 22:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 22:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 22:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 22:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 22:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 22:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 22:30	108-20-3	
Ethylbenzene	**0.33J**	ug/L	1.0	0.30	1		10/02/22 22:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 22:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 22:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 22:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/02/22 22:30	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21-20220929 **Lab ID: 92628600016** Collected: 09/29/22 15:15 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 22:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 22:30	1634-04-4	
Naphthalene	**3.2**	ug/L	1.0	0.64	1		10/02/22 22:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 22:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 22:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 22:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/02/22 22:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 22:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 22:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 22:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 22:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 22:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 22:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 22:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 22:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 22:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 22:30	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/02/22 22:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 22:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 22:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/02/22 22:30	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		10/02/22 22:30	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/02/22 22:30	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**307**	mg/L	5.0	5.0	1		10/06/22 15:07		M1
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/04/22 02:47	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	ND	mg/L	1.0	0.50	1		10/01/22 13:06	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.56**	mg/L	0.10	0.031	1		10/03/22 15:48	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.060**	mg/L	0.040	0.017	1		10/03/22 12:24		M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-21-20220929 **Lab ID: 92628600016** Collected: 09/29/22 15:15 Received: 09/30/22 13:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**4.6**	mg/L	1.0	0.50	1		10/05/22 10:44	7440-44-0	
Total Organic Carbon	**4.4**	mg/L	1.0	0.50	1		10/05/22 10:44	7440-44-0	
Total Organic Carbon	**4.5**	mg/L	1.0	0.50	1		10/05/22 10:44	7440-44-0	
Total Organic Carbon	**4.5**	mg/L	1.0	0.50	1		10/05/22 10:44	7440-44-0	
Mean Total Organic Carbon	**4.5**	mg/L	1.0	0.50	1		10/05/22 10:44	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**319**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: TB-05-20220929 **Lab ID: 92628600017** Collected: 09/29/22 00:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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	**71.8**	ug/L	25.0	5.1	1		10/01/22 22:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/01/22 22:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/01/22 22:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/01/22 22:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/01/22 22:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/01/22 22:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/01/22 22:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/01/22 22:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/01/22 22:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/01/22 22:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/01/22 22:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/01/22 22:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/01/22 22:49	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/01/22 22:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/01/22 22:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/01/22 22:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/01/22 22:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/01/22 22:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/01/22 22:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/01/22 22:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/01/22 22:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/01/22 22:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/01/22 22:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/01/22 22:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/01/22 22:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/01/22 22:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/01/22 22:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/01/22 22:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/01/22 22:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/01/22 22:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/01/22 22:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/01/22 22:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/01/22 22:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/01/22 22:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/01/22 22:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/01/22 22:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/01/22 22:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/01/22 22:49	99-87-6	
Methylene Chloride	**2.0J**	ug/L	5.0	2.0	1		10/01/22 22:49	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/01/22 22:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/01/22 22:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/01/22 22:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/01/22 22:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/01/22 22:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/01/22 22:49	79-34-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: TB-05-20220929 **Lab ID: 92628600017** Collected: 09/29/22 00:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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		10/01/22 22:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/01/22 22:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/01/22 22:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/01/22 22:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/01/22 22:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/01/22 22:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/01/22 22:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/01/22 22:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/01/22 22:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/01/22 22:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/01/22 22:49	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/01/22 22:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/01/22 22:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/01/22 22:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/01/22 22:49	460-00-4	C0
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		10/01/22 22:49	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/01/22 22:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: TB-06-20220929 **Lab ID: 92628600018** Collected: 09/29/22 00:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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	**41.1**	ug/L	25.0	5.1	1		10/01/22 23:07	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/01/22 23:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/01/22 23:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/01/22 23:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/01/22 23:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/01/22 23:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/01/22 23:07	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/01/22 23:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/01/22 23:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/01/22 23:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/01/22 23:07	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/01/22 23:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/01/22 23:07	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/01/22 23:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/01/22 23:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/01/22 23:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/01/22 23:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/01/22 23:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/01/22 23:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/01/22 23:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/01/22 23:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/01/22 23:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/01/22 23:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/01/22 23:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/01/22 23:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/01/22 23:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/01/22 23:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/01/22 23:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/01/22 23:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/01/22 23:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/01/22 23:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/01/22 23:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/01/22 23:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/01/22 23:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/01/22 23:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/01/22 23:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/01/22 23:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/01/22 23:07	99-87-6	
Methylene Chloride	**4.3J**	ug/L	5.0	2.0	1		10/01/22 23:07	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/01/22 23:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/01/22 23:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/01/22 23:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/01/22 23:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/01/22 23:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/01/22 23:07	79-34-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: TB-06-20220929 **Lab ID: 92628600018** Collected: 09/29/22 00:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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		10/01/22 23:07	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/01/22 23:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/01/22 23:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/01/22 23:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/01/22 23:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/01/22 23:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/01/22 23:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/01/22 23:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/01/22 23:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/01/22 23:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/01/22 23:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/01/22 23:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/01/22 23:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/01/22 23:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/01/22 23:07	460-00-4	C0
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		10/01/22 23:07	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/01/22 23:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: TB-07-20220929 **Lab ID: 92628600019** Collected: 09/29/22 00:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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	**43.1**	ug/L	25.0	5.1	1		10/02/22 20:05	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/02/22 20:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/02/22 20:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/02/22 20:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/02/22 20:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/02/22 20:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/02/22 20:05	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/02/22 20:05	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/02/22 20:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/02/22 20:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/02/22 20:05	75-00-3	v2
Chloroform	ND	ug/L	1.0	0.43	1		10/02/22 20:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/02/22 20:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 20:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/02/22 20:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/02/22 20:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/02/22 20:05	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/02/22 20:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 20:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/02/22 20:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/02/22 20:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/02/22 20:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/02/22 20:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 20:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/02/22 20:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 20:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/02/22 20:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/02/22 20:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/02/22 20:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/02/22 20:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/02/22 20:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 20:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/02/22 20:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/02/22 20:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/02/22 20:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/02/22 20:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/02/22 20:05	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/02/22 20:05	99-87-6	
Methylene Chloride	**5.0**	ug/L	5.0	2.0	1		10/02/22 20:05	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/02/22 20:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/02/22 20:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/02/22 20:05	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/02/22 20:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/02/22 20:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/02/22 20:05	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: TB-07-20220929 **Lab ID: 92628600019** Collected: 09/29/22 00:00 Received: 09/30/22 13:30 Matrix: Water

Parameters	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		10/02/22 20:05	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/02/22 20:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/02/22 20:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/02/22 20:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/02/22 20:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/02/22 20:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/02/22 20:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/02/22 20:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/02/22 20:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/02/22 20:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/02/22 20:05	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/02/22 20:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/02/22 20:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/02/22 20:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/02/22 20:05	460-00-4	C0
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/02/22 20:05	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/02/22 20:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-28-20220929 **Lab ID: 92628600020** Collected: 09/29/22 10:35 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	ND	ug/L	10.0	2.91	1	10/11/22 11:10	10/11/22 11:10	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/11/22 11:10	10/11/22 11:10	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/11/22 11:10	10/11/22 11:10	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**783**	ug/L	50.0	41.5	1	10/05/22 12:07	10/07/22 13:24	7439-89-6	
Manganese	**295**	ug/L	5.0	3.4	1	10/05/22 12:07	10/07/22 13:24	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**169**	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:41	7439-89-6	P4
Manganese, Dissolved	**212**	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:41	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 14:42	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 14:42	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 14:42	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 14:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 14:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 14:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 14:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 14:42	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 14:42	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 14:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 14:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 14:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 14:42	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 14:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 14:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 14:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 14:42	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 14:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 14:42	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 14:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 14:42	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 14:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 14:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 14:42	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 14:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 14:42	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 14:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 14:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 14:42	534-52-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-28-20220929 **Lab ID: 92628600020** Collected: 09/29/22 10:35 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 14:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 14:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 14:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 14:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 14:42	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 14:42	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 14:42	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 14:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 14:42	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 14:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 14:42	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 14:42	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 14:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 14:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 14:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 14:42	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 14:42	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 14:42	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 14:42	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 14:42	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 14:42	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 14:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 14:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 14:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 14:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 14:42	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 14:42	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 14:42	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 14:42	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 14:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 14:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 14:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	12	%	10-144		1	10/06/22 16:54	10/07/22 14:42	4165-60-0	
2-Fluorobiphenyl (S)	5	%	10-130		1	10/06/22 16:54	10/07/22 14:42	321-60-8	S0
Terphenyl-d14 (S)	76	%	34-163		1	10/06/22 16:54	10/07/22 14:42	1718-51-0	
Phenol-d6 (S)	11	%	10-130		1	10/06/22 16:54	10/07/22 14:42	13127-88-3	
2-Fluorophenol (S)	12	%	10-130		1	10/06/22 16:54	10/07/22 14:42	367-12-4	
2,4,6-Tribromophenol (S)	47	%	10-144		1	10/06/22 16:54	10/07/22 14:42	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/07/22 02:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	115	%	69-194		1	10/05/22 19:08	10/07/22 02:16	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-28-20220929 **Lab ID: 92628600020** Collected: 09/29/22 10:35 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	87	%	61-194		1	10/05/22 19:08	10/07/22 02:16	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	10/05/22 19:08	10/07/22 02:16	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 01:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 01:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 01:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 01:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 01:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 01:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 01:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 01:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 01:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 01:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 01:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 01:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 01:21	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 01:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 01:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 01:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 01:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 01:21	75-71-8	v2
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 01:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 01:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 01:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 01:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 01:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 01:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 01:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 01:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 01:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 01:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 01:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 01:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 01:21	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-28-20220929 **Lab ID: 92628600020** Collected: 09/29/22 10:35 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 01:21	108-10-1	
Methyl-tert-butyl ether	**0.57J**	ug/L	1.0	0.42	1		10/03/22 01:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 01:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 01:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 01:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 01:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 01:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 01:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 01:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 01:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 01:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 01:21	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 01:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 01:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 01:21	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/03/22 01:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 01:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 01:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/03/22 01:21	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		10/03/22 01:21	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/03/22 01:21	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**43.2**	mg/L	5.0	5.0	1		10/06/22 13:28		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/04/22 02:51	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**22.0**	mg/L	1.0	0.50	1		10/01/22 13:52	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		10/03/22 15:55	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.087**	mg/L	0.040	0.017	1		10/03/22 12:30		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-28-20220929 **Lab ID: 92628600020** Collected: 09/29/22 10:35 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**0.82J**	mg/L	1.0	0.50	1		10/05/22 11:43	7440-44-0	
Total Organic Carbon	**0.52J**	mg/L	1.0	0.50	1		10/05/22 11:43	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 11:43	7440-44-0	
Total Organic Carbon	**0.50J**	mg/L	1.0	0.50	1		10/05/22 11:43	7440-44-0	
Mean Total Organic Carbon	**0.58J**	mg/L	1.0	0.50	1		10/05/22 11:43	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**48.6**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-15-20220929 **Lab ID: 92628600021** Collected: 09/29/22 15:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	ND	ug/L	10.0	2.91	1	10/11/22 11:21	10/11/22 11:21	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/11/22 11:21	10/11/22 11:21	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/11/22 11:21	10/11/22 11:21	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	10/05/22 12:07	10/07/22 13:27	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	10/05/22 12:07	10/07/22 13:27	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:45	7439-89-6	P4
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:45	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 23:05	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 23:05	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 23:05	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/06/22 16:54	10/07/22 23:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 23:05	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/06/22 16:54	10/07/22 23:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 23:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 23:05	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/06/22 16:54	10/07/22 23:05	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/06/22 16:54	10/07/22 23:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 23:05	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/06/22 16:54	10/07/22 23:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/06/22 16:54	10/07/22 23:05	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/06/22 16:54	10/07/22 23:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/06/22 16:54	10/07/22 23:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 23:05	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 23:05	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 23:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 23:05	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/06/22 16:54	10/07/22 23:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 23:05	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 23:05	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/06/22 16:54	10/07/22 23:05	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 23:05	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 23:05	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 23:05	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 23:05	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 23:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/06/22 16:54	10/07/22 23:05	534-52-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-15-20220929 **Lab ID: 92628600021** Collected: 09/29/22 15:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/06/22 16:54	10/07/22 23:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 23:05	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 23:05	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/06/22 16:54	10/07/22 23:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/06/22 16:54	10/07/22 23:05	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 23:05	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 23:05	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 23:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 23:05	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 23:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/06/22 16:54	10/07/22 23:05	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/06/22 16:54	10/07/22 23:05	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 23:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 23:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 23:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/06/22 16:54	10/07/22 23:05	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/06/22 16:54	10/07/22 23:05	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 23:05	99-09-2	v1
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/06/22 16:54	10/07/22 23:05	100-01-6	v1
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 23:05	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 23:05	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/06/22 16:54	10/07/22 23:05	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/06/22 16:54	10/07/22 23:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 23:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/06/22 16:54	10/07/22 23:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/06/22 16:54	10/07/22 23:05	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/06/22 16:54	10/07/22 23:05	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/06/22 16:54	10/07/22 23:05	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/06/22 16:54	10/07/22 23:05	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/06/22 16:54	10/07/22 23:05	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/06/22 16:54	10/07/22 23:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/06/22 16:54	10/07/22 23:05	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	13	%	10-144		1	10/06/22 16:54	10/07/22 23:05	4165-60-0	
2-Fluorobiphenyl (S)	6	%	10-130		1	10/06/22 16:54	10/07/22 23:05	321-60-8	S0
Terphenyl-d14 (S)	91	%	34-163		1	10/06/22 16:54	10/07/22 23:05	1718-51-0	
Phenol-d6 (S)	17	%	10-130		1	10/06/22 16:54	10/07/22 23:05	13127-88-3	
2-Fluorophenol (S)	10	%	10-130		1	10/06/22 16:54	10/07/22 23:05	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-144		1	10/06/22 16:54	10/07/22 23:05	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/05/22 19:08	10/07/22 09:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	69-194		1	10/05/22 19:08	10/07/22 09:03	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-15-20220929 **Lab ID: 92628600021** Collected: 09/29/22 15:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	81	%	61-194		1	10/05/22 19:08	10/07/22 09:03	321-60-8	
Terphenyl-d14 (S)	77	%	69-180		1	10/05/22 19:08	10/07/22 09:03	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 01:03	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 01:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 01:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 01:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 01:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 01:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 01:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 01:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 01:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 01:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 01:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 01:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 01:03	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 01:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 01:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 01:03	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 01:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 01:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 01:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 01:03	75-71-8	v2
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 01:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 01:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 01:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 01:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 01:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 01:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 01:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 01:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 01:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 01:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 01:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 01:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 01:03	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 01:03	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-15-20220929 **Lab ID: 92628600021** Collected: 09/29/22 15:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 01:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 01:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 01:03	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 01:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 01:03	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 01:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 01:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 01:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 01:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 01:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 01:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 01:03	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 01:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 01:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 01:03	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/03/22 01:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 01:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 01:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/03/22 01:03	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		10/03/22 01:03	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/03/22 01:03	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**16.0**	mg/L	5.0	5.0	1		10/06/22 13:34		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/04/22 02:51	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**2.2**	mg/L	1.0	0.50	1		10/01/22 14:08	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		10/03/22 15:57	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**7.1**	mg/L	0.12	0.052	3		10/03/22 12:50		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-15-20220929 **Lab ID: 92628600021** Collected: 09/29/22 15:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 12:00	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 12:00	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 12:00	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 12:00	7440-44-0	
Mean Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/05/22 12:00	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**29.4**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-13R-20220928 **Lab ID: 92628600022** Collected: 09/28/22 16:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	ND	ug/L	10.0	2.91	1	10/11/22 11:29	10/11/22 11:29	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/11/22 11:29	10/11/22 11:29	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/11/22 11:29	10/11/22 11:29	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**104**	ug/L	50.0	41.5	1	10/06/22 11:44	10/07/22 13:38	7439-89-6	
Manganese	**352**	ug/L	5.0	3.4	1	10/06/22 11:44	10/07/22 13:38	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:55	7439-89-6	P4
Manganese, Dissolved	**251**	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:55	7439-96-5	P4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/03/22 00:45	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/03/22 00:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/03/22 00:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/03/22 00:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/03/22 00:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/03/22 00:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/03/22 00:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/03/22 00:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/03/22 00:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/03/22 00:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/03/22 00:45	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/03/22 00:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/03/22 00:45	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/03/22 00:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/03/22 00:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/03/22 00:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/03/22 00:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/03/22 00:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/03/22 00:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/03/22 00:45	75-71-8	v2
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/03/22 00:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/03/22 00:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/03/22 00:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/03/22 00:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/03/22 00:45	142-28-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-13R-20220928 **Lab ID: 92628600022** Collected: 09/28/22 16:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/03/22 00:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/03/22 00:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/03/22 00:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/03/22 00:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/03/22 00:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/03/22 00:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/03/22 00:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/03/22 00:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/03/22 00:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/03/22 00:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/03/22 00:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/03/22 00:45	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/03/22 00:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/03/22 00:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/03/22 00:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/03/22 00:45	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/03/22 00:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/03/22 00:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/03/22 00:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/03/22 00:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/03/22 00:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/03/22 00:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/03/22 00:45	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/03/22 00:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/03/22 00:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/03/22 00:45	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/03/22 00:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/03/22 00:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/03/22 00:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/03/22 00:45	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/03/22 00:45	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/03/22 00:45	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		10/06/22 13:40		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/04/22 02:46	18496-25-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Sample: MW-13R-20220928 **Lab ID: 92628600022** Collected: 09/28/22 16:00 Received: 09/30/22 11:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**31.1**	mg/L	1.0	0.50	1		10/01/22 14:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.045J**	mg/L	0.10	0.031	1		10/03/22 15:58	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**1.4**	mg/L	0.040	0.017	1		10/03/22 12:32		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**0.96J**	mg/L	1.0	0.50	1		10/05/22 12:55	7440-44-0	
Total Organic Carbon	**0.96J**	mg/L	1.0	0.50	1		10/05/22 12:55	7440-44-0	
Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		10/05/22 12:55	7440-44-0	
Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		10/05/22 12:55	7440-44-0	
Mean Total Organic Carbon	**0.99J**	mg/L	1.0	0.50	1		10/05/22 12:55	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**28.7**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 1940416
QC Batch Method: RSK175
Analysis Method: RSK-175
Analysis Description: VOA (GC) RSK175
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: R3847008-2 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methane	ug/L	ND	10.0	2.91	10/11/22 09:01	
Ethane	ug/L	ND	13.0	4.07	10/11/22 09:01	
Ethene	ug/L	ND	13.0	4.26	10/11/22 09:01	

LABORATORY CONTROL SAMPLE & LCSD: R3847008-1 R3847008-5

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	67.8	65.4	63.9	96.5	94.2	85.0-115	2.32	20	
Ethane	ug/L	129	112	113	86.8	87.6	85.0-115	0.889	20	
Ethene	ug/L	127	113	111	89.0	87.4	85.0-115	1.79	20	

SAMPLE DUPLICATE: R3847008-3

Parameter	Units	L1542999-15 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	477	479	0.418	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	51.3	48.6	5.41	20	

SAMPLE DUPLICATE: R3847008-4

Parameter	Units	92628600022 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727975
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021

METHOD BLANK: 3790851 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	10/07/22 12:49	
Manganese	ug/L	ND	5.0	3.4	10/07/22 12:49	

LABORATORY CONTROL SAMPLE: 3790852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5080	102	80-120	
Manganese	ug/L	500	520	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3790853 3790854

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	20700	5000	5000	25600	25300	98	93	75-125	1	20	
Manganese	ug/L	428	500	500	916	902	98	95	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 728261
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600022

METHOD BLANK: 3792456 Matrix: Water
Associated Lab Samples: 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	10/07/22 13:31	
Manganese	ug/L	ND	5.0	3.4	10/07/22 13:31	

LABORATORY CONTROL SAMPLE: 3792457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5110	102	80-120	
Manganese	ug/L	500	523	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792458 3792459

Parameter	Units	92628600022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	104	5000	5000	5140	5210	101	102	75-125	1	20	
Manganese	ug/L	352	500	500	851	853	100	100	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 728338
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3792728 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	10/08/22 12:13	
Manganese, Dissolved	ug/L	ND	5.0	3.4	10/08/22 12:13	

LABORATORY CONTROL SAMPLE: 3792729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4390	88	80-120	
Manganese, Dissolved	ug/L	500	458	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792730 3792731

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	2010	5000	5000	6420	6620	88	92	75-125	3	20	
Manganese, Dissolved	ug/L	324	500	500	770	787	89	92	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727349
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628600017, 92628600018

METHOD BLANK: 3787810 Matrix: Water
Associated Lab Samples: 92628600017, 92628600018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/01/22 22:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/01/22 22:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/01/22 22:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/01/22 22:31	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/01/22 22:31	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/01/22 22:31	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/01/22 22:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/01/22 22:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/01/22 22:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/01/22 22:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/01/22 22:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/01/22 22:31	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/01/22 22:31	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/01/22 22:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/01/22 22:31	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/01/22 22:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/01/22 22:31	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/01/22 22:31	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/01/22 22:31	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/01/22 22:31	
2-Hexanone	ug/L	ND	5.0	0.48	10/01/22 22:31	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/01/22 22:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/01/22 22:31	
Acetone	ug/L	ND	25.0	5.1	10/01/22 22:31	
Benzene	ug/L	ND	1.0	0.34	10/01/22 22:31	
Bromobenzene	ug/L	ND	1.0	0.29	10/01/22 22:31	
Bromochloromethane	ug/L	ND	1.0	0.47	10/01/22 22:31	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/01/22 22:31	
Bromoform	ug/L	ND	1.0	0.34	10/01/22 22:31	
Bromomethane	ug/L	ND	2.0	1.7	10/01/22 22:31	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/01/22 22:31	
Chlorobenzene	ug/L	ND	1.0	0.28	10/01/22 22:31	
Chloroethane	ug/L	ND	1.0	0.65	10/01/22 22:31	
Chloroform	ug/L	ND	1.0	0.43	10/01/22 22:31	
Chloromethane	ug/L	ND	1.0	0.54	10/01/22 22:31	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/01/22 22:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/01/22 22:31	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/01/22 22:31	
Dibromomethane	ug/L	ND	1.0	0.39	10/01/22 22:31	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/01/22 22:31	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3787810 Matrix: Water
Associated Lab Samples: 92628600017, 92628600018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/01/22 22:31	
Ethylbenzene	ug/L	ND	1.0	0.30	10/01/22 22:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/01/22 22:31	
m&p-Xylene	ug/L	ND	2.0	0.71	10/01/22 22:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/01/22 22:31	
Methylene Chloride	ug/L	ND	5.0	2.0	10/01/22 22:31	
Naphthalene	ug/L	ND	1.0	0.64	10/01/22 22:31	
o-Xylene	ug/L	ND	1.0	0.34	10/01/22 22:31	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/01/22 22:31	
Styrene	ug/L	ND	1.0	0.29	10/01/22 22:31	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/01/22 22:31	
Toluene	ug/L	ND	1.0	0.48	10/01/22 22:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/01/22 22:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/01/22 22:31	
Trichloroethene	ug/L	ND	1.0	0.38	10/01/22 22:31	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/01/22 22:31	
Vinyl acetate	ug/L	ND	2.0	1.3	10/01/22 22:31	
Vinyl chloride	ug/L	ND	1.0	0.39	10/01/22 22:31	
Xylene (Total)	ug/L	ND	1.0	0.34	10/01/22 22:31	
1,2-Dichloroethane-d4 (S)	%	91	70-130		10/01/22 22:31	
4-Bromofluorobenzene (S)	%	95	70-130		10/01/22 22:31	
Toluene-d8 (S)	%	101	70-130		10/01/22 22:31	

LABORATORY CONTROL SAMPLE: 3787811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.0	104	70-130	
1,1,1-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,2-Trichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethane	ug/L	50	46.6	93	70-130	
1,1-Dichloroethene	ug/L	50	45.9	92	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.1	100	70-130	
1,2,3-Trichloropropane	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.7	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.3	103	70-130	
1,2-Dichloroethane	ug/L	50	44.5	89	70-130	
1,2-Dichloropropane	ug/L	50	51.3	103	70-130	
1,3-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,3-Dichloropropane	ug/L	50	50.8	102	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
2,2-Dichloropropane	ug/L	50	45.2	90	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3787811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	86.6	87	70-130	
2-Chlorotoluene	ug/L	50	51.2	102	70-130	
2-Hexanone	ug/L	100	96.2	96	70-130	
4-Chlorotoluene	ug/L	50	51.0	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.0	92	70-130	
Acetone	ug/L	100	80.0	80	70-130	
Benzene	ug/L	50	47.5	95	70-130	
Bromobenzene	ug/L	50	52.1	104	70-130	
Bromochloromethane	ug/L	50	52.5	105	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	51.7	103	70-130	
Bromomethane	ug/L	50	36.8	74	70-130	v3
Carbon tetrachloride	ug/L	50	47.8	96	70-130	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	38.3	77	70-130	
Chloroform	ug/L	50	47.7	95	70-130	
Chloromethane	ug/L	50	48.3	97	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.0	104	70-130	
Dibromochloromethane	ug/L	50	51.7	103	70-130	
Dibromomethane	ug/L	50	52.4	105	70-130	
Dichlorodifluoromethane	ug/L	50	52.0	104	70-130	
Diisopropyl ether	ug/L	50	47.1	94	70-130	
Ethylbenzene	ug/L	50	50.1	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.3	105	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	46.6	93	70-130	
Methylene Chloride	ug/L	50	43.0	86	70-130	
Naphthalene	ug/L	50	53.2	106	70-130	
o-Xylene	ug/L	50	52.0	104	70-130	
p-Isopropyltoluene	ug/L	50	53.1	106	70-130	
Styrene	ug/L	50	52.6	105	70-130	
Tetrachloroethene	ug/L	50	50.8	102	70-130	
Toluene	ug/L	50	48.1	96	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.6	101	70-130	
Trichloroethene	ug/L	50	52.8	106	70-130	
Trichlorofluoromethane	ug/L	50	43.3	87	70-130	
Vinyl acetate	ug/L	100	91.3	91	70-130	
Vinyl chloride	ug/L	50	52.9	106	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE SAMPLE: 3787813

Parameter	Units	92628561016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.1	115	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	21.4	107	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.7	108	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	21.6	108	70-135	
1,1-Dichloroethane	ug/L	ND	20	19.7	99	70-139	
1,1-Dichloroethene	ug/L	ND	20	20.1	101	70-154	
1,1-Dichloropropene	ug/L	ND	20	21.6	108	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	25.3	126	70-135	v1
1,2,3-Trichloropropane	ug/L	ND	20	20.6	103	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	21.8	109	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	22.2	111	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	21.5	108	70-133	
1,2-Dichloroethane	ug/L	ND	20	19.1	95	70-137	
1,2-Dichloropropane	ug/L	ND	20	20.4	102	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	21.5	107	70-135	
1,3-Dichloropropane	ug/L	ND	20	21.6	108	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	21.5	107	70-133	
2,2-Dichloropropane	ug/L	ND	20	20.8	104	61-148	
2-Butanone (MEK)	ug/L	ND	40	41.5	104	60-139	
2-Chlorotoluene	ug/L	ND	20	21.0	105	70-144	
2-Hexanone	ug/L	ND	40	44.9	112	65-138	
4-Chlorotoluene	ug/L	ND	20	21.3	106	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40.1	100	65-135	
Acetone	ug/L	ND	40	45.0	112	60-148	
Benzene	ug/L	ND	20	19.9	99	70-151	
Bromobenzene	ug/L	ND	20	21.4	107	70-136	
Bromochloromethane	ug/L	ND	20	21.7	109	70-141	
Bromodichloromethane	ug/L	ND	20	19.8	99	70-138	
Bromoform	ug/L	ND	20	21.7	108	63-130	
Bromomethane	ug/L	ND	20	16.6	83	15-152	v3
Carbon tetrachloride	ug/L	ND	20	22.9	114	70-143	
Chlorobenzene	ug/L	ND	20	22.2	111	70-138	
Chloroethane	ug/L	ND	20	21.0	105	52-163	
Chloroform	ug/L	ND	20	20.7	103	70-139	
Chloromethane	ug/L	ND	20	17.6	88	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	19.8	99	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	19.8	99	70-137	
Dibromochloromethane	ug/L	ND	20	21.5	108	70-134	
Dibromomethane	ug/L	ND	20	20.5	102	70-138	
Dichlorodifluoromethane	ug/L	ND	20	19.9	100	47-155	
Diisopropyl ether	ug/L	ND	20	19.2	96	63-144	
Ethylbenzene	ug/L	ND	20	21.4	107	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	20.8	104	65-149	
m&p-Xylene	ug/L	ND	40	42.8	107	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	19.4	97	54-156	
Methylene Chloride	ug/L	ND	20	18.6	93	42-159	
Naphthalene	ug/L	ND	20	24.3	122	61-148	v1

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE SAMPLE: 3787813

Parameter	Units	92628561016 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
o-Xylene	ug/L	ND	20	21.6	108	70-148	
p-Isopropyltoluene	ug/L	ND	20	21.8	109	70-146	
Styrene	ug/L	ND	20	22.1	110	70-135	
Tetrachloroethene	ug/L	ND	20	21.8	109	59-143	
Toluene	ug/L	ND	20	20.0	100	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	19.5	97	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	20.9	105	70-135	
Trichloroethene	ug/L	ND	20	21.7	108	70-147	
Trichlorofluoromethane	ug/L	ND	20	20.0	100	70-148	
Vinyl acetate	ug/L	ND	40	37.7	94	49-151	
Vinyl chloride	ug/L	ND	20	20.8	104	70-156	
Xylene (Total)	ug/L	ND	60	64.3	107	63-158	
1,2-Dichloroethane-d4 (S)	%				93	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 3787812

Parameter	Units	92628561014 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	3.0	2.9	5	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	v1
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	2.0	1.8	10	30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	1.4	1.5	5	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

SAMPLE DUPLICATE: 3787812

Parameter	Units	92628561014 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	v2
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	0.40J		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	9.3	8.7	7	30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	1.2	1.1	10	30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	v1
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	3.5	3.3	7	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	2.4	1.6	42	30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	1.1	0.88J		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	93	98			
4-Bromofluorobenzene (S)	%	94	99			
Toluene-d8 (S)	%	101	102			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727357
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628600020, 92628600021, 92628600022

METHOD BLANK: 3787839 Matrix: Water
Associated Lab Samples: 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/02/22 23:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/02/22 23:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/02/22 23:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/02/22 23:50	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/02/22 23:50	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/02/22 23:50	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/02/22 23:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/02/22 23:50	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/02/22 23:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/02/22 23:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/02/22 23:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 23:50	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/02/22 23:50	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/02/22 23:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 23:50	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/02/22 23:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/02/22 23:50	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/02/22 23:50	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/02/22 23:50	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 23:50	
2-Hexanone	ug/L	ND	5.0	0.48	10/02/22 23:50	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 23:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/02/22 23:50	
Acetone	ug/L	ND	25.0	5.1	10/02/22 23:50	
Benzene	ug/L	ND	1.0	0.34	10/02/22 23:50	
Bromobenzene	ug/L	ND	1.0	0.29	10/02/22 23:50	
Bromochloromethane	ug/L	ND	1.0	0.47	10/02/22 23:50	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/02/22 23:50	
Bromoform	ug/L	ND	1.0	0.34	10/02/22 23:50	
Bromomethane	ug/L	ND	2.0	1.7	10/02/22 23:50	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/02/22 23:50	
Chlorobenzene	ug/L	ND	1.0	0.28	10/02/22 23:50	
Chloroethane	ug/L	ND	1.0	0.65	10/02/22 23:50	
Chloroform	ug/L	ND	1.0	0.43	10/02/22 23:50	
Chloromethane	ug/L	ND	1.0	0.54	10/02/22 23:50	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/02/22 23:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 23:50	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/02/22 23:50	
Dibromomethane	ug/L	ND	1.0	0.39	10/02/22 23:50	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/02/22 23:50	v2

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3787839 Matrix: Water
Associated Lab Samples: 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/02/22 23:50	
Ethylbenzene	ug/L	ND	1.0	0.30	10/02/22 23:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/02/22 23:50	
m&p-Xylene	ug/L	ND	2.0	0.71	10/02/22 23:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/02/22 23:50	
Methylene Chloride	ug/L	ND	5.0	2.0	10/02/22 23:50	
Naphthalene	ug/L	ND	1.0	0.64	10/02/22 23:50	
o-Xylene	ug/L	ND	1.0	0.34	10/02/22 23:50	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/02/22 23:50	
Styrene	ug/L	ND	1.0	0.29	10/02/22 23:50	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/02/22 23:50	
Toluene	ug/L	ND	1.0	0.48	10/02/22 23:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/02/22 23:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 23:50	
Trichloroethene	ug/L	ND	1.0	0.38	10/02/22 23:50	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/02/22 23:50	v2
Vinyl acetate	ug/L	ND	2.0	1.3	10/02/22 23:50	
Vinyl chloride	ug/L	ND	1.0	0.39	10/02/22 23:50	
Xylene (Total)	ug/L	ND	1.0	0.34	10/02/22 23:50	
1,2-Dichloroethane-d4 (S)	%	100	70-130		10/02/22 23:50	
4-Bromofluorobenzene (S)	%	100	70-130		10/02/22 23:50	
Toluene-d8 (S)	%	100	70-130		10/02/22 23:50	

LABORATORY CONTROL SAMPLE: 3787840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.2	102	70-130	
1,1,1-Trichloroethane	ug/L	50	46.9	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	70-130	
1,1,2-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1-Dichloroethane	ug/L	50	41.5	83	70-130	
1,1-Dichloroethene	ug/L	50	42.0	84	70-130	
1,1-Dichloropropene	ug/L	50	49.3	99	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.0	110	70-130	
1,2,3-Trichloropropane	ug/L	50	48.3	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.3	107	70-130	
1,2-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dichloroethane	ug/L	50	42.6	85	70-130	
1,2-Dichloropropane	ug/L	50	44.9	90	70-130	
1,3-Dichlorobenzene	ug/L	50	48.8	98	70-130	
1,3-Dichloropropane	ug/L	50	49.1	98	70-130	
1,4-Dichlorobenzene	ug/L	50	47.5	95	70-130	
2,2-Dichloropropane	ug/L	50	47.4	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3787840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	99.8	100	70-130	
2-Chlorotoluene	ug/L	50	47.6	95	70-130	
2-Hexanone	ug/L	100	107	107	70-130	
4-Chlorotoluene	ug/L	50	48.1	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.6	98	70-130	
Acetone	ug/L	100	99.8	100	70-130	
Benzene	ug/L	50	43.9	88	70-130	
Bromobenzene	ug/L	50	48.9	98	70-130	
Bromochloromethane	ug/L	50	48.9	98	70-130	
Bromodichloromethane	ug/L	50	46.3	93	70-130	
Bromoform	ug/L	50	53.0	106	70-130	
Bromomethane	ug/L	50	44.7	89	70-130	
Carbon tetrachloride	ug/L	50	47.7	95	70-130	
Chlorobenzene	ug/L	50	49.0	98	70-130	
Chloroethane	ug/L	50	42.1	84	70-130	
Chloroform	ug/L	50	42.7	85	70-130	
Chloromethane	ug/L	50	38.8	78	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	44.8	90	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Dibromochloromethane	ug/L	50	51.5	103	70-130	
Dibromomethane	ug/L	50	49.9	100	70-130	
Dichlorodifluoromethane	ug/L	50	39.1	78	70-130	v3
Diisopropyl ether	ug/L	50	47.8	96	70-130	
Ethylbenzene	ug/L	50	47.1	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.0	100	70-130	
m&p-Xylene	ug/L	100	95.4	95	70-130	
Methyl-tert-butyl ether	ug/L	50	47.9	96	70-130	
Methylene Chloride	ug/L	50	44.8	90	70-130	
Naphthalene	ug/L	50	54.8	110	70-130	
o-Xylene	ug/L	50	48.7	97	70-130	
p-Isopropyltoluene	ug/L	50	50.1	100	70-130	
Styrene	ug/L	50	50.0	100	70-130	
Tetrachloroethene	ug/L	50	47.7	95	70-130	
Toluene	ug/L	50	44.6	89	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.0	88	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Trichloroethene	ug/L	50	48.9	98	70-130	
Trichlorofluoromethane	ug/L	50	40.4	81	70-130	v3
Vinyl acetate	ug/L	100	98.0	98	70-130	
Vinyl chloride	ug/L	50	42.7	85	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787841 3787842

Parameter	Units	92628587003 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	5000	5000	5660	4150	113	83	73-134	31	30	R1
1,1,1-Trichloroethane	ug/L	ND	5000	5000	5590	3870	112	77	82-143	37	30	M1,R1
1,1,2,2-Tetrachloroethane	ug/L	ND	5000	5000	5290	3930	106	79	70-136	30	30	
1,1,2-Trichloroethane	ug/L	ND	5000	5000	5570	4080	111	82	70-135	31	30	R1
1,1-Dichloroethane	ug/L	ND	5000	5000	5020	3520	100	70	70-139	35	30	R1
1,1-Dichloroethene	ug/L	ND	5000	5000	5370	3670	107	73	70-154	38	30	R1
1,1-Dichloropropene	ug/L	ND	5000	5000	5630	4070	113	81	70-149	32	30	R1
1,2,3-Trichlorobenzene	ug/L	ND	5000	5000	6250	5010	125	100	70-135	22	30	
1,2,3-Trichloropropane	ug/L	ND	5000	5000	4990	3750	100	75	71-137	29	30	
1,2,4-Trichlorobenzene	ug/L	ND	5000	5000	5870	4580	115	89	73-140	25	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	5000	5000	5320	3990	106	80	65-134	29	30	
1,2-Dichlorobenzene	ug/L	ND	5000	5000	5450	4060	109	81	70-133	29	30	
1,2-Dichloroethane	ug/L	ND	5000	5000	4890	3420	98	68	70-137	35	30	M1,R1
1,2-Dichloropropane	ug/L	ND	5000	5000	5090	3920	102	78	70-140	26	30	
1,3-Dichlorobenzene	ug/L	ND	5000	5000	5390	3960	108	79	70-135	31	30	R1
1,3-Dichloropropane	ug/L	ND	5000	5000	5550	3910	111	78	70-143	35	30	R1
1,4-Dichlorobenzene	ug/L	ND	5000	5000	5340	4020	107	80	70-133	28	30	
2,2-Dichloropropane	ug/L	ND	5000	5000	5300	3570	105	70	61-148	39	30	R1
2-Butanone (MEK)	ug/L	ND	10000	10000	11000	7430	104	69	60-139	38	30	R1
2-Chlorotoluene	ug/L	ND	5000	5000	4890	3670	98	73	70-144	29	30	
2-Hexanone	ug/L	1570	10000	10000	12400	9630	109	81	65-138	25	30	
4-Chlorotoluene	ug/L	ND	5000	5000	5140	3980	103	80	70-137	25	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	10000	10000	10400	7680	104	77	65-135	30	30	
Acetone	ug/L	ND	10000	10000	11400	8660	114	87	60-148	27	30	
Benzene	ug/L	18600	5000	5000	23200	22400	92	75	70-151	4	30	
Bromobenzene	ug/L	ND	5000	5000	5430	4090	109	82	70-136	28	30	
Bromochloromethane	ug/L	ND	5000	5000	5660	3930	113	79	70-141	36	30	R1
Bromodichloromethane	ug/L	ND	5000	5000	5200	3900	104	78	70-138	29	30	
Bromoform	ug/L	ND	5000	5000	5490	4030	110	81	63-130	31	30	R1
Bromomethane	ug/L	ND	5000	5000	2840	2440	54	46	15-152	15	30	
Carbon tetrachloride	ug/L	ND	5000	5000	5870	4370	117	87	70-143	29	30	
Chlorobenzene	ug/L	ND	5000	5000	5660	4180	112	82	70-138	30	30	
Chloroethane	ug/L	ND	5000	5000	4910	3690	98	74	52-163	28	30	
Chloroform	ug/L	ND	5000	5000	5410	3510	107	69	70-139	42	30	M1,R1
Chloromethane	ug/L	ND	5000	5000	4390	3200	88	64	41-139	31	30	R1
cis-1,2-Dichloroethene	ug/L	ND	5000	5000	5160	3640	102	72	70-141	34	30	R1
cis-1,3-Dichloropropene	ug/L	ND	5000	5000	5430	3850	109	77	70-137	34	30	R1
Dibromochloromethane	ug/L	ND	5000	5000	5560	3990	111	80	70-134	33	30	R1
Dibromomethane	ug/L	ND	5000	5000	5460	4200	109	84	70-138	26	30	
Dichlorodifluoromethane	ug/L	ND	5000	5000	4590	3270	92	65	47-155	34	30	R1
Diisopropyl ether	ug/L	602	5000	5000	5420	3980	96	68	63-144	31	30	R1
Ethylbenzene	ug/L	1590	5000	5000	7050	5580	109	80	66-153	23	30	
Hexachloro-1,3-butadiene	ug/L	ND	5000	5000	5850	4660	117	93	65-149	23	30	
m&p-Xylene	ug/L	7440	10000	10000	18900	15900	114	84	69-152	17	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787841 3787842

Parameter	Units	92628587003 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	636	5000	5000	5590	4040	99	68	54-156	32	30	R1
Methylene Chloride	ug/L	ND	5000	5000	5070	3180	101	64	42-159	46	30	R1
Naphthalene	ug/L	651	5000	5000	6720	5490	121	97	61-148	20	30	
o-Xylene	ug/L	4020	5000	5000	9750	8320	115	86	70-148	16	30	
p-Isopropyltoluene	ug/L	ND	5000	5000	5620	4170	112	83	70-146	30	30	
Styrene	ug/L	ND	5000	5000	5780	4120	114	81	70-135	34	30	R1
Tetrachloroethene	ug/L	ND	5000	5000	5730	4060	115	81	59-143	34	30	R1
Toluene	ug/L	26400	5000	5000	30400	29400	80	61	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	5000	5000	5410	3660	108	73	70-146	39	30	R1
trans-1,3-Dichloropropene	ug/L	ND	5000	5000	5200	3890	104	78	70-135	29	30	
Trichloroethene	ug/L	ND	5000	5000	5800	4220	116	84	70-147	32	30	R1
Trichlorofluoromethane	ug/L	ND	5000	5000	5120	3560	102	71	70-148	36	30	R1
Vinyl acetate	ug/L	ND	10000	10000	10000	6930	100	69	49-151	37	30	R1
Vinyl chloride	ug/L	ND	5000	5000	5110	3640	102	73	70-156	34	30	R1
Xylene (Total)	ug/L	11500	15000	15000	28600	24200	114	85	63-158	17	30	
1,2-Dichloroethane-d4 (S)	%						91	85	70-130			
4-Bromofluorobenzene (S)	%						108	100	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727358
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628600001, 92628600003, 92628600004, 92628600005, 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600013, 92628600014, 92628600015, 92628600016

METHOD BLANK: 3787843
Matrix: Water
Associated Lab Samples: 92628600001, 92628600003, 92628600004, 92628600005, 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600013, 92628600014, 92628600015, 92628600016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/02/22 20:05	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/02/22 20:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/02/22 20:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/02/22 20:05	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/02/22 20:05	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/02/22 20:05	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/02/22 20:05	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/02/22 20:05	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/02/22 20:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/02/22 20:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/02/22 20:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 20:05	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/02/22 20:05	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/02/22 20:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 20:05	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/02/22 20:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/02/22 20:05	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/02/22 20:05	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/02/22 20:05	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 20:05	
2-Hexanone	ug/L	ND	5.0	0.48	10/02/22 20:05	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 20:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/02/22 20:05	
Acetone	ug/L	ND	25.0	5.1	10/02/22 20:05	
Benzene	ug/L	ND	1.0	0.34	10/02/22 20:05	
Bromobenzene	ug/L	ND	1.0	0.29	10/02/22 20:05	
Bromochloromethane	ug/L	ND	1.0	0.47	10/02/22 20:05	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/02/22 20:05	
Bromoform	ug/L	ND	1.0	0.34	10/02/22 20:05	
Bromomethane	ug/L	ND	2.0	1.7	10/02/22 20:05	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/02/22 20:05	
Chlorobenzene	ug/L	ND	1.0	0.28	10/02/22 20:05	
Chloroethane	ug/L	ND	1.0	0.65	10/02/22 20:05	
Chloroform	ug/L	ND	1.0	0.43	10/02/22 20:05	
Chloromethane	ug/L	ND	1.0	0.54	10/02/22 20:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/02/22 20:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 20:05	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/02/22 20:05	
Dibromomethane	ug/L	ND	1.0	0.39	10/02/22 20:05	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3787843 Matrix: Water
Associated Lab Samples: 92628600001, 92628600003, 92628600004, 92628600005, 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600013, 92628600014, 92628600015, 92628600016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/02/22 20:05	
Diisopropyl ether	ug/L	ND	1.0	0.31	10/02/22 20:05	
Ethylbenzene	ug/L	ND	1.0	0.30	10/02/22 20:05	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/02/22 20:05	
m&p-Xylene	ug/L	ND	2.0	0.71	10/02/22 20:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/02/22 20:05	
Methylene Chloride	ug/L	ND	5.0	2.0	10/02/22 20:05	
Naphthalene	ug/L	ND	1.0	0.64	10/02/22 20:05	
o-Xylene	ug/L	ND	1.0	0.34	10/02/22 20:05	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/02/22 20:05	
Styrene	ug/L	ND	1.0	0.29	10/02/22 20:05	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/02/22 20:05	
Toluene	ug/L	ND	1.0	0.48	10/02/22 20:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/02/22 20:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 20:05	
Trichloroethene	ug/L	ND	1.0	0.38	10/02/22 20:05	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/02/22 20:05	
Vinyl acetate	ug/L	ND	2.0	1.3	10/02/22 20:05	
Vinyl chloride	ug/L	ND	1.0	0.39	10/02/22 20:05	
Xylene (Total)	ug/L	ND	1.0	0.34	10/02/22 20:05	
1,2-Dichloroethane-d4 (S)	%	119	70-130		10/02/22 20:05	
4-Bromofluorobenzene (S)	%	98	70-130		10/02/22 20:05	
Toluene-d8 (S)	%	102	70-130		10/02/22 20:05	

LABORATORY CONTROL SAMPLE: 3787844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.1	96	70-130	
1,1,1-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.2	108	70-130	
1,1,2-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethene	ug/L	50	55.3	111	70-130	
1,1-Dichloropropene	ug/L	50	53.9	108	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.3	93	70-130	
1,2,3-Trichloropropane	ug/L	50	53.7	107	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.7	91	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	93	70-130	
1,2-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dichloroethane	ug/L	50	57.0	114	70-130	
1,2-Dichloropropane	ug/L	50	50.3	101	70-130	
1,3-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,3-Dichloropropane	ug/L	50	50.6	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3787844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.5	99	70-130	
2,2-Dichloropropane	ug/L	50	50.1	100	70-130	
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	50.9	102	70-130	
2-Hexanone	ug/L	100	107	107	70-130	
4-Chlorotoluene	ug/L	50	51.2	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-130	
Acetone	ug/L	100	119	119	70-130	
Benzene	ug/L	50	45.6	91	70-130	
Bromobenzene	ug/L	50	48.0	96	70-130	
Bromochloromethane	ug/L	50	49.1	98	70-130	
Bromodichloromethane	ug/L	50	49.3	99	70-130	
Bromoform	ug/L	50	44.8	90	70-130	
Bromomethane	ug/L	50	37.8	76	70-130	v3
Carbon tetrachloride	ug/L	50	45.7	91	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	59.0	118	70-130	
Chloroform	ug/L	50	50.6	101	70-130	
Chloromethane	ug/L	50	44.1	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	70-130	
Dibromochloromethane	ug/L	50	45.0	90	70-130	
Dibromomethane	ug/L	50	47.0	94	70-130	
Dichlorodifluoromethane	ug/L	50	53.3	107	70-130	
Diisopropyl ether	ug/L	50	49.5	99	70-130	
Ethylbenzene	ug/L	50	49.5	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.9	92	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	50.7	101	70-130	
Methylene Chloride	ug/L	50	49.9	100	70-130	
Naphthalene	ug/L	50	46.9	94	70-130	
o-Xylene	ug/L	50	48.1	96	70-130	
p-Isopropyltoluene	ug/L	50	50.0	100	70-130	
Styrene	ug/L	50	48.1	96	70-130	
Tetrachloroethene	ug/L	50	43.6	87	70-130	
Toluene	ug/L	50	49.2	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	52.0	104	70-130	
Vinyl acetate	ug/L	100	107	107	70-130	
Vinyl chloride	ug/L	50	55.5	111	70-130	
Xylene (Total)	ug/L	150	148	99	70-130	
1,2-Dichloroethane-d4 (S)	%			114	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787845 3787846

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	22.0	115	110	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.1	21.9	116	110	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.2	21.7	111	109	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.1	22.5	115	112	70-135	3	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.0	20.1	100	100	70-139	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.1	20.7	105	104	70-154	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.0	22.1	115	111	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	25.0	25.5	125	128	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.9	20.5	100	102	71-137	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.3	22.3	117	112	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.9	21.2	115	106	65-134	8	30	
1,2-Dichlorobenzene	ug/L	0.49J	20	20	23.4	22.4	114	109	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.0	19.3	100	97	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.1	21.0	110	105	70-140	5	30	
1,3-Dichlorobenzene	ug/L	0.84J	20	20	22.1	22.3	106	107	70-135	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	21.8	21.9	109	109	70-143	0	30	
1,4-Dichlorobenzene	ug/L	0.40J	20	20	22.1	21.5	109	105	70-133	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	22.0	20.1	110	101	61-148	9	30	
2-Butanone (MEK)	ug/L	ND	40	40	43.9	42.9	110	107	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	21.9	21.0	110	105	70-144	4	30	
2-Hexanone	ug/L	ND	40	40	45.1	45.0	113	113	65-138	0	30	
4-Chlorotoluene	ug/L	ND	20	20	21.8	21.1	109	106	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	42.8	40.2	107	101	65-135	6	30	
Acetone	ug/L	ND	40	40	43.4	40.7	108	102	60-148	6	30	
Benzene	ug/L	ND	20	20	22.1	20.9	110	104	70-151	6	30	
Bromobenzene	ug/L	ND	20	20	22.5	21.9	113	109	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	22.1	21.5	111	108	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	22.2	21.5	111	108	70-138	3	30	
Bromoform	ug/L	ND	20	20	22.7	21.8	113	109	63-130	4	30	
Bromomethane	ug/L	ND	20	20	18.7	18.5	94	93	15-152	1	30	v3
Carbon tetrachloride	ug/L	ND	20	20	24.3	23.1	122	116	70-143	5	30	
Chlorobenzene	ug/L	ND	20	20	22.9	22.5	114	112	70-138	2	30	
Chloroethane	ug/L	ND	20	20	21.1	20.1	105	100	52-163	5	30	
Chloroform	ug/L	ND	20	20	21.1	20.4	105	102	70-139	3	30	
Chloromethane	ug/L	ND	20	20	17.6	17.2	88	86	41-139	2	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.9	20.3	104	102	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	21.0	112	105	70-137	6	30	
Dibromochloromethane	ug/L	ND	20	20	23.0	21.9	115	109	70-134	5	30	
Dibromomethane	ug/L	ND	20	20	24.0	22.2	120	111	70-138	8	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.2	17.7	91	89	47-155	3	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.1	100	101	63-144	1	30	
Ethylbenzene	ug/L	ND	20	20	21.9	21.8	110	109	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.6	22.1	113	111	65-149	2	30	
m&p-Xylene	ug/L	ND	40	40	43.2	42.7	108	107	69-152	1	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787845 3787846

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	19.8	103	99	54-156	4	30	
Methylene Chloride	ug/L	ND	20	20	20.6	17.8	103	89	42-159	15	30	
Naphthalene	ug/L	ND	20	20	24.1	23.8	121	119	61-148	1	30	
o-Xylene	ug/L	ND	20	20	21.8	21.9	109	109	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.3	22.0	111	110	70-146	1	30	
Styrene	ug/L	ND	20	20	22.1	22.0	110	110	70-135	0	30	
Tetrachloroethene	ug/L	ND	20	20	21.1	21.5	105	108	59-143	2	30	
Toluene	ug/L	ND	20	20	22.1	20.7	110	103	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.6	20.6	108	103	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.9	21.9	114	109	70-135	4	30	
Trichloroethene	ug/L	ND	20	20	24.5	23.3	122	117	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.1	19.6	100	98	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	37.9	37.0	95	93	49-151	3	30	
Vinyl chloride	ug/L	ND	20	20	21.5	20.1	108	101	70-156	7	30	
Xylene (Total)	ug/L	ND	60	60	65.0	64.6	108	108	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						90	92	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						102	98	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788964 3788965

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.4	21.2	112	106	73-134	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	22.1	20.8	110	104	82-143	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.1	21.3	106	107	70-136	1	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	21.4	111	107	70-135	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.8	18.7	99	94	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.2	19.1	101	96	70-154	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.0	21.3	105	106	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	23.7	26.0	119	130	70-135	9	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.6	20.4	98	102	71-137	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.7	22.4	109	112	73-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	22.1	106	110	65-134	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.8	21.0	109	105	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.9	18.8	99	94	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.4	20.3	107	101	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.1	20.7	105	103	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.4	21.1	102	105	70-143	3	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.4	20.4	102	102	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.9	19.5	105	97	61-148	7	30	
2-Butanone (MEK)	ug/L	ND	40	40	43.4	42.5	109	106	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	21.2	20.9	106	104	70-144	2	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3788964 3788965

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Hexanone	ug/L	ND	40	40	41.8	45.5	104	114	65-138	9	30	
4-Chlorotoluene	ug/L	ND	20	20	21.2	20.8	106	104	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.6	41.0	99	102	65-135	3	30	
Acetone	ug/L	ND	40	40	42.7	42.0	107	105	60-148	2	30	
Benzene	ug/L	0.38J	20	20	21.1	19.9	104	98	70-151	6	30	
Bromobenzene	ug/L	ND	20	20	21.4	20.7	107	104	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	22.2	20.6	111	103	70-141	8	30	
Bromodichloromethane	ug/L	ND	20	20	21.0	20.1	105	101	70-138	4	30	
Bromoform	ug/L	ND	20	20	21.0	21.7	105	109	63-130	4	30	
Bromomethane	ug/L	ND	20	20	18.2	18.6	91	93	15-152	2	30	v3
Carbon tetrachloride	ug/L	ND	20	20	22.9	21.9	114	110	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	21.6	21.5	108	107	70-138	0	30	
Chloroethane	ug/L	ND	20	20	21.3	18.8	107	94	52-163	13	30	
Chloroform	ug/L	ND	20	20	20.0	18.1	100	90	70-139	10	30	
Chloromethane	ug/L	ND	20	20	18.5	16.3	93	81	41-139	13	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.7	19.2	103	96	70-141	7	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	20.5	102	103	70-137	0	30	
Dibromochloromethane	ug/L	ND	20	20	21.5	20.9	107	105	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	21.4	20.6	107	103	70-138	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.1	16.7	91	83	47-155	8	30	
Diisopropyl ether	ug/L	ND	20	20	19.1	18.3	95	92	63-144	4	30	
Ethylbenzene	ug/L	0.33J	20	20	21.6	21.1	107	104	66-153	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.2	22.0	111	110	65-149	1	30	
m&p-Xylene	ug/L	ND	40	40	42.7	41.4	107	104	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.8	19.2	99	96	54-156	3	30	
Methylene Chloride	ug/L	ND	20	20	20.6	18.6	103	93	42-159	10	30	
Naphthalene	ug/L	3.2	20	20	27.3	29.6	120	132	61-148	8	30	
o-Xylene	ug/L	ND	20	20	21.7	21.0	107	104	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.5	21.3	108	106	70-146	1	30	
Styrene	ug/L	ND	20	20	21.9	21.3	109	107	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.7	20.5	104	103	59-143	1	30	
Toluene	ug/L	ND	20	20	20.5	19.8	102	99	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	19.0	102	95	70-146	7	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.2	20.8	106	104	70-135	2	30	
Trichloroethene	ug/L	ND	20	20	22.9	21.4	114	107	70-147	7	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.9	18.1	100	91	70-148	9	30	
Vinyl acetate	ug/L	ND	40	40	35.6	35.6	89	89	49-151	0	30	
Vinyl chloride	ug/L	ND	20	20	20.9	19.3	105	96	70-156	8	30	
Xylene (Total)	ug/L	ND	60	60	64.4	62.5	107	104	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						92	90	70-130			
4-Bromofluorobenzene (S)	%						100	103	70-130			
Toluene-d8 (S)	%						98	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727359
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628600012, 92628600019

METHOD BLANK: 3787847 Matrix: Water
Associated Lab Samples: 92628600012, 92628600019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/02/22 18:35	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/02/22 18:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/02/22 18:35	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/02/22 18:35	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/02/22 18:35	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/02/22 18:35	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/02/22 18:35	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/02/22 18:35	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/02/22 18:35	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/02/22 18:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/02/22 18:35	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 18:35	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/02/22 18:35	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/02/22 18:35	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/02/22 18:35	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/02/22 18:35	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/02/22 18:35	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/02/22 18:35	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/02/22 18:35	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 18:35	
2-Hexanone	ug/L	ND	5.0	0.48	10/02/22 18:35	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/02/22 18:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/02/22 18:35	
Acetone	ug/L	ND	25.0	5.1	10/02/22 18:35	
Benzene	ug/L	ND	1.0	0.34	10/02/22 18:35	
Bromobenzene	ug/L	ND	1.0	0.29	10/02/22 18:35	
Bromochloromethane	ug/L	ND	1.0	0.47	10/02/22 18:35	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/02/22 18:35	
Bromoform	ug/L	ND	1.0	0.34	10/02/22 18:35	
Bromomethane	ug/L	ND	2.0	1.7	10/02/22 18:35	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/02/22 18:35	
Chlorobenzene	ug/L	ND	1.0	0.28	10/02/22 18:35	
Chloroethane	ug/L	ND	1.0	0.65	10/02/22 18:35	v2
Chloroform	ug/L	ND	1.0	0.43	10/02/22 18:35	
Chloromethane	ug/L	ND	1.0	0.54	10/02/22 18:35	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/02/22 18:35	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 18:35	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/02/22 18:35	
Dibromomethane	ug/L	ND	1.0	0.39	10/02/22 18:35	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/02/22 18:35	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3787847 Matrix: Water
Associated Lab Samples: 92628600012, 92628600019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/02/22 18:35	
Ethylbenzene	ug/L	ND	1.0	0.30	10/02/22 18:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/02/22 18:35	
m&p-Xylene	ug/L	ND	2.0	0.71	10/02/22 18:35	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/02/22 18:35	
Methylene Chloride	ug/L	ND	5.0	2.0	10/02/22 18:35	
Naphthalene	ug/L	ND	1.0	0.64	10/02/22 18:35	
o-Xylene	ug/L	ND	1.0	0.34	10/02/22 18:35	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/02/22 18:35	
Styrene	ug/L	ND	1.0	0.29	10/02/22 18:35	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/02/22 18:35	
Toluene	ug/L	ND	1.0	0.48	10/02/22 18:35	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/02/22 18:35	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/02/22 18:35	
Trichloroethene	ug/L	ND	1.0	0.38	10/02/22 18:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/02/22 18:35	
Vinyl acetate	ug/L	ND	2.0	1.3	10/02/22 18:35	
Vinyl chloride	ug/L	ND	1.0	0.39	10/02/22 18:35	
Xylene (Total)	ug/L	ND	1.0	0.34	10/02/22 18:35	
1,2-Dichloroethane-d4 (S)	%	92	70-130		10/02/22 18:35	
4-Bromofluorobenzene (S)	%	94	70-130		10/02/22 18:35	
Toluene-d8 (S)	%	101	70-130		10/02/22 18:35	

LABORATORY CONTROL SAMPLE: 3787848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.4	107	70-130	
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,2-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethane	ug/L	50	48.8	98	70-130	
1,1-Dichloroethene	ug/L	50	47.8	96	70-130	
1,1-Dichloropropene	ug/L	50	53.0	106	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2,3-Trichloropropane	ug/L	50	48.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.4	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.1	104	70-130	
1,2-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,2-Dichloroethane	ug/L	50	45.7	91	70-130	
1,2-Dichloropropane	ug/L	50	52.0	104	70-130	
1,3-Dichlorobenzene	ug/L	50	53.2	106	70-130	
1,3-Dichloropropane	ug/L	50	51.7	103	70-130	
1,4-Dichlorobenzene	ug/L	50	52.5	105	70-130	
2,2-Dichloropropane	ug/L	50	46.6	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3787848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	88.6	89	70-130	
2-Chlorotoluene	ug/L	50	52.7	105	70-130	
2-Hexanone	ug/L	100	96.2	96	70-130	
4-Chlorotoluene	ug/L	50	52.0	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.0	92	70-130	
Acetone	ug/L	100	82.4	82	70-130	
Benzene	ug/L	50	48.5	97	70-130	
Bromobenzene	ug/L	50	53.1	106	70-130	
Bromochloromethane	ug/L	50	53.6	107	70-130	
Bromodichloromethane	ug/L	50	49.7	99	70-130	
Bromoform	ug/L	50	52.5	105	70-130	
Bromomethane	ug/L	50	38.0	76	70-130	v3
Carbon tetrachloride	ug/L	50	48.6	97	70-130	
Chlorobenzene	ug/L	50	52.7	105	70-130	
Chloroethane	ug/L	50	39.2	78	70-130	v3
Chloroform	ug/L	50	50.1	100	70-130	
Chloromethane	ug/L	50	49.5	99	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.1	104	70-130	
Dibromochloromethane	ug/L	50	52.8	106	70-130	
Dibromomethane	ug/L	50	52.4	105	70-130	
Dichlorodifluoromethane	ug/L	50	50.5	101	70-130	
Diisopropyl ether	ug/L	50	48.3	97	70-130	
Ethylbenzene	ug/L	50	50.9	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.4	105	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	47.2	94	70-130	
Methylene Chloride	ug/L	50	44.8	90	70-130	
Naphthalene	ug/L	50	52.9	106	70-130	
o-Xylene	ug/L	50	52.5	105	70-130	
p-Isopropyltoluene	ug/L	50	54.2	108	70-130	
Styrene	ug/L	50	53.4	107	70-130	
Tetrachloroethene	ug/L	50	51.6	103	70-130	
Toluene	ug/L	50	48.7	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	44.6	89	70-130	
Vinyl acetate	ug/L	100	93.2	93	70-130	
Vinyl chloride	ug/L	50	54.4	109	70-130	
Xylene (Total)	ug/L	150	155	104	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787849 3787850

Parameter	Units	92628600012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.5	22.6	102	113	73-134	10	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.1	21.6	100	108	82-143	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.8	21.9	99	109	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.0	22.0	100	110	70-135	10	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.7	21.3	98	106	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	19.5	21.0	98	105	70-154	7	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.3	22.7	107	114	70-149	6	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.8	21.5	94	108	70-135	13	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	18.6	20.5	93	102	71-137	10	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.6	22.1	98	111	73-140	12	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.8	21.1	94	105	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	22.9	102	115	70-133	12	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.2	19.5	91	98	70-137	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.3	22.3	102	111	70-140	9	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.0	23.7	105	118	70-135	12	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.1	21.9	101	109	70-143	8	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.4	22.6	102	113	70-133	10	30	
2,2-Dichloropropane	ug/L	ND	20	20	17.6	19.3	88	97	61-148	10	30	
2-Butanone (MEK)	ug/L	ND	40	40	37.2	39.4	93	98	60-139	6	30	
2-Chlorotoluene	ug/L	ND	20	20	21.0	23.1	105	116	70-144	9	30	
2-Hexanone	ug/L	ND	40	40	36.8	40.3	92	101	65-138	9	30	
4-Chlorotoluene	ug/L	ND	20	20	20.8	22.7	104	113	70-137	9	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	35.1	37.7	88	94	65-135	7	30	
Acetone	ug/L	ND	40	40	32.8	34.4	82	86	60-148	5	30	
Benzene	ug/L	ND	20	20	19.8	21.5	99	108	70-151	8	30	
Bromobenzene	ug/L	ND	20	20	21.0	23.7	105	118	70-136	12	30	
Bromochloromethane	ug/L	ND	20	20	20.8	23.1	104	115	70-141	10	30	
Bromodichloromethane	ug/L	ND	20	20	19.4	21.2	97	106	70-138	9	30	
Bromoform	ug/L	ND	20	20	18.8	20.8	94	104	63-130	10	30	
Bromomethane	ug/L	ND	20	20	13.3	17.1	67	85	15-152	25	30	v3
Carbon tetrachloride	ug/L	ND	20	20	20.1	21.6	100	108	70-143	7	30	
Chlorobenzene	ug/L	ND	20	20	21.5	23.5	107	118	70-138	9	30	
Chloroethane	ug/L	ND	20	20	22.8	23.8	114	119	52-163	4	30	
Chloroform	ug/L	ND	20	20	19.7	21.3	99	106	70-139	8	30	
Chloromethane	ug/L	ND	20	20	18.6	20.3	93	102	41-139	9	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.6	21.1	98	106	70-141	7	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.1	21.0	96	105	70-137	9	30	
Dibromochloromethane	ug/L	ND	20	20	19.7	21.7	98	109	70-134	10	30	
Dibromomethane	ug/L	ND	20	20	20.4	22.3	102	112	70-138	9	30	
Dichlorodifluoromethane	ug/L	ND	20	20	19.3	20.6	96	103	47-155	7	30	
Diisopropyl ether	ug/L	ND	20	20	18.4	19.9	92	99	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	20.6	22.7	103	114	66-153	10	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	23.3	102	116	65-149	13	30	
m&p-Xylene	ug/L	ND	40	40	41.4	45.5	104	114	69-152	9	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787849 3787850

Parameter	Units	92628600012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	17.8	19.2	89	96	54-156	8	30	
Methylene Chloride	ug/L	ND	20	20	18.1	19.6	91	98	42-159	8	30	
Naphthalene	ug/L	ND	20	20	18.6	22.0	93	110	61-148	17	30	
o-Xylene	ug/L	ND	20	20	20.6	23.1	103	116	70-148	11	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.1	23.7	105	118	70-146	12	30	
Styrene	ug/L	ND	20	20	20.5	22.5	102	112	70-135	9	30	
Tetrachloroethene	ug/L	ND	20	20	20.6	22.3	103	111	59-143	8	30	
Toluene	ug/L	ND	20	20	19.9	21.7	99	109	59-148	9	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	21.6	102	108	70-146	6	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.9	20.4	95	102	70-135	8	30	
Trichloroethene	ug/L	ND	20	20	21.7	23.6	109	118	70-147	8	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.4	20.9	97	104	70-148	7	30	
Vinyl acetate	ug/L	ND	40	40	32.8	35.5	82	89	49-151	8	30	
Vinyl chloride	ug/L	ND	20	20	21.8	23.2	109	116	70-156	6	30	
Xylene (Total)	ug/L	ND	60	60	62.1	68.6	103	114	63-158	10	30	
1,2-Dichloroethane-d4 (S)	%						91	89	70-130			
4-Bromofluorobenzene (S)	%						96	95	70-130			
Toluene-d8 (S)	%						98	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727774
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92628600002

METHOD BLANK: 3790047 Matrix: Water
Associated Lab Samples: 92628600002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/05/22 14:41	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/05/22 14:41	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/05/22 14:41	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/05/22 14:41	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/05/22 14:41	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/05/22 14:41	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/05/22 14:41	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/05/22 14:41	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/05/22 14:41	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/05/22 14:41	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/05/22 14:41	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/05/22 14:41	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/05/22 14:41	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/05/22 14:41	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/05/22 14:41	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/05/22 14:41	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/05/22 14:41	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/05/22 14:41	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/05/22 14:41	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/05/22 14:41	
2-Hexanone	ug/L	ND	5.0	0.48	10/05/22 14:41	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/05/22 14:41	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/05/22 14:41	
Acetone	ug/L	ND	25.0	5.1	10/05/22 14:41	v1
Benzene	ug/L	ND	1.0	0.34	10/05/22 14:41	
Bromobenzene	ug/L	ND	1.0	0.29	10/05/22 14:41	
Bromochloromethane	ug/L	ND	1.0	0.47	10/05/22 14:41	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/05/22 14:41	
Bromoform	ug/L	ND	1.0	0.34	10/05/22 14:41	
Bromomethane	ug/L	ND	2.0	1.7	10/05/22 14:41	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/05/22 14:41	
Chlorobenzene	ug/L	ND	1.0	0.28	10/05/22 14:41	
Chloroethane	ug/L	ND	1.0	0.65	10/05/22 14:41	
Chloroform	ug/L	ND	1.0	0.43	10/05/22 14:41	
Chloromethane	ug/L	ND	1.0	0.54	10/05/22 14:41	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/05/22 14:41	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/05/22 14:41	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/05/22 14:41	
Dibromomethane	ug/L	ND	1.0	0.39	10/05/22 14:41	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/05/22 14:41	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3790047 Matrix: Water
Associated Lab Samples: 92628600002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/05/22 14:41	
Ethylbenzene	ug/L	ND	1.0	0.30	10/05/22 14:41	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/05/22 14:41	
m&p-Xylene	ug/L	ND	2.0	0.71	10/05/22 14:41	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/05/22 14:41	
Methylene Chloride	ug/L	ND	5.0	2.0	10/05/22 14:41	
Naphthalene	ug/L	ND	1.0	0.64	10/05/22 14:41	
o-Xylene	ug/L	ND	1.0	0.34	10/05/22 14:41	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/05/22 14:41	
Styrene	ug/L	ND	1.0	0.29	10/05/22 14:41	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/05/22 14:41	
Toluene	ug/L	ND	1.0	0.48	10/05/22 14:41	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/05/22 14:41	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/05/22 14:41	
Trichloroethene	ug/L	ND	1.0	0.38	10/05/22 14:41	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/05/22 14:41	
Vinyl acetate	ug/L	ND	2.0	1.3	10/05/22 14:41	
Vinyl chloride	ug/L	ND	1.0	0.39	10/05/22 14:41	
Xylene (Total)	ug/L	ND	1.0	0.34	10/05/22 14:41	
1,2-Dichloroethane-d4 (S)	%	109	70-130		10/05/22 14:41	
4-Bromofluorobenzene (S)	%	96	70-130		10/05/22 14:41	
Toluene-d8 (S)	%	100	70-130		10/05/22 14:41	

LABORATORY CONTROL SAMPLE: 3790048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.2	92	70-130	
1,1,1-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	70-130	
1,1,2-Trichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethane	ug/L	50	47.6	95	70-130	
1,1-Dichloroethene	ug/L	50	49.9	100	70-130	
1,1-Dichloropropene	ug/L	50	50.3	101	70-130	
1,2,3-Trichlorobenzene	ug/L	50	44.6	89	70-130	
1,2,3-Trichloropropane	ug/L	50	50.4	101	70-130	
1,2,4-Trichlorobenzene	ug/L	50	44.2	88	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.5	91	70-130	
1,2-Dichlorobenzene	ug/L	50	48.1	96	70-130	
1,2-Dichloroethane	ug/L	50	49.0	98	70-130	
1,2-Dichloropropane	ug/L	50	47.1	94	70-130	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,3-Dichloropropane	ug/L	50	48.5	97	70-130	
1,4-Dichlorobenzene	ug/L	50	46.9	94	70-130	
2,2-Dichloropropane	ug/L	50	45.9	92	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3790048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	106	106	70-130	
2-Chlorotoluene	ug/L	50	47.4	95	70-130	
2-Hexanone	ug/L	100	106	106	70-130	
4-Chlorotoluene	ug/L	50	47.1	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	70-130	
Acetone	ug/L	100	113	113	70-130	v1
Benzene	ug/L	50	43.4	87	70-130	
Bromobenzene	ug/L	50	46.1	92	70-130	
Bromochloromethane	ug/L	50	48.1	96	70-130	
Bromodichloromethane	ug/L	50	45.9	92	70-130	
Bromoform	ug/L	50	44.3	89	70-130	
Bromomethane	ug/L	50	36.9	74	70-130	
Carbon tetrachloride	ug/L	50	43.0	86	70-130	
Chlorobenzene	ug/L	50	48.1	96	70-130	
Chloroethane	ug/L	50	49.4	99	70-130	
Chloroform	ug/L	50	48.7	97	70-130	
Chloromethane	ug/L	50	45.4	91	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Dibromochloromethane	ug/L	50	43.8	88	70-130	
Dibromomethane	ug/L	50	44.8	90	70-130	
Dichlorodifluoromethane	ug/L	50	46.2	92	70-130	
Diisopropyl ether	ug/L	50	49.4	99	70-130	
Ethylbenzene	ug/L	50	47.4	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	70-130	
m&p-Xylene	ug/L	100	96.4	96	70-130	
Methyl-tert-butyl ether	ug/L	50	48.5	97	70-130	
Methylene Chloride	ug/L	50	46.9	94	70-130	
Naphthalene	ug/L	50	46.6	93	70-130	
o-Xylene	ug/L	50	47.1	94	70-130	
p-Isopropyltoluene	ug/L	50	47.6	95	70-130	
Styrene	ug/L	50	47.1	94	70-130	
Tetrachloroethene	ug/L	50	44.5	89	70-130	
Toluene	ug/L	50	46.1	92	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Trichloroethene	ug/L	50	47.4	95	70-130	
Trichlorofluoromethane	ug/L	50	45.7	91	70-130	
Vinyl acetate	ug/L	100	102	102	70-130	
Vinyl chloride	ug/L	50	51.0	102	70-130	
Xylene (Total)	ug/L	150	143	96	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3790049 3790050

Parameter	Units	92628811001 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	193	193	97	96	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	200	200	207	204	103	102	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	206	205	103	103	70-136	0	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	192	194	96	97	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	200	200	203	204	102	102	70-139	0	30	
1,1-Dichloroethene	ug/L	ND	200	200	215	214	108	107	70-154	0	30	
1,1-Dichloropropene	ug/L	ND	200	200	212	219	106	110	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	200	200	175	181	87	90	70-135	3	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	202	202	101	101	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	170	180	85	90	73-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	184	179	92	90	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	201	205	100	103	70-133	2	30	
1,2-Dichloroethane	ug/L	ND	200	200	209	208	104	104	70-137	0	30	
1,2-Dichloropropane	ug/L	ND	200	200	201	208	100	104	70-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	198	207	99	103	70-135	4	30	
1,3-Dichloropropane	ug/L	ND	200	200	202	198	101	99	70-143	2	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	193	203	97	101	70-133	5	30	
2,2-Dichloropropane	ug/L	ND	200	200	123	121	61	61	61-148	1	30	
2-Butanone (MEK)	ug/L	ND	400	400	435	448	109	112	60-139	3	30	
2-Chlorotoluene	ug/L	ND	200	200	204	208	102	104	70-144	2	30	
2-Hexanone	ug/L	ND	400	400	398	407	100	102	65-138	2	30	
4-Chlorotoluene	ug/L	ND	200	200	202	206	101	103	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	396	408	99	102	65-135	3	30	
Acetone	ug/L	ND	400	400	461	470	115	117	60-148	2	30	
Benzene	ug/L	ND	200	200	188	190	94	95	70-151	1	30	
Bromobenzene	ug/L	ND	200	200	200	203	100	101	70-136	1	30	
Bromochloromethane	ug/L	ND	200	200	197	194	99	97	70-141	1	30	
Bromodichloromethane	ug/L	ND	200	200	191	194	95	97	70-138	2	30	
Bromoform	ug/L	ND	200	200	176	179	88	89	63-130	1	30	
Bromomethane	ug/L	ND	200	200	179	177	89	89	15-152	1	30	v3
Carbon tetrachloride	ug/L	ND	200	200	191	196	96	98	70-143	2	30	
Chlorobenzene	ug/L	ND	200	200	203	202	102	101	70-138	1	30	
Chloroethane	ug/L	ND	200	200	226	228	113	114	52-163	1	30	
Chloroform	ug/L	ND	200	200	208	210	103	104	70-139	1	30	
Chloromethane	ug/L	ND	200	200	215	211	107	105	41-139	2	30	
cis-1,2-Dichloroethene	ug/L	326	200	200	520	505	97	90	70-141	3	30	
cis-1,3-Dichloropropene	ug/L	ND	200	200	172	173	86	86	70-137	1	30	
Dibromochloromethane	ug/L	ND	200	200	181	176	91	88	70-134	3	30	
Dibromomethane	ug/L	ND	200	200	192	191	96	96	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	200	200	195	200	98	100	47-155	2	30	
Diisopropyl ether	ug/L	ND	200	200	202	199	101	100	63-144	1	30	
Ethylbenzene	ug/L	ND	200	200	202	202	101	101	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	200	200	181	184	90	92	65-149	2	30	
m&p-Xylene	ug/L	ND	400	400	396	403	99	101	69-152	2	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3790049 3790050

Parameter	Units	92628811001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	200	200	195	196	97	98	54-156	0	30	
Methylene Chloride	ug/L	ND	200	200	203	205	102	102	42-159	1	30	
Naphthalene	ug/L	ND	200	200	176	184	88	92	61-148	4	30	
o-Xylene	ug/L	ND	200	200	195	196	97	98	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	200	200	196	205	98	102	70-146	4	30	
Styrene	ug/L	ND	200	200	192	190	96	95	70-135	1	30	
Tetrachloroethene	ug/L	ND	200	200	184	188	92	94	59-143	2	30	
Toluene	ug/L	ND	200	200	197	199	99	100	59-148	1	30	
trans-1,2-Dichloroethene	ug/L	ND	200	200	206	209	103	104	70-146	2	30	
trans-1,3-Dichloropropene	ug/L	ND	200	200	173	174	86	87	70-135	1	30	
Trichloroethene	ug/L	1200	200	200	1370	1360	85	81	70-147	0	30	
Trichlorofluoromethane	ug/L	ND	200	200	202	203	101	102	70-148	1	30	
Vinyl acetate	ug/L	ND	400	400	380	388	95	97	49-151	2	30	
Vinyl chloride	ug/L	ND	200	200	217	219	108	110	70-156	1	30	
Xylene (Total)	ug/L	ND	600	600	591	599	98	100	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						98	102	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 728296
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628600001, 92628600002, 92628600003, 92628600004, 92628600005, 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600012, 92628600013, 92628600014, 92628600015, 92628600020, 92628600021

METHOD BLANK: 3792541
Matrix: Water
Associated Lab Samples: 92628600001, 92628600002, 92628600003, 92628600004, 92628600005, 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600012, 92628600013, 92628600014, 92628600015, 92628600020, 92628600021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/07/22 09:11	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/07/22 09:11	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/07/22 09:11	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/07/22 09:11	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/07/22 09:11	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/07/22 09:11	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/07/22 09:11	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/07/22 09:11	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/07/22 09:11	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/07/22 09:11	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/07/22 09:11	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/07/22 09:11	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/07/22 09:11	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/07/22 09:11	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/07/22 09:11	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/07/22 09:11	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/07/22 09:11	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/07/22 09:11	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/07/22 09:11	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/07/22 09:11	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/07/22 09:11	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/07/22 09:11	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/07/22 09:11	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/07/22 09:11	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/07/22 09:11	
Acenaphthene	ug/L	ND	10.0	2.0	10/07/22 09:11	
Acenaphthylene	ug/L	ND	10.0	2.0	10/07/22 09:11	
Aniline	ug/L	ND	10.0	1.6	10/07/22 09:11	
Anthracene	ug/L	ND	10.0	2.3	10/07/22 09:11	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/07/22 09:11	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/07/22 09:11	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/07/22 09:11	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/07/22 09:11	
Benzoic Acid	ug/L	ND	50.0	22.0	10/07/22 09:11	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/07/22 09:11	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/07/22 09:11	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/07/22 09:11	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3792541 Matrix: Water

Associated Lab Samples: 92628600001, 92628600002, 92628600003, 92628600004, 92628600005, 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600012, 92628600013, 92628600014, 92628600015, 92628600020, 92628600021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/07/22 09:11	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/07/22 09:11	
Chrysene	ug/L	ND	10.0	2.8	10/07/22 09:11	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/07/22 09:11	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/07/22 09:11	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/07/22 09:11	
Dibenzofuran	ug/L	ND	10.0	2.1	10/07/22 09:11	
Diethylphthalate	ug/L	ND	10.0	2.0	10/07/22 09:11	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/07/22 09:11	
Fluoranthene	ug/L	ND	10.0	2.2	10/07/22 09:11	
Fluorene	ug/L	ND	10.0	2.1	10/07/22 09:11	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/07/22 09:11	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/07/22 09:11	
Hexachloroethane	ug/L	ND	10.0	1.4	10/07/22 09:11	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/07/22 09:11	
Isophorone	ug/L	ND	10.0	1.7	10/07/22 09:11	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/07/22 09:11	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/07/22 09:11	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/07/22 09:11	
Nitrobenzene	ug/L	ND	10.0	1.9	10/07/22 09:11	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/07/22 09:11	
Phenanthrene	ug/L	ND	10.0	2.0	10/07/22 09:11	
Phenol	ug/L	ND	10.0	1.4	10/07/22 09:11	
Pyrene	ug/L	ND	10.0	2.2	10/07/22 09:11	
2,4,6-Tribromophenol (S)	%	79	10-144		10/07/22 09:11	
2-Fluorobiphenyl (S)	%	53	10-130		10/07/22 09:11	
2-Fluorophenol (S)	%	58	10-130		10/07/22 09:11	
Nitrobenzene-d5 (S)	%	78	10-144		10/07/22 09:11	
Phenol-d6 (S)	%	41	10-130		10/07/22 09:11	
Terphenyl-d14 (S)	%	104	34-163		10/07/22 09:11	

LABORATORY CONTROL SAMPLE: 3792542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.7	87	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	42.8	86	28-130	
2,4,5-Trichlorophenol	ug/L	50	51.0	102	35-130	
2,4,6-Trichlorophenol	ug/L	50	50.8	102	31-130	
2,4-Dichlorophenol	ug/L	50	46.5	93	35-130	
2,4-Dimethylphenol	ug/L	50	52.6	105	34-130	
2,4-Dinitrophenol	ug/L	250	219	88	10-153	
2,4-Dinitrotoluene	ug/L	50	53.9	108	37-136	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3792542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	54.2	108	33-136	
2-Chloronaphthalene	ug/L	50	46.4	93	26-130	
2-Chlorophenol	ug/L	50	41.1	82	37-130	
2-Methylnaphthalene	ug/L	50	40.5	81	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.7	83	35-130	
2-Nitroaniline	ug/L	100	98.5	99	37-130	
2-Nitrophenol	ug/L	50	44.7	89	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.5	79	34-130	
3,3'-Dichlorobenzidine	ug/L	100	99.6	100	34-136	
3-Nitroaniline	ug/L	100	106	106	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	101	101	21-157	
4-Bromophenylphenyl ether	ug/L	50	47.7	95	38-130	
4-Chloro-3-methylphenol	ug/L	100	94.7	95	37-130	
4-Chloroaniline	ug/L	100	91.7	92	38-130	
4-Chlorophenylphenyl ether	ug/L	50	46.7	93	33-130	
4-Nitroaniline	ug/L	100	103	103	42-137	
4-Nitrophenol	ug/L	250	151	60	10-130	
Acenaphthene	ug/L	50	49.5	99	33-130	
Acenaphthylene	ug/L	50	49.1	98	35-130	
Aniline	ug/L	50	32.6	65	22-130	
Anthracene	ug/L	50	48.0	96	48-130	
Benzo(a)anthracene	ug/L	50	51.3	103	48-137	
Benzo(b)fluoranthene	ug/L	50	51.1	102	52-138	
Benzo(g,h,i)perylene	ug/L	50	50.0	100	48-140	
Benzo(k)fluoranthene	ug/L	50	53.4	107	48-139	
Benzoic Acid	ug/L	250	160	64	10-130	
Benzyl alcohol	ug/L	100	85.3	85	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	46.0	92	34-130	
bis(2-Chloroethyl) ether	ug/L	50	42.6	85	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	56.0	112	32-165	
Butylbenzylphthalate	ug/L	50	59.3	119	34-161	
Chrysene	ug/L	50	52.3	105	47-131	
Di-n-butylphthalate	ug/L	50	49.6	99	39-144	
Di-n-octylphthalate	ug/L	50	57.2	114	30-170	
Dibenz(a,h)anthracene	ug/L	50	52.1	104	49-138	
Dibenzofuran	ug/L	50	49.7	99	33-130	
Diethylphthalate	ug/L	50	50.9	102	38-131	
Dimethylphthalate	ug/L	50	50.0	100	37-130	
Fluoranthene	ug/L	50	51.1	102	46-137	
Fluorene	ug/L	50	51.2	102	37-130	
Hexachlorobenzene	ug/L	50	48.7	97	38-130	
Hexachlorocyclopentadiene	ug/L	50	31.4	63	10-130	
Hexachloroethane	ug/L	50	16.9	34	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	51.4	103	41-130	
Isophorone	ug/L	50	47.0	94	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	47.4	95	36-130	
N-Nitrosodimethylamine	ug/L	50	40.4	81	34-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3792542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	50.7	101	37-130	
Nitrobenzene	ug/L	50	42.6	85	36-130	
Pentachlorophenol	ug/L	100	99.7	100	23-149	
Phenanthrene	ug/L	50	51.2	102	44-130	
Phenol	ug/L	50	28.7	57	18-130	
Pyrene	ug/L	50	55.5	111	47-134	
2,4,6-Tribromophenol (S)	%			96	10-144	
2-Fluorobiphenyl (S)	%			56	10-130	
2-Fluorophenol (S)	%			52	10-130	
Nitrobenzene-d5 (S)	%			61	10-144	
Phenol-d6 (S)	%			48	10-130	
Terphenyl-d14 (S)	%			110	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792543 3792544

Parameter	Units	92628600005 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	90.9	90.9	28.5	22.1	31	24	10-130	25	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	90.9	90.9	35.2	26.3	39	29	12-142	29	30	
2,4,5-Trichlorophenol	ug/L	ND	90.9	90.9	56.2	50.5	62	56	10-143	11	30	
2,4,6-Trichlorophenol	ug/L	ND	90.9	90.9	52.0	46.3	57	51	10-147	12	30	
2,4-Dichlorophenol	ug/L	ND	90.9	90.9	48.6	41.5	53	46	10-138	16	30	
2,4-Dimethylphenol	ug/L	ND	90.9	90.9	64.3	55.8	71	61	25-130	14	30	
2,4-Dinitrophenol	ug/L	ND	455	455	126	143	28	31	10-165	13	30	
2,4-Dinitrotoluene	ug/L	ND	90.9	90.9	76.3	80.7	84	89	29-148	6	30	
2,6-Dinitrotoluene	ug/L	ND	90.9	90.9	68.9	62.7	76	69	26-146	9	30	
2-Chloronaphthalene	ug/L	ND	90.9	90.9	33.8	29.1	37	32	11-130	15	30	
2-Chlorophenol	ug/L	ND	90.9	90.9	44.2	36.1	49	40	10-133	20	30	
2-Methylnaphthalene	ug/L	ND	90.9	90.9	24.5	19.9	27	22	13-130	21	30	
2-Methylphenol(o-Cresol)	ug/L	ND	90.9	90.9	45.9	38.8	50	43	20-130	17	30	
2-Nitroaniline	ug/L	ND	182	182	133	123	73	68	24-136	7	30	
2-Nitrophenol	ug/L	ND	90.9	90.9	50.1	44.3	55	49	10-153	12	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	90.9	90.9	45.3	38.8	50	43	16-130	15	30	
3,3'-Dichlorobenzidine	ug/L	ND	182	182	134	131	74	72	10-153	2	30	
3-Nitroaniline	ug/L	ND	182	182	145	153	80	84	22-151	5	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	182	182	114	110	63	60	10-180	3	30	
4-Bromophenylphenyl ether	ug/L	ND	90.9	90.9	53.8	48.3	59	53	25-130	11	30	
4-Chloro-3-methylphenol	ug/L	ND	182	182	110	95.0	60	52	25-133	15	30	
4-Chloroaniline	ug/L	ND	182	182	96.7	79.3	53	44	14-132	20	30	
4-Chlorophenylphenyl ether	ug/L	ND	90.9	90.9	48.4	45.4	53	50	19-130	6	30	
4-Nitroaniline	ug/L	ND	182	182	162	177	89	97	29-150	9	30	
4-Nitrophenol	ug/L	ND	455	455	160	169	35	37	10-130	6	30	
Acenaphthene	ug/L	ND	90.9	90.9	41.8	37.3	46	41	16-130	11	30	
Acenaphthylene	ug/L	ND	90.9	90.9	42.0	37.9	46	42	15-137	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792543 3792544

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	90.9	90.9	37.5	32.7	41	36	10-130	14	30	
Anthracene	ug/L	ND	90.9	90.9	59.6	59.9	66	66	37-136	0	30	
Benzo(a)anthracene	ug/L	ND	90.9	90.9	66.5	71.5	73	79	40-145	7	30	
Benzo(b)fluoranthene	ug/L	ND	90.9	90.9	67.1	71.0	74	78	39-151	6	30	
Benzo(g,h,i)perylene	ug/L	ND	90.9	90.9	73.6	78.0	81	86	40-147	6	30	
Benzo(k)fluoranthene	ug/L	ND	90.9	90.9	69.2	70.2	76	77	40-146	1	30	
Benzoic Acid	ug/L	ND	455	455	ND	ND	7	6	10-130		30	M1
Benzyl alcohol	ug/L	ND	182	182	102	88.5	56	49	25-130	14	30	
bis(2-Chloroethoxy)methane	ug/L	ND	90.9	90.9	47.8	39.9	53	44	23-130	18	30	
bis(2-Chloroethyl) ether	ug/L	ND	90.9	90.9	42.7	34.2	47	38	25-130	22	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	90.9	90.9	75.5	82.1	83	90	28-166	8	30	
Butylbenzylphthalate	ug/L	ND	90.9	90.9	74.7	83.5	82	92	33-165	11	30	
Chrysene	ug/L	ND	90.9	90.9	67.9	73.5	75	81	38-141	8	30	
Di-n-butylphthalate	ug/L	ND	90.9	90.9	78.3	79.1	86	87	32-153	1	30	
Di-n-octylphthalate	ug/L	ND	90.9	90.9	72.1	77.6	79	85	30-175	7	30	
Dibenz(a,h)anthracene	ug/L	ND	90.9	90.9	73.9	78.7	81	87	39-148	6	30	
Dibenzofuran	ug/L	ND	90.9	90.9	48.2	44.1	53	49	20-130	9	30	
Diethylphthalate	ug/L	ND	90.9	90.9	70.8	70.9	78	78	28-142	0	30	
Dimethylphthalate	ug/L	ND	90.9	90.9	63.0	61.0	69	67	26-136	3	30	
Fluoranthene	ug/L	ND	90.9	90.9	73.6	73.2	81	81	39-143	1	30	
Fluorene	ug/L	ND	90.9	90.9	53.0	48.5	58	53	24-132	9	30	
Hexachlorobenzene	ug/L	ND	90.9	90.9	59.3	57.9	65	64	29-130	2	30	
Hexachlorocyclopentadiene	ug/L	ND	90.9	90.9	15.7J	12.0J	17	13	10-130		30	
Hexachloroethane	ug/L	ND	90.9	90.9	3.9J	3.2J	4	3	10-130		30	M1
Indeno(1,2,3-cd)pyrene	ug/L	ND	90.9	90.9	73.5	78.1	81	86	39-148	6	30	
Isophorone	ug/L	ND	90.9	90.9	52.6	43.8	58	48	23-130	18	30	
N-Nitroso-di-n-propylamine	ug/L	ND	90.9	90.9	55.4	46.0	61	51	25-130	19	30	
N-Nitrosodimethylamine	ug/L	ND	90.9	90.9	46.5	41.3	51	45	22-130	12	30	
N-Nitrosodiphenylamine	ug/L	ND	90.9	90.9	59.0	53.7	65	59	26-134	9	30	
Nitrobenzene	ug/L	ND	90.9	90.9	46.2	37.4	51	41	25-130	21	30	
Pentachlorophenol	ug/L	ND	182	182	120	118	66	65	10-175	2	30	
Phenanthrene	ug/L	ND	90.9	90.9	63.8	63.7	70	70	36-133	0	30	
Phenol	ug/L	ND	90.9	90.9	33.3	29.0	37	32	10-130	14	30	
Pyrene	ug/L	ND	90.9	90.9	61.2	65.7	67	72	40-143	7	30	
2,4,6-Tribromophenol (S)	%						79	71	10-144			
2-Fluorobiphenyl (S)	%						38	26	10-130			
2-Fluorophenol (S)	%						43	35	10-130			
Nitrobenzene-d5 (S)	%						59	45	10-144			
Phenol-d6 (S)	%						36	30	10-130			
Terphenyl-d14 (S)	%						79	81	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 728298
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92628600016

METHOD BLANK: 3792551 Matrix: Water
Associated Lab Samples: 92628600016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/07/22 10:02	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/07/22 10:02	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/07/22 10:02	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/07/22 10:02	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/07/22 10:02	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/07/22 10:02	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/07/22 10:02	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/07/22 10:02	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/07/22 10:02	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/07/22 10:02	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/07/22 10:02	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/07/22 10:02	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/07/22 10:02	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/07/22 10:02	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/07/22 10:02	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/07/22 10:02	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/07/22 10:02	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/07/22 10:02	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/07/22 10:02	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/07/22 10:02	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/07/22 10:02	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/07/22 10:02	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/07/22 10:02	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/07/22 10:02	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/07/22 10:02	
Acenaphthene	ug/L	ND	10.0	2.0	10/07/22 10:02	
Acenaphthylene	ug/L	ND	10.0	2.0	10/07/22 10:02	
Aniline	ug/L	ND	10.0	1.6	10/07/22 10:02	
Anthracene	ug/L	ND	10.0	2.3	10/07/22 10:02	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/07/22 10:02	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/07/22 10:02	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/07/22 10:02	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/07/22 10:02	
Benzoic Acid	ug/L	ND	50.0	22.0	10/07/22 10:02	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/07/22 10:02	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/07/22 10:02	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/07/22 10:02	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/07/22 10:02	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/07/22 10:02	
Chrysene	ug/L	ND	10.0	2.8	10/07/22 10:02	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

METHOD BLANK: 3792551 Matrix: Water
Associated Lab Samples: 92628600016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/07/22 10:02	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/07/22 10:02	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/07/22 10:02	
Dibenzofuran	ug/L	ND	10.0	2.1	10/07/22 10:02	
Diethylphthalate	ug/L	ND	10.0	2.0	10/07/22 10:02	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/07/22 10:02	
Fluoranthene	ug/L	ND	10.0	2.2	10/07/22 10:02	
Fluorene	ug/L	ND	10.0	2.1	10/07/22 10:02	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/07/22 10:02	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/07/22 10:02	
Hexachloroethane	ug/L	ND	10.0	1.4	10/07/22 10:02	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/07/22 10:02	
Isophorone	ug/L	ND	10.0	1.7	10/07/22 10:02	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/07/22 10:02	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/07/22 10:02	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/07/22 10:02	
Nitrobenzene	ug/L	ND	10.0	1.9	10/07/22 10:02	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/07/22 10:02	
Phenanthrene	ug/L	ND	10.0	2.0	10/07/22 10:02	
Phenol	ug/L	ND	10.0	1.4	10/07/22 10:02	
Pyrene	ug/L	ND	10.0	2.2	10/07/22 10:02	
2,4,6-Tribromophenol (S)	%	82	10-144		10/07/22 10:02	
2-Fluorobiphenyl (S)	%	69	10-130		10/07/22 10:02	
2-Fluorophenol (S)	%	58	10-130		10/07/22 10:02	
Nitrobenzene-d5 (S)	%	76	10-144		10/07/22 10:02	
Phenol-d6 (S)	%	42	10-130		10/07/22 10:02	
Terphenyl-d14 (S)	%	108	34-163		10/07/22 10:02	

LABORATORY CONTROL SAMPLE: 3792552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	44.4	89	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	44.1	88	28-130	
2,4,5-Trichlorophenol	ug/L	50	48.9	98	35-130	
2,4,6-Trichlorophenol	ug/L	50	50.1	100	31-130	
2,4-Dichlorophenol	ug/L	50	45.8	92	35-130	
2,4-Dimethylphenol	ug/L	50	52.7	105	34-130	
2,4-Dinitrophenol	ug/L	250	203	81	10-153	
2,4-Dinitrotoluene	ug/L	50	51.7	103	37-136	
2,6-Dinitrotoluene	ug/L	50	51.0	102	33-136	
2-Chloronaphthalene	ug/L	50	47.8	96	26-130	
2-Chlorophenol	ug/L	50	39.4	79	37-130	
2-Methylnaphthalene	ug/L	50	41.3	83	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	38.0	76	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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3792552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	94.3	94	37-130	
2-Nitrophenol	ug/L	50	44.9	90	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.7	75	34-130	
3,3'-Dichlorobenzidine	ug/L	100	95.3	95	34-136	
3-Nitroaniline	ug/L	100	96.6	97	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	97.6	98	21-157	
4-Bromophenylphenyl ether	ug/L	50	50.6	101	38-130	
4-Chloro-3-methylphenol	ug/L	100	89.0	89	37-130	
4-Chloroaniline	ug/L	100	86.9	87	38-130	
4-Chlorophenylphenyl ether	ug/L	50	47.0	94	33-130	
4-Nitroaniline	ug/L	100	91.6	92	42-137	
4-Nitrophenol	ug/L	250	138	55	10-130	
Acenaphthene	ug/L	50	49.7	99	33-130	
Acenaphthylene	ug/L	50	49.8	100	35-130	
Aniline	ug/L	50	28.1	56	22-130	
Anthracene	ug/L	50	49.8	100	48-130	
Benzo(a)anthracene	ug/L	50	51.5	103	48-137	
Benzo(b)fluoranthene	ug/L	50	54.2	108	52-138	
Benzo(g,h,i)perylene	ug/L	50	52.0	104	48-140	
Benzo(k)fluoranthene	ug/L	50	55.7	111	48-139	
Benzoic Acid	ug/L	250	142	57	10-130	
Benzyl alcohol	ug/L	100	80.2	80	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	46.6	93	34-130	
bis(2-Chloroethyl) ether	ug/L	50	42.9	86	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	56.2	112	32-165	
Butylbenzylphthalate	ug/L	50	56.7	113	34-161	
Chrysene	ug/L	50	52.8	106	47-131	
Di-n-butylphthalate	ug/L	50	49.8	100	39-144	
Di-n-octylphthalate	ug/L	50	55.8	112	30-170	
Dibenz(a,h)anthracene	ug/L	50	52.3	105	49-138	
Dibenzofuran	ug/L	50	50.1	100	33-130	
Diethylphthalate	ug/L	50	50.2	100	38-131	
Dimethylphthalate	ug/L	50	49.2	98	37-130	
Fluoranthene	ug/L	50	50.1	100	46-137	
Fluorene	ug/L	50	50.7	101	37-130	
Hexachlorobenzene	ug/L	50	51.8	104	38-130	
Hexachlorocyclopentadiene	ug/L	50	35.8	72	10-130	
Hexachloroethane	ug/L	50	19.9	40	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	52.3	105	41-130	
Isophorone	ug/L	50	45.6	91	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	44.4	89	36-130	
N-Nitrosodimethylamine	ug/L	50	38.7	77	34-130	
N-Nitrosodiphenylamine	ug/L	50	53.3	107	37-130	
Nitrobenzene	ug/L	50	45.0	90	36-130	
Pentachlorophenol	ug/L	100	98.2	98	23-149	
Phenanthrene	ug/L	50	52.3	105	44-130	
Phenol	ug/L	50	27.0	54	18-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

LABORATORY CONTROL SAMPLE: 3792552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	58.2	116	47-134	
2,4,6-Tribromophenol (S)	%			116	10-144	
2-Fluorobiphenyl (S)	%			97	10-130	
2-Fluorophenol (S)	%			67	10-130	
Nitrobenzene-d5 (S)	%			93	10-144	
Phenol-d6 (S)	%			55	10-130	
Terphenyl-d14 (S)	%			124	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792553 3792554

Parameter	Units	92628600016 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	83.3	83.3	63.7	66.8	76	80	10-130	5	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	83.3	83.3	68.4	67.7	82	81	12-142	1	30	
2,4,5-Trichlorophenol	ug/L	ND	83.3	83.3	76.1	84.6	91	101	10-143	10	30	
2,4,6-Trichlorophenol	ug/L	ND	83.3	83.3	77.9	84.3	94	101	10-147	8	30	
2,4-Dichlorophenol	ug/L	ND	83.3	83.3	68.5	76.9	82	92	10-138	11	30	
2,4-Dimethylphenol	ug/L	ND	83.3	83.3	97.6	106	117	127	25-130	8	30	
2,4-Dinitrophenol	ug/L	ND	417	417	259	338	62	81	10-165	27	30	
2,4-Dinitrotoluene	ug/L	ND	83.3	83.3	98.7	108	118	130	29-148	9	30	
2,6-Dinitrotoluene	ug/L	ND	83.3	83.3	89.2	100	107	120	26-146	11	30	
2-Chloronaphthalene	ug/L	ND	83.3	83.3	69.8	74.9	84	90	11-130	7	30	
2-Chlorophenol	ug/L	ND	83.3	83.3	66.2	73.1	79	88	10-133	10	30	
2-Methylnaphthalene	ug/L	ND	83.3	83.3	58.5	63.3	70	76	13-130	8	30	
2-Methylphenol(o-Cresol)	ug/L	ND	83.3	83.3	64.1	70.6	77	85	20-130	10	30	
2-Nitroaniline	ug/L	ND	167	167	178	198	107	119	24-136	11	30	
2-Nitrophenol	ug/L	ND	83.3	83.3	79.5	84.8	95	102	10-153	7	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	83.3	83.3	63.0	69.4	76	83	16-130	10	30	
3,3'-Dichlorobenzidine	ug/L	ND	167	167	180	197	108	118	10-153	9	30	
3-Nitroaniline	ug/L	ND	167	167	187	209	112	125	22-151	11	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	167	167	165	188	99	113	10-180	13	30	
4-Bromophenylphenyl ether	ug/L	ND	83.3	83.3	71.4	84.0	86	101	25-130	16	30	
4-Chloro-3-methylphenol	ug/L	ND	167	167	150	163	90	98	25-133	9	30	
4-Chloroaniline	ug/L	ND	167	167	149	159	89	96	14-132	7	30	
4-Chlorophenylphenyl ether	ug/L	ND	83.3	83.3	72.6	81.0	87	97	19-130	11	30	
4-Nitroaniline	ug/L	ND	167	167	196	216	117	130	29-150	10	30	
4-Nitrophenol	ug/L	ND	417	417	233	298	56	71	10-130	24	30	
Acenaphthene	ug/L	ND	83.3	83.3	73.4	81.6	88	98	16-130	10	30	
Acenaphthylene	ug/L	ND	83.3	83.3	73.8	80.5	89	97	15-137	9	30	
Aniline	ug/L	ND	83.3	83.3	60.7	65.0	73	78	10-130	7	30	
Anthracene	ug/L	ND	83.3	83.3	75.4	86.4	90	104	37-136	14	30	
Benzo(a)anthracene	ug/L	ND	83.3	83.3	85.0	92.8	102	111	40-145	9	30	
Benzo(b)fluoranthene	ug/L	ND	83.3	83.3	87.2	92.0	105	110	39-151	5	30	
Benzo(g,h,i)perylene	ug/L	ND	83.3	83.3	98.9	103	119	123	40-147	4	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792553 3792554

Parameter	Units	92628600016 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	83.3	83.3	86.5	90.2	104	108	40-146	4	30	
Benzoic Acid	ug/L	ND	417	417	41.7J	53.7J	10	13	10-130		30	
Benzyl alcohol	ug/L	ND	167	167	138	149	83	89	25-130	8	30	
bis(2-Chloroethoxy)methane	ug/L	ND	83.3	83.3	71.5	75.3	86	90	23-130	5	30	
bis(2-Chloroethyl) ether	ug/L	ND	83.3	83.3	68.9	72.3	83	87	25-130	5	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	83.3	83.3	96.3	100	116	120	28-166	4	30	
Butylbenzylphthalate	ug/L	ND	83.3	83.3	92.4	104	111	124	33-165	11	30	
Chrysene	ug/L	ND	83.3	83.3	86.3	91.7	104	110	38-141	6	30	
Di-n-butylphthalate	ug/L	ND	83.3	83.3	92.3	105	111	126	32-153	13	30	
Di-n-octylphthalate	ug/L	ND	83.3	83.3	90.2	95.8	108	115	30-175	6	30	
Dibenz(a,h)anthracene	ug/L	ND	83.3	83.3	95.2	101	114	121	39-148	6	30	
Dibenzofuran	ug/L	ND	83.3	83.3	76.4	84.6	92	101	20-130	10	30	
Diethylphthalate	ug/L	ND	83.3	83.3	87.4	95.1	105	114	28-142	8	30	
Dimethylphthalate	ug/L	ND	83.3	83.3	84.1	89.8	101	108	26-136	7	30	
Fluoranthene	ug/L	ND	83.3	83.3	86.3	100	104	120	39-143	15	30	
Fluorene	ug/L	ND	83.3	83.3	76.8	85.4	92	102	24-132	11	30	
Hexachlorobenzene	ug/L	ND	83.3	83.3	75.5	88.6	91	106	29-130	16	30	
Hexachlorocyclopentadiene	ug/L	ND	83.3	83.3	54.9	58.1	66	70	10-130	6	30	
Hexachloroethane	ug/L	ND	83.3	83.3	21.8	21.0	26	25	10-130	4	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	83.3	83.3	96.3	104	116	124	39-148	7	30	
Isophorone	ug/L	ND	83.3	83.3	75.3	80.1	90	96	23-130	6	30	
N-Nitroso-di-n-propylamine	ug/L	ND	83.3	83.3	81.6	84.3	98	101	25-130	3	30	
N-Nitrosodimethylamine	ug/L	ND	83.3	83.3	64.1	71.7	77	86	22-130	11	30	
N-Nitrosodiphenylamine	ug/L	ND	83.3	83.3	76.9	86.8	92	104	26-134	12	30	
Nitrobenzene	ug/L	ND	83.3	83.3	76.5	78.8	92	95	25-130	3	30	
Pentachlorophenol	ug/L	ND	167	167	166	188	99	113	10-175	13	30	
Phenanthrene	ug/L	ND	83.3	83.3	80.6	90.3	97	108	36-133	11	30	
Phenol	ug/L	ND	83.3	83.3	43.7	50.5	52	61	10-130	14	30	
Pyrene	ug/L	ND	83.3	83.3	79.2	85.0	95	102	40-143	7	30	
2,4,6-Tribromophenol (S)	%						97	116	10-144			
2-Fluorobiphenyl (S)	%						71	82	10-130			
2-Fluorophenol (S)	%						61	71	10-130			
Nitrobenzene-d5 (S)	%						89	94	10-144			
Phenol-d6 (S)	%						46	56	10-130			
Terphenyl-d14 (S)	%						99	108	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727407
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: 92628600001, 92628600002, 92628600003, 92628600004, 92628600005

METHOD BLANK: 3787997 Matrix: Water
Associated Lab Samples: 92628600001, 92628600002, 92628600003, 92628600004, 92628600005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/04/22 15:39	
2-Fluorobiphenyl (S)	%	79	61-194		10/04/22 15:39	
Nitrobenzene-d5 (S)	%	103	69-194		10/04/22 15:39	
Terphenyl-d14 (S)	%	90	69-180		10/04/22 15:39	

LABORATORY CONTROL SAMPLE: 3787998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	96	70-130	
2-Fluorobiphenyl (S)	%			88	61-194	
Nitrobenzene-d5 (S)	%			109	69-194	
Terphenyl-d14 (S)	%			99	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787999 3788000

Parameter	Units	92628600005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	4.6	4.4	93	88	11-178	5	30	
2-Fluorobiphenyl (S)	%						92	85	61-194			
Nitrobenzene-d5 (S)	%						114	104	69-194			
Terphenyl-d14 (S)	%						89	85	69-180			

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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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 728104
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: 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600012, 92628600013, 92628600014, 92628600015, 92628600016, 92628600020, 92628600021

METHOD BLANK: 3791597 Matrix: Water
Associated Lab Samples: 92628600006, 92628600007, 92628600008, 92628600009, 92628600010, 92628600011, 92628600012, 92628600013, 92628600014, 92628600015, 92628600016, 92628600020, 92628600021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/06/22 09:48	
2-Fluorobiphenyl (S)	%	65	61-194		10/06/22 09:48	
Nitrobenzene-d5 (S)	%	90	69-194		10/06/22 09:48	
Terphenyl-d14 (S)	%	69	69-180		10/06/22 09:48	

LABORATORY CONTROL SAMPLE: 3791598

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.2	86	70-130	
2-Fluorobiphenyl (S)	%			74	61-194	
Nitrobenzene-d5 (S)	%			106	69-194	
Terphenyl-d14 (S)	%			78	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3791599 3791600

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	4.2	3.8	85	76	11-178	11	30	
2-Fluorobiphenyl (S)	%						99	84	61-194			
Nitrobenzene-d5 (S)	%						106	97	69-194			
Terphenyl-d14 (S)	%						80	69	69-180			

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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: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 728312
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3792635 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	10/06/22 11:40	

LABORATORY CONTROL SAMPLE: 3792636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.2	100	80-120	

LABORATORY CONTROL SAMPLE: 3792637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792638 3792639

Parameter	Units	92628849001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	79.8	50	50	125	126	90	93	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792640 3792641

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	307	50	50	327	335	39	55	80-120	2	25	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727593
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3789007 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	10/04/22 02:45	

LABORATORY CONTROL SAMPLE: 3789008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.49	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789009 3789010

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.60	0.57	118	112	80-120	5	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789011 3789012

Parameter	Units	92628849002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.14	0.12	28	24	80-120	14	10	M1,R1

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727298
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3787664 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	10/01/22 11:49	

LABORATORY CONTROL SAMPLE: 3787665

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787668 3787669

Parameter	Units	92628487003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	ND	50	50	52.2	53.1	103	105	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787678 3787679

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	ND	50	50	52.4	52.8	104	105	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727394
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3787958 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	10/03/22 15:11	

LABORATORY CONTROL SAMPLE: 3787959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787960 3787961

Parameter	Units	92628076005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.3	5.3	105	105	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787962 3787963

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	0.56	5	5	5.9	5.9	107	107	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727380
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3787922 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	10/03/22 12:16	

LABORATORY CONTROL SAMPLE: 3787923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787924 3787925

Parameter	Units	92628520003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.1	2.1	83	84	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3787926 3787927

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.060	2.5	2.5	1.9	1.9	73	73	90-110	1	10	M1

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

QC Batch: 727743
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

METHOD BLANK: 3789755 Matrix: Water
Associated Lab Samples: 92628600014, 92628600015, 92628600016, 92628600020, 92628600021, 92628600022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	10/04/22 15:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/04/22 15:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/04/22 15:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/04/22 15:53	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/04/22 15:53	

LABORATORY CONTROL SAMPLE: 3789756

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	24.0	96	75-125	
Total Organic Carbon	mg/L	25	23.5	94	75-125	
Total Organic Carbon	mg/L	25	24.3	97	75-125	
Total Organic Carbon	mg/L	25	23.6	95	75-125	
Total Organic Carbon	mg/L	25	24.4	98	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789757 3789758

Parameter	Units	92628365004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	ND	25	25	23.2	23.6	92	93	75-125	2	25	
Total Organic Carbon	mg/L	ND	25	25	23.0	23.2	91	92	75-125	1	25	
Total Organic Carbon	mg/L	ND	25	25	23.1	23.4	91	93	75-125	1	25	
Total Organic Carbon	mg/L	ND	25	25	23.5	24.0	93	95	75-125	2	25	
Total Organic Carbon	mg/L	ND	25	25	23.3	23.9	92	94	75-125	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3789759 3789760

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	4.5	25	25	28.7	29.3	97	99	75-125	2	25	
Total Organic Carbon	mg/L	4.4	25	25	28.4	28.8	96	98	75-125	2	25	
Total Organic Carbon	mg/L	4.5	25	25	29.1	29.5	98	100	75-125	2	25	
Total Organic Carbon	mg/L	4.6	25	25	28.5	29.2	95	98	75-125	2	25	
Total Organic Carbon	mg/L	4.5	25	25	28.9	29.5	98	100	75-125	2	25	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1g	Re-extraction conducted in excess of EPA method holding time. Results confirm original analysis performed in hold time.
C0	Result confirmed by second analysis.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
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.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628600014	MW-38BR-20220929	RSK175	1940416	RSK-175	1940416
92628600015	MW-39BRL-20220929	RSK175	1940416	RSK-175	1940416
92628600016	MW-21-20220929	RSK175	1940416	RSK-175	1940416
92628600020	MW-28-20220929	RSK175	1940416	RSK-175	1940416
92628600021	MW-15-20220929	RSK175	1940416	RSK-175	1940416
92628600022	MW-13R-20220928	RSK175	1940416	RSK-175	1940416
92628600014	MW-38BR-20220929	EPA 3010A	727975	EPA 6010D	728148
92628600015	MW-39BRL-20220929	EPA 3010A	727975	EPA 6010D	728148
92628600016	MW-21-20220929	EPA 3010A	727975	EPA 6010D	728148
92628600020	MW-28-20220929	EPA 3010A	727975	EPA 6010D	728148
92628600021	MW-15-20220929	EPA 3010A	727975	EPA 6010D	728148
92628600022	MW-13R-20220928	EPA 3010A	728261	EPA 6010D	728454
92628600014	MW-38BR-20220929	EPA 3010A	728338	EPA 6010D	728742
92628600015	MW-39BRL-20220929	EPA 3010A	728338	EPA 6010D	728742
92628600016	MW-21-20220929	EPA 3010A	728338	EPA 6010D	728742
92628600020	MW-28-20220929	EPA 3010A	728338	EPA 6010D	728742
92628600021	MW-15-20220929	EPA 3010A	728338	EPA 6010D	728742
92628600022	MW-13R-20220928	EPA 3010A	728338	EPA 6010D	728742
92628600001	MW-21BR-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600002	MW-21BRL-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600003	MW-38S-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600004	MW-39S-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600005	MW-39BR-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600006	MW-9R-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600007	MW-7R-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600008	MW-35S-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600009	MW-35TZ-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600010	MW-35BR-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600011	MW-16-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600012	DUP-03-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600013	MW-26-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600014	MW-38BR-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600015	MW-39BRL-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600016	MW-21-20220929	EPA 3510C	728298	EPA 8270E	728642
92628600020	MW-28-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600021	MW-15-20220929	EPA 3510C	728296	EPA 8270E	728641
92628600001	MW-21BR-20220929	EPA 3511	727407	EPA 8270E by SIM	727727
92628600002	MW-21BRL-20220929	EPA 3511	727407	EPA 8270E by SIM	727727
92628600003	MW-38S-20220929	EPA 3511	727407	EPA 8270E by SIM	727727
92628600004	MW-39S-20220929	EPA 3511	727407	EPA 8270E by SIM	727727
92628600005	MW-39BR-20220929	EPA 3511	727407	EPA 8270E by SIM	727727
92628600006	MW-9R-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600007	MW-7R-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600008	MW-35S-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600009	MW-35TZ-20220929	EPA 3511	728104	EPA 8270E by SIM	728290

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628600010	MW-35BR-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600011	MW-16-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600012	DUP-03-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600013	MW-26-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600014	MW-38BR-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600015	MW-39BRL-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600016	MW-21-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600020	MW-28-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600021	MW-15-20220929	EPA 3511	728104	EPA 8270E by SIM	728290
92628600001	MW-21BR-20220929	EPA 8260D	727358		
92628600002	MW-21BRL-20220929	EPA 8260D	727774		
92628600003	MW-38S-20220929	EPA 8260D	727358		
92628600004	MW-39S-20220929	EPA 8260D	727358		
92628600005	MW-39BR-20220929	EPA 8260D	727358		
92628600006	MW-9R-20220929	EPA 8260D	727358		
92628600007	MW-7R-20220929	EPA 8260D	727358		
92628600008	MW-35S-20220929	EPA 8260D	727358		
92628600009	MW-35TZ-20220929	EPA 8260D	727358		
92628600010	MW-35BR-20220929	EPA 8260D	727358		
92628600011	MW-16-20220929	EPA 8260D	727358		
92628600012	DUP-03-20220929	EPA 8260D	727359		
92628600013	MW-26-20220929	EPA 8260D	727358		
92628600014	MW-38BR-20220929	EPA 8260D	727358		
92628600015	MW-39BRL-20220929	EPA 8260D	727358		
92628600016	MW-21-20220929	EPA 8260D	727358		
92628600017	TB-05-20220929	EPA 8260D	727349		
92628600018	TB-06-20220929	EPA 8260D	727349		
92628600019	TB-07-20220929	EPA 8260D	727359		
92628600020	MW-28-20220929	EPA 8260D	727357		
92628600021	MW-15-20220929	EPA 8260D	727357		
92628600022	MW-13R-20220928	EPA 8260D	727357		
92628600014	MW-38BR-20220929	SM 2320B-2011	728312		
92628600015	MW-39BRL-20220929	SM 2320B-2011	728312		
92628600016	MW-21-20220929	SM 2320B-2011	728312		
92628600020	MW-28-20220929	SM 2320B-2011	728312		
92628600021	MW-15-20220929	SM 2320B-2011	728312		
92628600022	MW-13R-20220928	SM 2320B-2011	728312		
92628600014	MW-38BR-20220929	SM 4500-S2D-2011	727593		
92628600015	MW-39BRL-20220929	SM 4500-S2D-2011	727593		
92628600016	MW-21-20220929	SM 4500-S2D-2011	727593		
92628600020	MW-28-20220929	SM 4500-S2D-2011	727593		
92628600021	MW-15-20220929	SM 4500-S2D-2011	727593		
92628600022	MW-13R-20220928	SM 4500-S2D-2011	727593		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FMR BRAMLETTE MGP J22100193
Pace Project No.: 92628600

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92628600014	**MW-38BR-20220929**	EPA 300.0 Rev 2.1 1993	727298		
92628600015	**MW-39BRL-20220929**	EPA 300.0 Rev 2.1 1993	727298		
92628600016	**MW-21-20220929**	EPA 300.0 Rev 2.1 1993	727298		
92628600020	**MW-28-20220929**	EPA 300.0 Rev 2.1 1993	727298		
92628600021	**MW-15-20220929**	EPA 300.0 Rev 2.1 1993	727298		
92628600022	**MW-13R-20220928**	EPA 300.0 Rev 2.1 1993	727298		
92628600014	**MW-38BR-20220929**	EPA 350.1 Rev 2.0 1993	727394		
92628600015	**MW-39BRL-20220929**	EPA 350.1 Rev 2.0 1993	727394		
92628600016	**MW-21-20220929**	EPA 350.1 Rev 2.0 1993	727394		
92628600020	**MW-28-20220929**	EPA 350.1 Rev 2.0 1993	727394		
92628600021	**MW-15-20220929**	EPA 350.1 Rev 2.0 1993	727394		
92628600022	**MW-13R-20220928**	EPA 350.1 Rev 2.0 1993	727394		
92628600014	**MW-38BR-20220929**	EPA 353.2 Rev 2.0 1993	727380		
92628600015	**MW-39BRL-20220929**	EPA 353.2 Rev 2.0 1993	727380		
92628600016	**MW-21-20220929**	EPA 353.2 Rev 2.0 1993	727380		
92628600020	**MW-28-20220929**	EPA 353.2 Rev 2.0 1993	727380		
92628600021	**MW-15-20220929**	EPA 353.2 Rev 2.0 1993	727380		
92628600022	**MW-13R-20220928**	EPA 353.2 Rev 2.0 1993	727380		
92628600014	**MW-38BR-20220929**	EPA 9060A	727743		
92628600015	**MW-39BRL-20220929**	EPA 9060A	727743		
92628600016	**MW-21-20220929**	EPA 9060A	727743		
92628600020	**MW-28-20220929**	EPA 9060A	727743		
92628600021	**MW-15-20220929**	EPA 9060A	727743		
92628600022	**MW-13R-20220928**	EPA 9060A	727743		
92628600014	**MW-38BR-20220929**	SM 4500-CO2 D-2011	729219		
92628600015	**MW-39BRL-20220929**	SM 4500-CO2 D-2011	729219		
92628600016	**MW-21-20220929**	SM 4500-CO2 D-2011	729219		
92628600020	**MW-28-20220929**	SM 4500-CO2 D-2011	729219		
92628600021	**MW-15-20220929**	SM 4500-CO2 D-2011	729219		
92628600022	**MW-13R-20220928**	SM 4500-CO2 D-2011	729219		

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v01_Sample Condition Upon Receipt
	Effective Date: 05/12/2022

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: Geo Syntec

Project #: **WO# : 92628600**

92628600

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

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

Date/Initials Person Examining Contents: G 4/30/22

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

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

Thermometer: ☑ IR Gun ID: 93T071 Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.3/5.0/5.1 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.3/5.0/5.1

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

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-HUN1-0083 v01_Sample Condition Upon Receipt
	Effective Date: 05/12/2022

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

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

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

***Check all unpreserved Nitrates for chlorine

Project # **WO# : 92628600**

PM: NMG Due Date: 10/06/22

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3		3									2		
2																3		3									2		
3																3		3									2		
4		2			1	1	1									6		3	3								2		
5																3		3									2		
6																3		3									2		
7		2			1	2	1									6		3	3								2		
8		2			1	2	1									6		3	3								2		
9																3		3									2		
10																3		3									2		
11																3		3									2		
12																3		3									2		

pH Adjustment Log for Preserved Samples

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

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR 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**

*****Check all unpreserved Nitrates for chlorine**

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9H-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		2			1 1	2 1	1 1									6		3	3								2		
2																3		3											
3																3		3											
4		2			1 1	2 1	1 1									6		3	3								2		
5		2			1 1	2 1	1 1									3			3										
6																3		3											
7																3		3											
8																3		3											
9																3		3											
10																3		3											
11																3		3											
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 #

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

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

*****Check all unpreserved Nitrates for chlorine**

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																2													
2																2													
3																2													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR 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.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Page : 2 Of 2

Section A — Required Client Information:

Company: Geosyntec Consultants, Inc.
Address: 201 E. McBee Avenue
Suite 201, Greenville, SC 29601
Email: mmartin@geosyntec.com
Phone: (312)416-3918 Fax:
Requested Due Date: 10 day TAT

Section B — Required Project Information:

Report To: Mike Martin
Copy To:
Purchase Order #:
Project Name: Duke Former Bramlette MG
Project #:

Section C — Invoice Information:

Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager: nicole.d'oleo@pacelabs.com,
Pace Profile #: TBD

Regulatory Agency:
State / Location: SC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	NO2/NO3/NH3	Sulfate/Alkalinity	Sulfide	RSK 175 MEE	TOC (total organic carbon)	200.7 FE/MN	200.7 Dissolved FE/MN	CO2	8260D	8270	8270 SIM 1,4 DIOX	Residual Chlorine (Y/N)
1	MW-28-20220929			9-29	1635				2	1		2	6	1		3			X	X	X	X	X	X	X	X	X	X	
2	MW-35BR-20220929				1300				8	5			3													X	X	X	
3	MW-16-20220929				1480				8	5			3													X	X	X	
4	MW-15-20220929				1500				20	1		2	6	1		3			X	X	X	X	X	X	X	X	X	X	X	
5	MW-13R-20220928			9-28	1600				12	2	1	2	3	1		3			X	X	X	X	X	X	X	X	X	X		
6	DUP-03-20220929			9-29	2000				8	5			3													X	X	X	
7	MS-01-20220929				1320																					X	X	X	
8	MSD-01-20220929				1320																					X	X	X	
9	MS-02-20220929				1515																					X	X	X	
10	MSD-02-20220929				1515																					X	X	X	
11	MW-26-20220929				1645					5			3													X	X	X	
12																													

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Khyati Oleo/GEO	9-30-22	0815	Kaleigh Sisolak	9-30-22	0815
	Kaleigh Sisolak	9/30	1130		9/30	1130
		9/30	13:30		9/30/22	13:30

SAMPLE CONDITIONS

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3.3 3.1 3.0	X	~	✓

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Nick Charles
SIGNATURE of SAMPLER: N. [signature]
DATE Signed: 9/29/22

CHAIN-OF-CUSTODY / Analytical Request Document

Pace

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Page : 1 Of 3

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- Email: mmartin@geosyntec.com
- Phone: (312)416-3918 Fax:
- Requested Due Date:

Section B — Required Project Information:

- Report To: Mike Martin
- Copy To:
- Purchase Order #:
- Project Name: ~~Duke~~ Former Bramlette
- Project #: MGP FLTR

Section C — Invoice Information:

- Attention:
- Company Name:
- Address:
- Pace Quote:
- Pace Project Manager: nicole.d'oleo@pacelabs.com,
- Pace Profile #: TBD

Regulatory Agency:

State / Location: SC

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

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE	Collected Start DATE	Collected Start TIME	Collected End DATE	Collected End TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	NO2/NO3/NH3	Sulfate/Alkalinity	Sulfide	RSK 175 MEE	TOC (total organic carbon)	200.7 FE/MN	200.7 Dissolved FE/MN	CO2	8260	8270	8270 Sim PAH	Residual Chlorine (Y/N)
1	MW-21BR-20220929			9-29-22	0933				8	5			3														X	X	X	
2	MW-21BRL-20220929				0935																						X	X	X	
3	MW-385-20220929				1105																						X	X	X	
4	MW-38BR-20220929				1113			20	20	7	1	2	6	1		3			X	X	X	X	X	X	X	X	X	X	X	
5	MW-395-20220929				1315				8	5			3														X	X	X	
6	MW-39BR-20220929				1320				8	5			3														X	X	X	
7	MW-39BRL-20220929				1457				20	7	1	2	6	1		3			X	X	X	X	X	X	X	X	X	X	X	
8	MW-21-20220929				1515				20	7	1	2	6	1		3			X	X	X	X	X	X	X	X	X	X	X	
9	MW-9R-20220929				0925				8	5			3														X	X	X	
10	MW-7R-20220929				0930																						X	X	X	
11	MW-355-20220929				1150																						X	X	X	
12	MW-35T2-20220929				1150																						X	X	X	

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Klyn Toler / Pace	9-30-22	0815	Kaleigh Sisolak	9-30-22	0815
Kaleigh Sisolak	9/30	1130		9/30	1130
	9/30	13:30		9/30/22	13:30

SAMPLE CONDITIONS			
TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3.2 / 5.0 / 3.1	Y	~	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: John Trotter

SIGNATURE of SAMPLER: [signature] DATE Signed: 9-29-22

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: GeoSyntec	Billing Information:
Address: 201 East McBee Ave. Ste. 201	
Report To: Michael Martin	Email To: MMartin@geosyntec.com
Copy To:	Site Collection Info/Address: Former Bramble
Customer Project Name/Number:	State: SC County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 10 day TAT Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270
TB-05-20220929	OT	-	9-29-22	-				2	X	X	
TB-06-20220929	OT	-	9-29-22					2	X	X	
TB-07-20220929	OT	-	9-29-22					2	X	X	

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

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2704933

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 3.3
Cooler 1 Temp Upon Receipt: ____oC 5.0
Cooler 1 Therm Corr. Factor: 0 oC 5.1
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
N. M / Geosyntec	9/29/22 0815 9/30	Kaleigh Sisolak	9-30-22 0815
Kaleigh Sisolak	9/30 1130		9/30 1130
	9/30 13:30		9/30/22 13:30

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

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

October 20, 2022

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

RE: Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on October 04, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

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

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Pace Analytical Services National

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

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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 Site
Pace Project No.: 92629399

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92629399001	MW-3BRL-20221003	Water	10/03/22 11:45	10/04/22 14:15
92629399002	MW-3-20221003	Water	10/03/22 13:54	10/04/22 14:15
92629399003	MW-3BR-20221003	Water	10/03/22 13:55	10/04/22 14:15
92629399004	MW-20-20221003	Water	10/03/22 15:13	10/04/22 14:15
92629399005	MW-1-20221003	Water	10/03/22 15:15	10/04/22 14:15
92629399006	MW-48TZ-20221003	Water	10/03/22 10:25	10/04/22 14:15
92629399007	MW-48S-20221003	Water	10/03/22 10:40	10/04/22 14:15
92629399008	MW-33S-20221003	Water	10/03/22 12:05	10/04/22 14:15
92629399009	MW-33TZ-20221003	Water	10/03/22 12:30	10/04/22 14:15
92629399010	MW-32TZ-20221003 (MS/MSD)	Water	10/03/22 15:00	10/04/22 14:15
92629399011	MW-32S-20221003	Water	10/03/22 15:05	10/04/22 14:15
92629399012	EB-02-20221003	Water	10/03/22 16:15	10/04/22 14:15
92629399013	TB-08-20221003	Water	10/03/22 00:00	10/04/22 14:15
92629399014	TB-09-20221003	Water	10/03/22 00:00	10/04/22 14:15
92629399015	MW-46BR-20221003	Water	10/03/22 09:54	10/04/22 14:15
92629399016	MW-47BR-20221003	Water	10/03/22 10:10	10/04/22 14:15
92629399017	MW-45BR-20221003	Water	10/03/22 11:47	10/04/22 14:15

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

SAMPLE ANALYTE COUNT

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92629399001	MW-3BRL-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399002	MW-3-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399003	MW-3BR-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399004	MW-20-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399005	MW-1-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399006	MW-48TZ-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399007	MW-48S-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399008	MW-33S-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399009	MW-33TZ-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399010	MW-32TZ-20221003 (MS/MSD)	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399011	MW-32S-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399012	EB-02-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629399013	TB-08-20221003	EPA 8260D	GAW	62	PASI-C

Pace Analytical Services, LLC
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Huntersville, NC 28078
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SAMPLE ANALYTE COUNT

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92629399014	**TB-09-20221003**	EPA 8260D	GAW	62	PASI-C
92629399015	**MW-46BR-20221003**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629399016	**MW-47BR-20221003**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629399017	**MW-45BR-20221003**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	MJI	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
		SM 2320B-2011	YEG	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A

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

SAMPLE ANALYTE COUNT

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A

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

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

SUMMARY OF DETECTION

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629399001	**MW-3BRL-20221003**					
EPA 8270E	Acenaphthene	50.1	ug/L	9.1	10/07/22 18:21	
EPA 8270E	Acenaphthylene	156	ug/L	36.4	10/08/22 02:26	
EPA 8270E	Anthracene	5.2J	ug/L	9.1	10/07/22 18:21	
EPA 8270E	Dibenzofuran	12.8	ug/L	9.1	10/07/22 18:21	
EPA 8270E	2,4-Dimethylphenol	13.1	ug/L	9.1	10/07/22 18:21	
EPA 8270E	Fluorene	42.5	ug/L	9.1	10/07/22 18:21	
EPA 8270E	1-Methylnaphthalene	267	ug/L	36.4	10/08/22 02:26	
EPA 8270E	2-Methylnaphthalene	314	ug/L	36.4	10/08/22 02:26	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	1.9J	ug/L	9.1	10/07/22 18:21	
EPA 8270E	Phenanthrene	41.0	ug/L	9.1	10/07/22 18:21	
EPA 8270E	Pyrene	2.5J	ug/L	9.1	10/07/22 18:21	
EPA 8260D	Benzene	532	ug/L	20.0	10/06/22 23:14	
EPA 8260D	Ethylbenzene	143	ug/L	20.0	10/06/22 23:14	
EPA 8260D	Naphthalene	3400	ug/L	20.0	10/06/22 23:14	
EPA 8260D	Styrene	42.2	ug/L	20.0	10/06/22 23:14	
EPA 8260D	Toluene	149	ug/L	20.0	10/06/22 23:14	
EPA 8260D	Xylene (Total)	169	ug/L	20.0	10/06/22 23:14	
EPA 8260D	m&p-Xylene	109	ug/L	40.0	10/06/22 23:14	
EPA 8260D	o-Xylene	60.1	ug/L	20.0	10/06/22 23:14	
92629399002	**MW-3-20221003**					
EPA 8270E	Acenaphthene	9.2J	ug/L	10.0	10/08/22 11:23	
EPA 8270E	Fluorene	3.2J	ug/L	10.0	10/08/22 11:23	
EPA 8270E	1-Methylnaphthalene	8.9J	ug/L	10.0	10/08/22 11:23	
EPA 8270E	2-Methylnaphthalene	4.8J	ug/L	10.0	10/08/22 11:23	
EPA 8270E	Phenanthrene	4.5J	ug/L	10.0	10/08/22 11:23	
92629399003	**MW-3BR-20221003**					
EPA 8270E	Acenaphthene	13.4	ug/L	8.7	10/08/22 11:48	
EPA 8270E	Acenaphthylene	35.0	ug/L	8.7	10/08/22 11:48	
EPA 8270E	Dibenzofuran	2.3J	ug/L	8.7	10/08/22 11:48	
EPA 8270E	2,4-Dimethylphenol	42.0	ug/L	8.7	10/08/22 11:48	
EPA 8270E	Fluorene	7.5J	ug/L	8.7	10/08/22 11:48	
EPA 8270E	1-Methylnaphthalene	57.6	ug/L	8.7	10/08/22 11:48	
EPA 8270E	2-Methylnaphthalene	76.0	ug/L	8.7	10/08/22 11:48	
EPA 8270E	Phenanthrene	5.2J	ug/L	8.7	10/08/22 11:48	
EPA 8270E	Phenol	3.3J	ug/L	8.7	10/08/22 11:48	
EPA 8260D	Benzene	181	ug/L	4.0	10/06/22 22:02	
EPA 8260D	Ethylbenzene	28.4	ug/L	4.0	10/06/22 22:02	
EPA 8260D	Naphthalene	763	ug/L	4.0	10/06/22 22:02	
EPA 8260D	Styrene	13.5	ug/L	4.0	10/06/22 22:02	
EPA 8260D	Toluene	70.8	ug/L	4.0	10/06/22 22:02	
EPA 8260D	Xylene (Total)	70.4	ug/L	4.0	10/06/22 22:02	
EPA 8260D	m&p-Xylene	44.8	ug/L	8.0	10/06/22 22:02	
EPA 8260D	o-Xylene	25.6	ug/L	4.0	10/06/22 22:02	
92629399004	**MW-20-20221003**					
EPA 8270E	Acenaphthene	174	ug/L	87.0	10/08/22 16:49	
EPA 8270E	Anthracene	6.1J	ug/L	8.7	10/08/22 12:13	

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

SUMMARY OF DETECTION

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629399004	**MW-20-20221003**					
EPA 8270E	Dibenzofuran	14.0	ug/L	8.7	10/08/22 12:13	
EPA 8270E	2,4-Dimethylphenol	2.3J	ug/L	8.7	10/08/22 12:13	
EPA 8270E	Fluorene	46.9	ug/L	8.7	10/08/22 12:13	
EPA 8270E	1-Methylnaphthalene	395	ug/L	87.0	10/08/22 16:49	
EPA 8270E	2-Methylnaphthalene	651	ug/L	87.0	10/08/22 16:49	
EPA 8270E	Phenanthrene	44.6	ug/L	8.7	10/08/22 12:13	
EPA 8270E	Pyrene	2.2J	ug/L	8.7	10/08/22 12:13	
EPA 8260D	Benzene	192	ug/L	25.0	10/06/22 23:33	
EPA 8260D	Ethylbenzene	238	ug/L	25.0	10/06/22 23:33	
EPA 8260D	Naphthalene	4640	ug/L	25.0	10/06/22 23:33	
EPA 8260D	Toluene	21.4J	ug/L	25.0	10/06/22 23:33	
EPA 8260D	Xylene (Total)	174	ug/L	25.0	10/06/22 23:33	
EPA 8260D	m&p-Xylene	117	ug/L	50.0	10/06/22 23:33	
EPA 8260D	o-Xylene	56.7	ug/L	25.0	10/06/22 23:33	
92629399005	**MW-1-20221003**					
EPA 8270E	Acenaphthene	305	ug/L	90.9	10/10/22 10:12	
EPA 8270E	Anthracene	15.5	ug/L	9.1	10/08/22 12:38	
EPA 8270E	Dibenzofuran	32.5	ug/L	9.1	10/08/22 12:38	
EPA 8270E	Fluoranthene	4.2J	ug/L	9.1	10/08/22 12:38	
EPA 8270E	Fluorene	90.6	ug/L	9.1	10/08/22 12:38	
EPA 8270E	1-Methylnaphthalene	722	ug/L	90.9	10/10/22 10:12	
EPA 8270E	2-Methylnaphthalene	710	ug/L	90.9	10/10/22 10:12	
EPA 8270E	Phenanthrene	93.4	ug/L	9.1	10/08/22 12:38	
EPA 8270E	Pyrene	5.7J	ug/L	9.1	10/08/22 12:38	
EPA 8260D	Benzene	15.8	ug/L	12.5	10/06/22 22:38	
EPA 8260D	Ethylbenzene	28.5	ug/L	12.5	10/06/22 22:38	
EPA 8260D	Naphthalene	1700	ug/L	12.5	10/06/22 22:38	
EPA 8260D	Toluene	6.6J	ug/L	12.5	10/06/22 22:38	
EPA 8260D	Xylene (Total)	39.1	ug/L	12.5	10/06/22 22:38	
EPA 8260D	m&p-Xylene	21.3J	ug/L	25.0	10/06/22 22:38	
EPA 8260D	o-Xylene	17.8	ug/L	12.5	10/06/22 22:38	
92629399006	**MW-48TZ-20221003**					
EPA 8270E	2-Methylnaphthalene	1.7J	ug/L	9.1	10/08/22 13:03	
92629399007	**MW-48S-20221003**					
EPA 8270E	2-Methylnaphthalene	2.0J	ug/L	9.1	10/08/22 13:28	
92629399012	**EB-02-20221003**					
EPA 8270E	2-Methylnaphthalene	1.7J	ug/L	8.7	10/08/22 15:09	
92629399013	**TB-08-20221003**					
EPA 8260D	Acetone	85.5	ug/L	25.0	10/07/22 23:51	
EPA 8260D	Methylene Chloride	2.0J	ug/L	5.0	10/07/22 23:51	C9
92629399014	**TB-09-20221003**					
EPA 8260D	Acetone	47.2	ug/L	25.0	10/08/22 00:10	
EPA 8260D	Methylene Chloride	4.3J	ug/L	5.0	10/08/22 00:10	C9

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 Site
Pace Project No.: 92629399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629399015	**MW-46BR-20221003**					
RSK-175	Methane	1370	ug/L	10.0	10/12/22 12:16	
EPA 6010D	Iron	66.2	ug/L	50.0	10/07/22 13:52	
EPA 6010D	Manganese	5.5	ug/L	5.0	10/07/22 13:52	
EPA 6010D	Manganese, Dissolved	3.7J	ug/L	5.0	10/08/22 12:59	P4
EPA 8260D	Naphthalene	3.4	ug/L	1.0	10/06/22 16:25	
SM 2320B-2011	Alkalinity, Total as CaCO3	145	mg/L	5.0	10/06/22 14:36	
SM 4500-S2D-2011	Sulfide	0.73	mg/L	0.25	10/08/22 05:41	
EPA 300.0 Rev 2.1 1993	Sulfate	1.3	mg/L	1.0	10/06/22 19:58	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.060J	mg/L	0.10	10/07/22 10:49	
EPA 9060A	Total Organic Carbon	1.0J	mg/L	1.0	10/06/22 16:02	
EPA 9060A	Total Organic Carbon	0.97J	mg/L	1.0	10/06/22 16:02	
EPA 9060A	Total Organic Carbon	0.94J	mg/L	1.0	10/06/22 16:02	
EPA 9060A	Total Organic Carbon	1.0J	mg/L	1.0	10/06/22 16:02	
EPA 9060A	Mean Total Organic Carbon	0.98J	mg/L	1.0	10/06/22 16:02	
SM 4500-CO2 D-2011	Carbon dioxide	127	mg/L	5.0	10/10/22 21:47	N2
92629399016	**MW-47BR-20221003**					
RSK-175	Methane	1050	ug/L	10.0	10/12/22 12:22	
EPA 8270E	Acenaphthene	7.2J	ug/L	9.1	10/08/22 15:59	
EPA 8270E	Acenaphthylene	89.3	ug/L	9.1	10/08/22 15:59	
EPA 8270E	Anthracene	2.2J	ug/L	9.1	10/08/22 15:59	
EPA 8270E	Dibenzofuran	4.9J	ug/L	9.1	10/08/22 15:59	
EPA 8270E	2,4-Dimethylphenol	17.9	ug/L	9.1	10/08/22 15:59	
EPA 8270E	Fluorene	15.8	ug/L	9.1	10/08/22 15:59	
EPA 8270E	1-Methylnaphthalene	141	ug/L	18.2	10/08/22 17:40	
EPA 8270E	2-Methylnaphthalene	237	ug/L	18.2	10/08/22 17:40	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	3.9J	ug/L	9.1	10/08/22 15:59	
EPA 8270E	Phenanthrene	15.0	ug/L	9.1	10/08/22 15:59	
EPA 8270E	Phenol	2.0J	ug/L	9.1	10/08/22 15:59	
EPA 8260D	Acetone	343J	ug/L	625	10/08/22 06:02	
EPA 8260D	Benzene	167	ug/L	25.0	10/08/22 06:02	
EPA 8260D	Ethylbenzene	215	ug/L	25.0	10/08/22 06:02	
EPA 8260D	Naphthalene	2620	ug/L	25.0	10/08/22 06:02	
EPA 8260D	Styrene	75.9	ug/L	25.0	10/08/22 06:02	
EPA 8260D	Toluene	992	ug/L	25.0	10/08/22 06:02	
EPA 8260D	Xylene (Total)	1040	ug/L	25.0	10/08/22 06:02	
EPA 8260D	m&p-Xylene	688	ug/L	50.0	10/08/22 06:02	
EPA 8260D	o-Xylene	353	ug/L	25.0	10/08/22 06:02	
SM 2320B-2011	Alkalinity, Total as CaCO3	878	mg/L	5.0	10/06/22 15:25	
SM 4500-S2D-2011	Sulfide	0.029J	mg/L	0.10	10/08/22 05:42	
EPA 300.0 Rev 2.1 1993	Sulfate	15.8	mg/L	1.0	10/06/22 20:13	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	1.1	mg/L	0.10	10/07/22 10:53	
EPA 9060A	Total Organic Carbon	17.5	mg/L	1.0	10/06/22 17:00	
EPA 9060A	Total Organic Carbon	17.4	mg/L	1.0	10/06/22 17:00	
EPA 9060A	Total Organic Carbon	17.4	mg/L	1.0	10/06/22 17:00	
EPA 9060A	Total Organic Carbon	17.8	mg/L	1.0	10/06/22 17:00	
EPA 9060A	Mean Total Organic Carbon	17.6	mg/L	1.0	10/06/22 17:00	
SM 4500-CO2 D-2011	Carbon dioxide	116	mg/L	5.0	10/10/22 21:47	N2

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 Site
Pace Project No.: 92629399

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629399017	**MW-45BR-20221003**					
RSK-175	Methane	532	ug/L	10.0	10/12/22 12:24	
EPA 8270E	Acenaphthene	2.9J	ug/L	10.0	10/08/22 16:24	
EPA 8270E	2,4-Dimethylphenol	42.8	ug/L	10.0	10/08/22 16:24	
EPA 8270E	1-Methylnaphthalene	7.8J	ug/L	10.0	10/08/22 16:24	
EPA 8270E	2-Methylnaphthalene	9.9J	ug/L	10.0	10/08/22 16:24	
EPA 8270E	Phenol	6.3J	ug/L	10.0	10/08/22 16:24	
EPA 8260D	Acetone	156	ug/L	50.0	10/06/22 16:42	
EPA 8260D	Benzene	74.3	ug/L	2.0	10/06/22 16:42	
EPA 8260D	Chlorobenzene	0.70J	ug/L	2.0	10/06/22 16:42	
EPA 8260D	Ethylbenzene	15.6	ug/L	2.0	10/06/22 16:42	
EPA 8260D	Naphthalene	215	ug/L	2.0	10/06/22 16:42	
EPA 8260D	Styrene	3.3	ug/L	2.0	10/06/22 16:42	
EPA 8260D	Toluene	25.2	ug/L	2.0	10/06/22 16:42	
EPA 8260D	Xylene (Total)	19.1	ug/L	2.0	10/06/22 16:42	
EPA 8260D	m&p-Xylene	11.7	ug/L	4.0	10/06/22 16:42	
EPA 8260D	o-Xylene	7.3	ug/L	2.0	10/06/22 16:42	
SM 2320B-2011	Alkalinity, Total as CaCO3	165	mg/L	5.0	10/06/22 15:36	
SM 4500-S2D-2011	Sulfide	0.47	mg/L	0.10	10/08/22 05:43	
EPA 300.0 Rev 2.1 1993	Sulfate	119	mg/L	2.0	10/07/22 12:39	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.23	mg/L	0.10	10/07/22 10:58	
EPA 9060A	Total Organic Carbon	23.1	mg/L	1.0	10/06/22 17:19	
EPA 9060A	Total Organic Carbon	22.6	mg/L	1.0	10/06/22 17:19	
EPA 9060A	Total Organic Carbon	22.8	mg/L	1.0	10/06/22 17:19	
EPA 9060A	Total Organic Carbon	22.9	mg/L	1.0	10/06/22 17:19	
EPA 9060A	Mean Total Organic Carbon	22.9	mg/L	1.0	10/06/22 17:19	
SM 4500-CO2 D-2011	Carbon dioxide	43.5	mg/L	5.0	10/10/22 21:47	N2

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **RSK-175**
Description: VOA (GC) RSK175
Client: Duke Energy
Date: October 20, 2022

General Information:
3 samples were analyzed for RSK-175 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: October 20, 2022

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

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 6010D**
Description: 6010 MET ICP, Lab Filtered
Client: Duke Energy
Date: October 20, 2022

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

P4: Sample field preservation does not meet EPA or method recommendations for this analysis.
- MW-45BR-20221003 (Lab ID: 92629399017)
- MW-46BR-20221003 (Lab ID: 92629399015)
- MW-47BR-20221003 (Lab ID: 92629399016)

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

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

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

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 20, 2022

General Information:
15 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.

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

QC Batch: 728684

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629399010

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

- MSD (Lab ID: 3794754)
  - Hexachloroethane

R1: RPD value was outside control limits.

- MSD (Lab ID: 3794754)
  - 2,4,6-Trichlorophenol
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - Hexachlorocyclopentadiene
  - Pentachlorophenol

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 20, 2022

Additional Comments:

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 20, 2022

General Information:
15 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: 728391

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

- MW-1-20221003 (Lab ID: 92629399005)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)
- MW-20-20221003 (Lab ID: 92629399004)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)
- MW-3BR-20221003 (Lab ID: 92629399003)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)
- MW-3BRL-20221003 (Lab ID: 92629399001)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)
- MW-45BR-20221003 (Lab ID: 92629399017)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)

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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 20, 2022

QC Batch: 728391

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

- MW-47BR-20221003 (Lab ID: 92629399016)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: 728391

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

- MW-1-20221003 (Lab ID: 92629399005)
  - Nitrobenzene-d5 (S)
- MW-20-20221003 (Lab ID: 92629399004)
  - Nitrobenzene-d5 (S)
- MW-3BR-20221003 (Lab ID: 92629399003)
  - Nitrobenzene-d5 (S)
- MW-3BRL-20221003 (Lab ID: 92629399001)
  - Nitrobenzene-d5 (S)
- MW-45BR-20221003 (Lab ID: 92629399017)
  - Nitrobenzene-d5 (S)
- MW-47BR-20221003 (Lab ID: 92629399016)
  - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 20, 2022

General Information:
17 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: 728330

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: 3792704)
  - 1,1,1,2-Tetrachloroethane
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
- EB-02-20221003 (Lab ID: 92629399012)
  - 1,1,1,2-Tetrachloroethane
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
- LCS (Lab ID: 3792705)
  - 1,1,1,2-Tetrachloroethane
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
- MW-45BR-20221003 (Lab ID: 92629399017)
  - 1,1,1,2-Tetrachloroethane
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate
- MW-46BR-20221003 (Lab ID: 92629399015)
  - 1,1,1,2-Tetrachloroethane
  - Bromoform
  - Dibromochloromethane
  - Vinyl acetate

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

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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 20, 2022

QC Batch: 728162

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3792119)
  - Acetone
- MSD (Lab ID: 3792120)
  - Acetone
- MW-32TZ-20221003 (MS/MSD) (Lab ID: 92629399010)
  - Acetone

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3792117)
  - Bromomethane
- MW-1-20221003 (Lab ID: 92629399005)
  - Bromomethane
- MW-20-20221003 (Lab ID: 92629399004)
  - Bromomethane
- MW-3-20221003 (Lab ID: 92629399002)
  - Bromomethane
- MW-32S-20221003 (Lab ID: 92629399011)
  - Bromomethane
- MW-32TZ-20221003 (MS/MSD) (Lab ID: 92629399010)
  - Bromomethane
- MW-33S-20221003 (Lab ID: 92629399008)
  - Bromomethane
- MW-33TZ-20221003 (Lab ID: 92629399009)
  - Bromomethane
- MW-3BR-20221003 (Lab ID: 92629399003)
  - Bromomethane
- MW-3BRL-20221003 (Lab ID: 92629399001)
  - Bromomethane
- MW-48S-20221003 (Lab ID: 92629399007)
  - Bromomethane
- MW-48TZ-20221003 (Lab ID: 92629399006)
  - Bromomethane

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

- LCS (Lab ID: 3792118)
  - Bromomethane
- MS (Lab ID: 3792119)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MSD (Lab ID: 3792120)
  - Bromomethane
  - Hexachloro-1,3-butadiene
- MW-32TZ-20221003 (MS/MSD) (Lab ID: 92629399010)

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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 20, 2022

QC Batch: 728162

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

- Bromomethane
- Hexachloro-1,3-butadiene

QC Batch: 728330

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3792704)
  - cis-1,3-Dichloropropene
- EB-02-20221003 (Lab ID: 92629399012)
  - cis-1,3-Dichloropropene
- LCS (Lab ID: 3792705)
  - cis-1,3-Dichloropropene
- MW-45BR-20221003 (Lab ID: 92629399017)
  - cis-1,3-Dichloropropene
- MW-46BR-20221003 (Lab ID: 92629399015)
  - cis-1,3-Dichloropropene

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: 3792704)
  - Bromomethane
- EB-02-20221003 (Lab ID: 92629399012)
  - Bromomethane
- MW-45BR-20221003 (Lab ID: 92629399017)
  - Bromomethane
- MW-46BR-20221003 (Lab ID: 92629399015)
  - Bromomethane

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

- LCS (Lab ID: 3792705)
  - Bromomethane
- MS (Lab ID: 3792706)
  - Bromomethane
- MSD (Lab ID: 3792707)
  - Bromomethane
- MW-46BR-20221003 (Lab ID: 92629399015)
  - Bromomethane

QC Batch: 728852

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: 3795838)
  - Bromomethane
  - Trichlorofluoromethane
- MW-47BR-20221003 (Lab ID: 92629399016)

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 20, 2022

QC Batch: 728852

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Bromomethane
- Trichlorofluoromethane

- TB-08-20221003 (Lab ID: 92629399013)
  - Bromomethane
  - Trichlorofluoromethane
- TB-09-20221003 (Lab ID: 92629399014)
  - Bromomethane
  - Trichlorofluoromethane

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: 3795839)
  - Bromomethane
  - Trichlorofluoromethane
- MS (Lab ID: 3795840)
  - Chloromethane
  - Dichlorodifluoromethane
- MSD (Lab ID: 3795841)
  - Chloromethane
  - Dichlorodifluoromethane

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

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

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

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

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

QC Batch: 728162

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629399010

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

- MS (Lab ID: 3792119)
  - Chloromethane
- MSD (Lab ID: 3792120)
  - Chloromethane

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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 20, 2022

Additional Comments:

Analyte Comments:

QC Batch: 728852

C0: Result confirmed by second analysis.

- TB-08-20221003 (Lab ID: 92629399013)
  - 4-Bromofluorobenzene (S)
- TB-09-20221003 (Lab ID: 92629399014)
  - 4-Bromofluorobenzene (S)

C9: Common Laboratory Contaminant.

- TB-08-20221003 (Lab ID: 92629399013)
  - Methylene Chloride
- TB-09-20221003 (Lab ID: 92629399014)
  - Methylene Chloride

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Huntersville, NC 28078
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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: October 20, 2022

General Information:
3 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

QC Batch: 728312

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92628600016,92628849001

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

- MS (Lab ID: 3792640)
  - Alkalinity, Total as CaCO3
- MSD (Lab ID: 3792641)
  - Alkalinity, Total as CaCO3

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: October 20, 2022

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

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

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

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

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

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: October 20, 2022

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

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

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

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

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

QC Batch: 728364

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629193001,92629526005

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

- MS (Lab ID: 3792964)
  - Sulfate
- MSD (Lab ID: 3792965)
  - Sulfate

Additional Comments:

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(704)875-9092

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: October 20, 2022

General Information:
3 samples were analyzed for EPA 350.1 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: October 20, 2022

General Information:
3 samples were analyzed for EPA 353.2 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

QC Batch: 728230

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629399015,92629399016

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

- MS (Lab ID: 3792347)
  - Nitrogen, NO2 plus NO3
- MSD (Lab ID: 3792348)
  - Nitrogen, NO2 plus NO3

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: October 20, 2022

General Information:
3 samples were analyzed for EPA 9060A by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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

PROJECT NARRATIVE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: October 20, 2022

General Information:
3 samples were analyzed for SM 4500-CO2 D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BRL-20221003 **Lab ID: 92629399001** Collected: 10/03/22 11:45 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**50.1**	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:21	83-32-9	
Acenaphthylene	**156**	ug/L	36.4	7.1	4	10/07/22 13:01	10/08/22 02:26	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:21	62-53-3	
Anthracene	**5.2J**	ug/L	9.1	2.1	1	10/07/22 13:01	10/07/22 18:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 13:01	10/07/22 18:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 13:01	10/07/22 18:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 13:01	10/07/22 18:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 13:01	10/07/22 18:21	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 13:01	10/07/22 18:21	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 13:01	10/07/22 18:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 13:01	10/07/22 18:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 13:01	10/07/22 18:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 13:01	10/07/22 18:21	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 13:01	10/07/22 18:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 13:01	10/07/22 18:21	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 13:01	10/07/22 18:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:21	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 13:01	10/07/22 18:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 13:01	10/07/22 18:21	53-70-3	
Dibenzofuran	**12.8**	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 13:01	10/07/22 18:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:21	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:21	84-66-2	
2,4-Dimethylphenol	**13.1**	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:21	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 13:01	10/07/22 18:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 13:01	10/07/22 18:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 13:01	10/07/22 18:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 13:01	10/07/22 18:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 13:01	10/07/22 18:21	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:21	206-44-0	
Fluorene	**42.5**	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:21	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 13:01	10/07/22 18:21	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 13:01	10/07/22 18:21	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:21	78-59-1	
1-Methylnaphthalene	**267**	ug/L	36.4	7.4	4	10/07/22 13:01	10/08/22 02:26	90-12-0	
2-Methylnaphthalene	**314**	ug/L	36.4	6.8	4	10/07/22 13:01	10/08/22 02:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	**1.9J**	ug/L	9.1	1.1	1	10/07/22 13:01	10/07/22 18:21	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 Site
Pace Project No.: 92629399

Sample: MW-3BRL-20221003 **Lab ID: 92629399001** Collected: 10/03/22 11:45 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 13:01	10/07/22 18:21	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 13:01	10/07/22 18:21	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 13:01	10/07/22 18:21	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:21	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:21	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 13:01	10/07/22 18:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 13:01	10/07/22 18:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 13:01	10/07/22 18:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 13:01	10/07/22 18:21	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 13:01	10/07/22 18:21	87-86-5	
Phenanthrene	**41.0**	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:21	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/07/22 13:01	10/07/22 18:21	108-95-2	
Pyrene	**2.5J**	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 13:01	10/07/22 18:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	44	%	10-144		1	10/07/22 13:01	10/07/22 18:21	4165-60-0	
2-Fluorobiphenyl (S)	36	%	10-130		1	10/07/22 13:01	10/07/22 18:21	321-60-8	
Terphenyl-d14 (S)	124	%	34-163		1	10/07/22 13:01	10/07/22 18:21	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	10/07/22 13:01	10/07/22 18:21	13127-88-3	
2-Fluorophenol (S)	41	%	10-130		1	10/07/22 13:01	10/07/22 18:21	367-12-4	
2,4,6-Tribromophenol (S)	108	%	10-144		1	10/07/22 13:01	10/07/22 18:21	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/06/22 14:23	10/07/22 14:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/06/22 14:23	10/07/22 14:08	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/06/22 14:23	10/07/22 14:08	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/06/22 14:23	10/07/22 14:08	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	500	102	20		10/06/22 23:14	67-64-1	
Benzene	**532**	ug/L	20.0	6.9	20		10/06/22 23:14	71-43-2	
Bromobenzene	ND	ug/L	20.0	5.8	20		10/06/22 23:14	108-86-1	
Bromochloromethane	ND	ug/L	20.0	9.4	20		10/06/22 23:14	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	6.1	20		10/06/22 23:14	75-27-4	
Bromoform	ND	ug/L	20.0	6.8	20		10/06/22 23:14	75-25-2	
Bromomethane	ND	ug/L	40.0	33.2	20		10/06/22 23:14	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	100	79.2	20		10/06/22 23:14	78-93-3	
Carbon tetrachloride	ND	ug/L	20.0	6.7	20		10/06/22 23:14	56-23-5	
Chlorobenzene	ND	ug/L	20.0	5.7	20		10/06/22 23:14	108-90-7	
Chloroethane	ND	ug/L	20.0	13.0	20		10/06/22 23:14	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BRL-20221003 **Lab ID: 92629399001** Collected: 10/03/22 11:45 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	20.0	8.6	20		10/06/22 23:14	67-66-3	
Chloromethane	ND	ug/L	20.0	10.8	20		10/06/22 23:14	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	6.4	20		10/06/22 23:14	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	6.5	20		10/06/22 23:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	6.8	20		10/06/22 23:14	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	7.2	20		10/06/22 23:14	124-48-1	
Dibromomethane	ND	ug/L	20.0	7.9	20		10/06/22 23:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	20.0	6.8	20		10/06/22 23:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	20.0	6.8	20		10/06/22 23:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	20.0	6.7	20		10/06/22 23:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	6.9	20		10/06/22 23:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	7.3	20		10/06/22 23:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	6.4	20		10/06/22 23:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	7.0	20		10/06/22 23:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	20.0	7.7	20		10/06/22 23:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	7.9	20		10/06/22 23:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	20.0	7.1	20		10/06/22 23:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	5.7	20		10/06/22 23:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	7.8	20		10/06/22 23:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	20.0	8.5	20		10/06/22 23:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	7.3	20		10/06/22 23:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	7.3	20		10/06/22 23:14	10061-02-6	
Diisopropyl ether	ND	ug/L	20.0	6.2	20		10/06/22 23:14	108-20-3	
Ethylbenzene	**143**	ug/L	20.0	6.1	20		10/06/22 23:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	40.0	30.6	20		10/06/22 23:14	87-68-3	
2-Hexanone	ND	ug/L	100	9.5	20		10/06/22 23:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	20.0	8.3	20		10/06/22 23:14	99-87-6	
Methylene Chloride	ND	ug/L	100	39.0	20		10/06/22 23:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	54.2	20		10/06/22 23:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	20.0	8.4	20		10/06/22 23:14	1634-04-4	
Naphthalene	**3400**	ug/L	20.0	12.9	20		10/06/22 23:14	91-20-3	
Styrene	**42.2**	ug/L	20.0	5.8	20		10/06/22 23:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	6.2	20		10/06/22 23:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	4.5	20		10/06/22 23:14	79-34-5	
Tetrachloroethene	ND	ug/L	20.0	5.8	20		10/06/22 23:14	127-18-4	
Toluene	**149**	ug/L	20.0	9.7	20		10/06/22 23:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	16.1	20		10/06/22 23:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	12.8	20		10/06/22 23:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	6.6	20		10/06/22 23:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	6.5	20		10/06/22 23:14	79-00-5	
Trichloroethene	ND	ug/L	20.0	7.7	20		10/06/22 23:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	20.0	6.0	20		10/06/22 23:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	5.2	20		10/06/22 23:14	96-18-4	
Vinyl acetate	ND	ug/L	40.0	26.2	20		10/06/22 23:14	108-05-4	
Vinyl chloride	ND	ug/L	20.0	7.7	20		10/06/22 23:14	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BRL-20221003 **Lab ID: 92629399001** Collected: 10/03/22 11:45 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**169**	ug/L	20.0	6.8	20		10/06/22 23:14	1330-20-7	
m&p-Xylene	**109**	ug/L	40.0	14.2	20		10/06/22 23:14	179601-23-1	
o-Xylene	**60.1**	ug/L	20.0	6.8	20		10/06/22 23:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		20		10/06/22 23:14	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		20		10/06/22 23:14	17060-07-0	
Toluene-d8 (S)	100	%	70-130		20		10/06/22 23:14	2037-26-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3-20221003 **Lab ID: 92629399002** Collected: 10/03/22 13:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**9.2J**	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 11:23	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 11:23	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 11:23	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/07/22 17:49	10/08/22 11:23	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/07/22 17:49	10/08/22 11:23	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/07/22 17:49	10/08/22 11:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/07/22 17:49	10/08/22 11:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/07/22 17:49	10/08/22 11:23	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/07/22 17:49	10/08/22 11:23	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/07/22 17:49	10/08/22 11:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/07/22 17:49	10/08/22 11:23	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/07/22 17:49	10/08/22 11:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/07/22 17:49	10/08/22 11:23	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/07/22 17:49	10/08/22 11:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/07/22 17:49	10/08/22 11:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 11:23	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 11:23	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 11:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 11:23	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/07/22 17:49	10/08/22 11:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/07/22 17:49	10/08/22 11:23	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 11:23	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/07/22 17:49	10/08/22 11:23	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 11:23	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 11:23	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 11:23	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 11:23	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 11:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/07/22 17:49	10/08/22 11:23	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/07/22 17:49	10/08/22 11:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 11:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 11:23	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/07/22 17:49	10/08/22 11:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/07/22 17:49	10/08/22 11:23	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 11:23	206-44-0	
Fluorene	**3.2J**	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 11:23	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 11:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 11:23	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 11:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/07/22 17:49	10/08/22 11:23	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 11:23	78-59-1	
1-Methylnaphthalene	**8.9J**	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 11:23	90-12-0	
2-Methylnaphthalene	**4.8J**	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 11:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 11:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 11:23	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3-20221003 **Lab ID: 92629399002** Collected: 10/03/22 13:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/07/22 17:49	10/08/22 11:23	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/07/22 17:49	10/08/22 11:23	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/07/22 17:49	10/08/22 11:23	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 11:23	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 11:23	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/07/22 17:49	10/08/22 11:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 11:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/07/22 17:49	10/08/22 11:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/07/22 17:49	10/08/22 11:23	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 11:23	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/07/22 17:49	10/08/22 11:23	87-86-5	
Phenanthrene	**4.5J**	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 11:23	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 11:23	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 11:23	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 11:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 11:23	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	10-144		1	10/07/22 17:49	10/08/22 11:23	4165-60-0	
2-Fluorobiphenyl (S)	39	%	10-130		1	10/07/22 17:49	10/08/22 11:23	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	10/07/22 17:49	10/08/22 11:23	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	10/07/22 17:49	10/08/22 11:23	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	10/07/22 17:49	10/08/22 11:23	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	10/07/22 17:49	10/08/22 11:23	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 10:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	69-194		1	10/06/22 14:23	10/07/22 10:08	4165-60-0	
2-Fluorobiphenyl (S)	89	%	61-194		1	10/06/22 14:23	10/07/22 10:08	321-60-8	
Terphenyl-d14 (S)	88	%	69-180		1	10/06/22 14:23	10/07/22 10:08	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 20:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 20:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 20:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 20:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 20:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 20:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 20:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 20:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 20:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 20:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 20:49	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3-20221003 **Lab ID: 92629399002** Collected: 10/03/22 13:54 Received: 10/04/22 14:15 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3-20221003 **Lab ID: 92629399002** Collected: 10/03/22 13:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 20:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 20:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 20:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/06/22 20:49	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/06/22 20:49	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/06/22 20:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BR-20221003 **Lab ID: 92629399003** Collected: 10/03/22 13:55 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**13.4**	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 11:48	83-32-9	
Acenaphthylene	**35.0**	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 11:48	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 11:48	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/07/22 17:49	10/08/22 11:48	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 11:48	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 11:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 11:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 11:48	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/07/22 17:49	10/08/22 11:48	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/07/22 17:49	10/08/22 11:48	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 11:48	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/07/22 17:49	10/08/22 11:48	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/07/22 17:49	10/08/22 11:48	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/07/22 17:49	10/08/22 11:48	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 11:48	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 11:48	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 11:48	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 11:48	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 11:48	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 11:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 11:48	53-70-3	
Dibenzofuran	**2.3J**	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 11:48	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/07/22 17:49	10/08/22 11:48	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 11:48	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 11:48	84-66-2	
2,4-Dimethylphenol	**42.0**	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 11:48	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 11:48	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 11:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/07/22 17:49	10/08/22 11:48	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/07/22 17:49	10/08/22 11:48	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 11:48	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 11:48	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/07/22 17:49	10/08/22 11:48	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/07/22 17:49	10/08/22 11:48	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 11:48	206-44-0	
Fluorene	**7.5J**	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 11:48	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 11:48	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 11:48	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 11:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 11:48	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 11:48	78-59-1	
1-Methylnaphthalene	**57.6**	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 11:48	90-12-0	
2-Methylnaphthalene	**76.0**	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 11:48	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 11:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/07/22 17:49	10/08/22 11:48	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BR-20221003 **Lab ID: 92629399003** Collected: 10/03/22 13:55 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/07/22 17:49	10/08/22 11:48	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 11:48	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/07/22 17:49	10/08/22 11:48	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 11:48	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 11:48	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/07/22 17:49	10/08/22 11:48	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 11:48	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 11:48	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 11:48	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 11:48	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 11:48	87-86-5	
Phenanthrene	**5.2J**	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 11:48	85-01-8	
Phenol	**3.3J**	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 11:48	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 11:48	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 11:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/07/22 17:49	10/08/22 11:48	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	45	%	10-144		1	10/07/22 17:49	10/08/22 11:48	4165-60-0	
2-Fluorobiphenyl (S)	22	%	10-130		1	10/07/22 17:49	10/08/22 11:48	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	10/07/22 17:49	10/08/22 11:48	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	10/07/22 17:49	10/08/22 11:48	13127-88-3	
2-Fluorophenol (S)	36	%	10-130		1	10/07/22 17:49	10/08/22 11:48	367-12-4	
2,4,6-Tribromophenol (S)	73	%	10-144		1	10/07/22 17:49	10/08/22 11:48	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/06/22 14:23	10/07/22 14:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/06/22 14:23	10/07/22 14:30	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/06/22 14:23	10/07/22 14:30	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/06/22 14:23	10/07/22 14:30	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	100	20.4	4		10/06/22 22:02	67-64-1	
Benzene	**181**	ug/L	4.0	1.4	4		10/06/22 22:02	71-43-2	
Bromobenzene	ND	ug/L	4.0	1.2	4		10/06/22 22:02	108-86-1	
Bromochloromethane	ND	ug/L	4.0	1.9	4		10/06/22 22:02	74-97-5	
Bromodichloromethane	ND	ug/L	4.0	1.2	4		10/06/22 22:02	75-27-4	
Bromoform	ND	ug/L	4.0	1.4	4		10/06/22 22:02	75-25-2	
Bromomethane	ND	ug/L	8.0	6.6	4		10/06/22 22:02	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	20.0	15.8	4		10/06/22 22:02	78-93-3	
Carbon tetrachloride	ND	ug/L	4.0	1.3	4		10/06/22 22:02	56-23-5	
Chlorobenzene	ND	ug/L	4.0	1.1	4		10/06/22 22:02	108-90-7	
Chloroethane	ND	ug/L	4.0	2.6	4		10/06/22 22:02	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BR-20221003 **Lab ID: 92629399003** Collected: 10/03/22 13:55 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	4.0	1.7	4		10/06/22 22:02	67-66-3	
Chloromethane	ND	ug/L	4.0	2.2	4		10/06/22 22:02	74-87-3	
2-Chlorotoluene	ND	ug/L	4.0	1.3	4		10/06/22 22:02	95-49-8	
4-Chlorotoluene	ND	ug/L	4.0	1.3	4		10/06/22 22:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	8.0	1.4	4		10/06/22 22:02	96-12-8	
Dibromochloromethane	ND	ug/L	4.0	1.4	4		10/06/22 22:02	124-48-1	
Dibromomethane	ND	ug/L	4.0	1.6	4		10/06/22 22:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	4.0	1.4	4		10/06/22 22:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	4.0	1.4	4		10/06/22 22:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	4.0	1.3	4		10/06/22 22:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	4.0	1.4	4		10/06/22 22:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	4.0	1.5	4		10/06/22 22:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	4.0	1.3	4		10/06/22 22:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	4.0	1.4	4		10/06/22 22:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	4.0	1.5	4		10/06/22 22:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	4.0	1.6	4		10/06/22 22:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	4.0	1.4	4		10/06/22 22:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	4.0	1.1	4		10/06/22 22:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	4.0	1.6	4		10/06/22 22:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	4.0	1.7	4		10/06/22 22:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	4.0	1.5	4		10/06/22 22:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	4.0	1.5	4		10/06/22 22:02	10061-02-6	
Diisopropyl ether	ND	ug/L	4.0	1.2	4		10/06/22 22:02	108-20-3	
Ethylbenzene	**28.4**	ug/L	4.0	1.2	4		10/06/22 22:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	8.0	6.1	4		10/06/22 22:02	87-68-3	
2-Hexanone	ND	ug/L	20.0	1.9	4		10/06/22 22:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	4.0	1.7	4		10/06/22 22:02	99-87-6	
Methylene Chloride	ND	ug/L	20.0	7.8	4		10/06/22 22:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	20.0	10.8	4		10/06/22 22:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1.7	4		10/06/22 22:02	1634-04-4	
Naphthalene	**763**	ug/L	4.0	2.6	4		10/06/22 22:02	91-20-3	
Styrene	**13.5**	ug/L	4.0	1.2	4		10/06/22 22:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	4.0	1.2	4		10/06/22 22:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	0.90	4		10/06/22 22:02	79-34-5	
Tetrachloroethene	ND	ug/L	4.0	1.2	4		10/06/22 22:02	127-18-4	
Toluene	**70.8**	ug/L	4.0	1.9	4		10/06/22 22:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	4.0	3.2	4		10/06/22 22:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2.6	4		10/06/22 22:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	4.0	1.3	4		10/06/22 22:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	4.0	1.3	4		10/06/22 22:02	79-00-5	
Trichloroethene	ND	ug/L	4.0	1.5	4		10/06/22 22:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	4.0	1.2	4		10/06/22 22:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	4.0	1.0	4		10/06/22 22:02	96-18-4	
Vinyl acetate	ND	ug/L	8.0	5.2	4		10/06/22 22:02	108-05-4	
Vinyl chloride	ND	ug/L	4.0	1.5	4		10/06/22 22:02	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-3BR-20221003 **Lab ID: 92629399003** Collected: 10/03/22 13:55 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**70.4**	ug/L	4.0	1.4	4		10/06/22 22:02	1330-20-7	
m&p-Xylene	**44.8**	ug/L	8.0	2.8	4		10/06/22 22:02	179601-23-1	
o-Xylene	**25.6**	ug/L	4.0	1.4	4		10/06/22 22:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		4		10/06/22 22:02	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		4		10/06/22 22:02	17060-07-0	
Toluene-d8 (S)	101	%	70-130		4		10/06/22 22:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-20-20221003 **Lab ID: 92629399004** Collected: 10/03/22 15:13 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**174**	ug/L	87.0	17.5	10	10/07/22 17:49	10/08/22 16:49	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 12:13	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 12:13	62-53-3	
Anthracene	**6.1J**	ug/L	8.7	2.0	1	10/07/22 17:49	10/08/22 12:13	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 12:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 12:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 12:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 12:13	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/07/22 17:49	10/08/22 12:13	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/07/22 17:49	10/08/22 12:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 12:13	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/07/22 17:49	10/08/22 12:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/07/22 17:49	10/08/22 12:13	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/07/22 17:49	10/08/22 12:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 12:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 12:13	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 12:13	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 12:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 12:13	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 12:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 12:13	53-70-3	
Dibenzofuran	**14.0**	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 12:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/07/22 17:49	10/08/22 12:13	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 12:13	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 12:13	84-66-2	
2,4-Dimethylphenol	**2.3J**	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 12:13	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 12:13	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 12:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/07/22 17:49	10/08/22 12:13	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/07/22 17:49	10/08/22 12:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 12:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 12:13	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/07/22 17:49	10/08/22 12:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/07/22 17:49	10/08/22 12:13	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 12:13	206-44-0	
Fluorene	**46.9**	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 12:13	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 12:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 12:13	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 12:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 12:13	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 12:13	78-59-1	
1-Methylnaphthalene	**395**	ug/L	87.0	17.7	10	10/07/22 17:49	10/08/22 16:49	90-12-0	
2-Methylnaphthalene	**651**	ug/L	87.0	16.3	10	10/07/22 17:49	10/08/22 16:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 12:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/07/22 17:49	10/08/22 12:13	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-20-20221003 **Lab ID: 92629399004** Collected: 10/03/22 15:13 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/07/22 17:49	10/08/22 12:13	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 12:13	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/07/22 17:49	10/08/22 12:13	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 12:13	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 12:13	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/07/22 17:49	10/08/22 12:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 12:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 12:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 12:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 12:13	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 12:13	87-86-5	
Phenanthrene	**44.6**	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 12:13	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 12:13	108-95-2	
Pyrene	**2.2J**	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 12:13	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 12:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/07/22 17:49	10/08/22 12:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	51	%	10-144		1	10/07/22 17:49	10/08/22 12:13	4165-60-0	
2-Fluorobiphenyl (S)	26	%	10-130		1	10/07/22 17:49	10/08/22 12:13	321-60-8	
Terphenyl-d14 (S)	94	%	34-163		1	10/07/22 17:49	10/08/22 12:13	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	10/07/22 17:49	10/08/22 12:13	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	10/07/22 17:49	10/08/22 12:13	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-144		1	10/07/22 17:49	10/08/22 12:13	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/06/22 14:23	10/07/22 14:51	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/06/22 14:23	10/07/22 14:51	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/06/22 14:23	10/07/22 14:51	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/06/22 14:23	10/07/22 14:51	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	625	128	25		10/06/22 23:33	67-64-1	
Benzene	**192**	ug/L	25.0	8.6	25		10/06/22 23:33	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		10/06/22 23:33	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		10/06/22 23:33	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		10/06/22 23:33	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		10/06/22 23:33	75-25-2	
Bromomethane	ND	ug/L	50.0	41.5	25		10/06/22 23:33	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	125	99.0	25		10/06/22 23:33	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		10/06/22 23:33	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		10/06/22 23:33	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		10/06/22 23:33	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 Site
Pace Project No.: 92629399

Sample: MW-20-20221003 **Lab ID: 92629399004** Collected: 10/03/22 15:13 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	25.0	10.8	25		10/06/22 23:33	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		10/06/22 23:33	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		10/06/22 23:33	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		10/06/22 23:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		10/06/22 23:33	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		10/06/22 23:33	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		10/06/22 23:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		10/06/22 23:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		10/06/22 23:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		10/06/22 23:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		10/06/22 23:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		10/06/22 23:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		10/06/22 23:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		10/06/22 23:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		10/06/22 23:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		10/06/22 23:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		10/06/22 23:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		10/06/22 23:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		10/06/22 23:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		10/06/22 23:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		10/06/22 23:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		10/06/22 23:33	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		10/06/22 23:33	108-20-3	
Ethylbenzene	**238**	ug/L	25.0	7.6	25		10/06/22 23:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		10/06/22 23:33	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		10/06/22 23:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		10/06/22 23:33	99-87-6	
Methylene Chloride	ND	ug/L	125	48.8	25		10/06/22 23:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		10/06/22 23:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		10/06/22 23:33	1634-04-4	
Naphthalene	**4640**	ug/L	25.0	16.1	25		10/06/22 23:33	91-20-3	
Styrene	ND	ug/L	25.0	7.3	25		10/06/22 23:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		10/06/22 23:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		10/06/22 23:33	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		10/06/22 23:33	127-18-4	
Toluene	**21.4J**	ug/L	25.0	12.1	25		10/06/22 23:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		10/06/22 23:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		10/06/22 23:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		10/06/22 23:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		10/06/22 23:33	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		10/06/22 23:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		10/06/22 23:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		10/06/22 23:33	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		10/06/22 23:33	108-05-4	
Vinyl chloride	ND	ug/L	25.0	9.6	25		10/06/22 23:33	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-20-20221003 **Lab ID: 92629399004** Collected: 10/03/22 15:13 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**174**	ug/L	25.0	8.4	25		10/06/22 23:33	1330-20-7	
m&p-Xylene	**117**	ug/L	50.0	17.7	25		10/06/22 23:33	179601-23-1	
o-Xylene	**56.7**	ug/L	25.0	8.4	25		10/06/22 23:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		25		10/06/22 23:33	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		25		10/06/22 23:33	17060-07-0	
Toluene-d8 (S)	101	%	70-130		25		10/06/22 23:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-1-20221003 **Lab ID: 92629399005** Collected: 10/03/22 15:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**305**	ug/L	90.9	18.3	10	10/07/22 17:49	10/10/22 10:12	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 12:38	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 12:38	62-53-3	
Anthracene	**15.5**	ug/L	9.1	2.1	1	10/07/22 17:49	10/08/22 12:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 12:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 12:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 12:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 12:38	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 17:49	10/08/22 12:38	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 17:49	10/08/22 12:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 12:38	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 17:49	10/08/22 12:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 17:49	10/08/22 12:38	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 17:49	10/08/22 12:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 12:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 12:38	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 12:38	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 12:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 12:38	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 12:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 12:38	53-70-3	
Dibenzofuran	**32.5**	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 12:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 17:49	10/08/22 12:38	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 12:38	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 12:38	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 12:38	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 12:38	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 12:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 17:49	10/08/22 12:38	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 17:49	10/08/22 12:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 12:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 12:38	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 17:49	10/08/22 12:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 17:49	10/08/22 12:38	117-81-7	
Fluoranthene	**4.2J**	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 12:38	206-44-0	
Fluorene	**90.6**	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 12:38	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 12:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 12:38	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 12:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 12:38	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 12:38	78-59-1	
1-Methylnaphthalene	**722**	ug/L	90.9	18.5	10	10/07/22 17:49	10/10/22 10:12	90-12-0	
2-Methylnaphthalene	**710**	ug/L	90.9	17.0	10	10/07/22 17:49	10/10/22 10:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 12:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 12:38	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-1-20221003 **Lab ID: 92629399005** Collected: 10/03/22 15:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 17:49	10/08/22 12:38	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 12:38	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 17:49	10/08/22 12:38	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 12:38	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 12:38	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 17:49	10/08/22 12:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 12:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 12:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 12:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 17:49	10/08/22 12:38	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 12:38	87-86-5	
Phenanthrene	**93.4**	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 12:38	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 12:38	108-95-2	
Pyrene	**5.7J**	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 12:38	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 12:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 12:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	86	%	10-144		1	10/07/22 17:49	10/08/22 12:38	4165-60-0	
2-Fluorobiphenyl (S)	49	%	10-130		1	10/07/22 17:49	10/08/22 12:38	321-60-8	
Terphenyl-d14 (S)	116	%	34-163		1	10/07/22 17:49	10/08/22 12:38	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	10/07/22 17:49	10/08/22 12:38	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	10/07/22 17:49	10/08/22 12:38	367-12-4	
2,4,6-Tribromophenol (S)	109	%	10-144		1	10/07/22 17:49	10/08/22 12:38	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/06/22 14:23	10/10/22 17:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/06/22 14:23	10/10/22 17:40	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/06/22 14:23	10/10/22 17:40	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/06/22 14:23	10/10/22 17:40	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	312	63.9	12.5		10/06/22 22:38	67-64-1	
Benzene	**15.8**	ug/L	12.5	4.3	12.5		10/06/22 22:38	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		10/06/22 22:38	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		10/06/22 22:38	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		10/06/22 22:38	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		10/06/22 22:38	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		10/06/22 22:38	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		10/06/22 22:38	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		10/06/22 22:38	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		10/06/22 22:38	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		10/06/22 22:38	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-1-20221003 **Lab ID: 92629399005** Collected: 10/03/22 15:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	12.5	5.4	12.5		10/06/22 22:38	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		10/06/22 22:38	74-87-3	
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		10/06/22 22:38	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		10/06/22 22:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		10/06/22 22:38	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		10/06/22 22:38	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		10/06/22 22:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		10/06/22 22:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		10/06/22 22:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		10/06/22 22:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		10/06/22 22:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		10/06/22 22:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		10/06/22 22:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		10/06/22 22:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		10/06/22 22:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		10/06/22 22:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		10/06/22 22:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		10/06/22 22:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		10/06/22 22:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		10/06/22 22:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		10/06/22 22:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		10/06/22 22:38	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		10/06/22 22:38	108-20-3	
Ethylbenzene	**28.5**	ug/L	12.5	3.8	12.5		10/06/22 22:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		10/06/22 22:38	87-68-3	
2-Hexanone	ND	ug/L	62.5	6.0	12.5		10/06/22 22:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		10/06/22 22:38	99-87-6	
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		10/06/22 22:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		10/06/22 22:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		10/06/22 22:38	1634-04-4	
Naphthalene	**1700**	ug/L	12.5	8.1	12.5		10/06/22 22:38	91-20-3	
Styrene	ND	ug/L	12.5	3.6	12.5		10/06/22 22:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		10/06/22 22:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		10/06/22 22:38	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		10/06/22 22:38	127-18-4	
Toluene	**6.6J**	ug/L	12.5	6.1	12.5		10/06/22 22:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		10/06/22 22:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		10/06/22 22:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		10/06/22 22:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		10/06/22 22:38	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		10/06/22 22:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		10/06/22 22:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		10/06/22 22:38	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		10/06/22 22:38	108-05-4	
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		10/06/22 22:38	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-1-20221003 **Lab ID: 92629399005** Collected: 10/03/22 15:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**39.1**	ug/L	12.5	4.2	12.5		10/06/22 22:38	1330-20-7	
m&p-Xylene	**21.3J**	ug/L	25.0	8.9	12.5		10/06/22 22:38	179601-23-1	
o-Xylene	**17.8**	ug/L	12.5	4.2	12.5		10/06/22 22:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		12.5		10/06/22 22:38	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		12.5		10/06/22 22:38	17060-07-0	
Toluene-d8 (S)	100	%	70-130		12.5		10/06/22 22:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-48TZ-20221003 **Lab ID: 92629399006** Collected: 10/03/22 10:25 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:03	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:03	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:03	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/07/22 17:49	10/08/22 13:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 13:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 13:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 13:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 13:03	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 17:49	10/08/22 13:03	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 17:49	10/08/22 13:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 13:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 17:49	10/08/22 13:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 17:49	10/08/22 13:03	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 17:49	10/08/22 13:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:03	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 13:03	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 13:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:03	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 13:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 13:03	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 17:49	10/08/22 13:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:03	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:03	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 17:49	10/08/22 13:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 17:49	10/08/22 13:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 13:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 17:49	10/08/22 13:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 17:49	10/08/22 13:03	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:03	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:03	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 13:03	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 13:03	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:03	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:03	90-12-0	
2-Methylnaphthalene	**1.7J**	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 13:03	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-48TZ-20221003 **Lab ID: 92629399006** Collected: 10/03/22 10:25 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 17:49	10/08/22 13:03	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 13:03	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 17:49	10/08/22 13:03	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:03	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:03	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 17:49	10/08/22 13:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 13:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 13:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 17:49	10/08/22 13:03	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 13:03	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:03	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 13:03	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:03	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 13:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	10-144		1	10/07/22 17:49	10/08/22 13:03	4165-60-0	
2-Fluorobiphenyl (S)	28	%	10-130		1	10/07/22 17:49	10/08/22 13:03	321-60-8	
Terphenyl-d14 (S)	99	%	34-163		1	10/07/22 17:49	10/08/22 13:03	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	10/07/22 17:49	10/08/22 13:03	13127-88-3	
2-Fluorophenol (S)	37	%	10-130		1	10/07/22 17:49	10/08/22 13:03	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-144		1	10/07/22 17:49	10/08/22 13:03	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 10:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	69-194		1	10/06/22 14:23	10/07/22 10:30	4165-60-0	
2-Fluorobiphenyl (S)	92	%	61-194		1	10/06/22 14:23	10/07/22 10:30	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/06/22 14:23	10/07/22 10:30	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 17:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 17:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 17:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 17:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 17:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 17:48	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 17:48	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 17:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 17:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 17:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 17:48	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 Site
Pace Project No.: 92629399

Sample: MW-48TZ-20221003 **Lab ID: 92629399006** Collected: 10/03/22 10:25 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 17:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 17:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 17:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 17:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 17:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 17:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 17:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 17:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 17:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 17:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 17:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 17:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 17:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 17:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 17:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 17:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 17:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 17:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 17:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 17:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 17:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 17:48	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 17:48	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 17:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 17:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 17:48	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 17:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 17:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 17:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 17:48	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/06/22 17:48	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 17:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 17:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 17:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 17:48	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 17:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 17:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 17:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 17:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 17:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 17:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 17:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 17:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 17:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 17:48	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 Site
Pace Project No.: 92629399

Sample: MW-48TZ-20221003 **Lab ID: 92629399006** Collected: 10/03/22 10:25 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 17:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 17:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 17:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/06/22 17:48	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/06/22 17:48	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/06/22 17:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-48S-20221003 **Lab ID: 92629399007** Collected: 10/03/22 10:40 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:28	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:28	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:28	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/07/22 17:49	10/08/22 13:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 13:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 13:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 13:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 13:28	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 17:49	10/08/22 13:28	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 17:49	10/08/22 13:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 13:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 17:49	10/08/22 13:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 17:49	10/08/22 13:28	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 17:49	10/08/22 13:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 13:28	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 13:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:28	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 13:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 13:28	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 17:49	10/08/22 13:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:28	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:28	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 17:49	10/08/22 13:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 17:49	10/08/22 13:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 13:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 17:49	10/08/22 13:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 17:49	10/08/22 13:28	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:28	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 13:28	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 13:28	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 13:28	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 13:28	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:28	90-12-0	
2-Methylnaphthalene	**2.0J**	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 13:28	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-48S-20221003 **Lab ID: 92629399007** Collected: 10/03/22 10:40 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 17:49	10/08/22 13:28	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 13:28	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 17:49	10/08/22 13:28	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:28	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:28	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 17:49	10/08/22 13:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 13:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 13:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 13:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 17:49	10/08/22 13:28	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 13:28	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 13:28	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 13:28	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 13:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 13:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 13:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	10-144		1	10/07/22 17:49	10/08/22 13:28	4165-60-0	
2-Fluorobiphenyl (S)	42	%	10-130		1	10/07/22 17:49	10/08/22 13:28	321-60-8	
Terphenyl-d14 (S)	117	%	34-163		1	10/07/22 17:49	10/08/22 13:28	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	10/07/22 17:49	10/08/22 13:28	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	10/07/22 17:49	10/08/22 13:28	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-144		1	10/07/22 17:49	10/08/22 13:28	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 10:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	110	%	69-194		1	10/06/22 14:23	10/07/22 10:52	4165-60-0	
2-Fluorobiphenyl (S)	91	%	61-194		1	10/06/22 14:23	10/07/22 10:52	321-60-8	
Terphenyl-d14 (S)	78	%	69-180		1	10/06/22 14:23	10/07/22 10:52	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 18:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 18:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 18:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 18:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 18:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 18:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 18:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 18:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 18:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 18:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 18:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-48S-20221003 **Lab ID: 92629399007** Collected: 10/03/22 10:40 Received: 10/04/22 14:15 Matrix: Water

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

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-48S-20221003 **Lab ID: 92629399007** Collected: 10/03/22 10:40 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 18:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 18:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 18:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/06/22 18:06	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/06/22 18:06	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/06/22 18:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-33S-20221003 **Lab ID: 92629399008** Collected: 10/03/22 12:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 13:53	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 13:53	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 13:53	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/07/22 17:49	10/08/22 13:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 13:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 13:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 13:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 13:53	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/07/22 17:49	10/08/22 13:53	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/07/22 17:49	10/08/22 13:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 13:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/07/22 17:49	10/08/22 13:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/07/22 17:49	10/08/22 13:53	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/07/22 17:49	10/08/22 13:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 13:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 13:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 13:53	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 13:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 13:53	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 13:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 13:53	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 13:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/07/22 17:49	10/08/22 13:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 13:53	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 13:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 13:53	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 13:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 13:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/07/22 17:49	10/08/22 13:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/07/22 17:49	10/08/22 13:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 13:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 13:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/07/22 17:49	10/08/22 13:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/07/22 17:49	10/08/22 13:53	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 13:53	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 13:53	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 13:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 13:53	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 13:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 13:53	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 13:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 13:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 13:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 13:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/07/22 17:49	10/08/22 13:53	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 Site
Pace Project No.: 92629399

Sample: MW-33S-20221003 **Lab ID: 92629399008** Collected: 10/03/22 12:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/07/22 17:49	10/08/22 13:53	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 13:53	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/07/22 17:49	10/08/22 13:53	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 13:53	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 13:53	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/07/22 17:49	10/08/22 13:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 13:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 13:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 13:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 13:53	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 13:53	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 13:53	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 13:53	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 13:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 13:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/07/22 17:49	10/08/22 13:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	73	%	10-144		1	10/07/22 17:49	10/08/22 13:53	4165-60-0	
2-Fluorobiphenyl (S)	43	%	10-130		1	10/07/22 17:49	10/08/22 13:53	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	10/07/22 17:49	10/08/22 13:53	1718-51-0	
Phenol-d6 (S)	43	%	10-130		1	10/07/22 17:49	10/08/22 13:53	13127-88-3	
2-Fluorophenol (S)	55	%	10-130		1	10/07/22 17:49	10/08/22 13:53	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	10/07/22 17:49	10/08/22 13:53	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 11:14	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	69-194		1	10/06/22 14:23	10/07/22 11:14	4165-60-0	
2-Fluorobiphenyl (S)	92	%	61-194		1	10/06/22 14:23	10/07/22 11:14	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/06/22 14:23	10/07/22 11:14	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 18:24	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 18:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 18:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 18:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 18:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 18:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 18:24	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 18:24	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 18:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 18:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 18:24	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-33S-20221003 **Lab ID: 92629399008** Collected: 10/03/22 12:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 18:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 18:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 18:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 18:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 18:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 18:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 18:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 18:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 18:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 18:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 18:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 18:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 18:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 18:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 18:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 18:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 18:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 18:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 18:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 18:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 18:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 18:24	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 18:24	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 18:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 18:24	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 18:24	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 18:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 18:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 18:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 18:24	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/06/22 18:24	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 18:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 18:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 18:24	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 18:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 18:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 18:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 18:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 18:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 18:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 18:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 18:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 18:24	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-33S-20221003 **Lab ID: 92629399008** Collected: 10/03/22 12:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 18:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 18:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 18:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/06/22 18:24	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/06/22 18:24	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/06/22 18:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-33TZ-20221003 **Lab ID: 92629399009** Collected: 10/03/22 12:30 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/07/22 17:49	10/08/22 14:18	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/07/22 17:49	10/08/22 14:18	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/07/22 17:49	10/08/22 14:18	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/07/22 17:49	10/08/22 14:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/07/22 17:49	10/08/22 14:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/07/22 17:49	10/08/22 14:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/07/22 17:49	10/08/22 14:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/07/22 17:49	10/08/22 14:18	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/07/22 17:49	10/08/22 14:18	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/07/22 17:49	10/08/22 14:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/07/22 17:49	10/08/22 14:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/07/22 17:49	10/08/22 14:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/07/22 17:49	10/08/22 14:18	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/07/22 17:49	10/08/22 14:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/07/22 17:49	10/08/22 14:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/07/22 17:49	10/08/22 14:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/07/22 17:49	10/08/22 14:18	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/07/22 17:49	10/08/22 14:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/07/22 17:49	10/08/22 14:18	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/07/22 17:49	10/08/22 14:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/07/22 17:49	10/08/22 14:18	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/07/22 17:49	10/08/22 14:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/07/22 17:49	10/08/22 14:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/07/22 17:49	10/08/22 14:18	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/07/22 17:49	10/08/22 14:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/07/22 17:49	10/08/22 14:18	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/07/22 17:49	10/08/22 14:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/07/22 17:49	10/08/22 14:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/07/22 17:49	10/08/22 14:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/07/22 17:49	10/08/22 14:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/07/22 17:49	10/08/22 14:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/07/22 17:49	10/08/22 14:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/07/22 17:49	10/08/22 14:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/07/22 17:49	10/08/22 14:18	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/07/22 17:49	10/08/22 14:18	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/07/22 17:49	10/08/22 14:18	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/07/22 17:49	10/08/22 14:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/07/22 17:49	10/08/22 14:18	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/07/22 17:49	10/08/22 14:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/07/22 17:49	10/08/22 14:18	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/07/22 17:49	10/08/22 14:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/07/22 17:49	10/08/22 14:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/07/22 17:49	10/08/22 14:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/07/22 17:49	10/08/22 14:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/07/22 17:49	10/08/22 14:18	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-33TZ-20221003 **Lab ID: 92629399009** Collected: 10/03/22 12:30 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/07/22 17:49	10/08/22 14:18	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/07/22 17:49	10/08/22 14:18	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/07/22 17:49	10/08/22 14:18	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/07/22 17:49	10/08/22 14:18	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/07/22 17:49	10/08/22 14:18	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/07/22 17:49	10/08/22 14:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/07/22 17:49	10/08/22 14:18	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/07/22 17:49	10/08/22 14:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/07/22 17:49	10/08/22 14:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/07/22 17:49	10/08/22 14:18	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/07/22 17:49	10/08/22 14:18	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/07/22 17:49	10/08/22 14:18	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/07/22 17:49	10/08/22 14:18	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/07/22 17:49	10/08/22 14:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/07/22 17:49	10/08/22 14:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/07/22 17:49	10/08/22 14:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-144		1	10/07/22 17:49	10/08/22 14:18	4165-60-0	
2-Fluorobiphenyl (S)	23	%	10-130		1	10/07/22 17:49	10/08/22 14:18	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	10/07/22 17:49	10/08/22 14:18	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	10/07/22 17:49	10/08/22 14:18	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	10/07/22 17:49	10/08/22 14:18	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-144		1	10/07/22 17:49	10/08/22 14:18	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 11:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	69-194		1	10/06/22 14:23	10/07/22 11:35	4165-60-0	
2-Fluorobiphenyl (S)	94	%	61-194		1	10/06/22 14:23	10/07/22 11:35	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/06/22 14:23	10/07/22 11:35	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		10/06/22 18:42	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 18:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 18:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 18:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 18:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 18:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 18:42	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 18:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 18:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 18:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 18:42	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-33TZ-20221003 **Lab ID: 92629399009** Collected: 10/03/22 12:30 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 18:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 18:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 18:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 18:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 18:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 18:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 18:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 18:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 18:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 18:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 18:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 18:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 18:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 18:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 18:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 18:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 18:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 18:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 18:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 18:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 18:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 18:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 18:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 18:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 18:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 18:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 18:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 18:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 18:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 18:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/06/22 18:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 18:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 18:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 18:42	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 18:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 18:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 18:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 18:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 18:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 18:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 18:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 18:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 18:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 18:42	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 Site
Pace Project No.: 92629399

Sample: MW-33TZ-20221003 **Lab ID: 92629399009** Collected: 10/03/22 12:30 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 18:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 18:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 18:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/06/22 18:42	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/06/22 18:42	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/06/22 18:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-32TZ-20221003 (MS/MSD) **Lab ID: 92629399010** Collected: 10/03/22 15:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:47	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:47	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:47	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/07/22 13:01	10/07/22 18:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 13:01	10/07/22 18:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 13:01	10/07/22 18:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 13:01	10/07/22 18:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 13:01	10/07/22 18:47	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 13:01	10/07/22 18:47	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 13:01	10/07/22 18:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 13:01	10/07/22 18:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 13:01	10/07/22 18:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 13:01	10/07/22 18:47	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 13:01	10/07/22 18:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:47	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 13:01	10/07/22 18:47	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 13:01	10/07/22 18:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:47	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 13:01	10/07/22 18:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 13:01	10/07/22 18:47	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 13:01	10/07/22 18:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:47	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:47	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:47	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 13:01	10/07/22 18:47	534-52-1	R1
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 13:01	10/07/22 18:47	51-28-5	R1
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 13:01	10/07/22 18:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 13:01	10/07/22 18:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 13:01	10/07/22 18:47	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:47	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/07/22 13:01	10/07/22 18:47	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 13:01	10/07/22 18:47	77-47-4	R1
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:47	67-72-1	M1
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 13:01	10/07/22 18:47	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 13:01	10/07/22 18:47	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:47	95-48-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-32TZ-20221003 (MS/MSD) **Lab ID: 92629399010** Collected: 10/03/22 15:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/07/22 13:01	10/07/22 18:47	15831-10-4	
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 13:01	10/07/22 18:47	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 13:01	10/07/22 18:47	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 13:01	10/07/22 18:47	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:47	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:47	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 13:01	10/07/22 18:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 13:01	10/07/22 18:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 13:01	10/07/22 18:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 13:01	10/07/22 18:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 13:01	10/07/22 18:47	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 13:01	10/07/22 18:47	87-86-5	R1
Phenanthrene	ND	ug/L	9.1	1.8	1	10/07/22 13:01	10/07/22 18:47	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/07/22 13:01	10/07/22 18:47	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/07/22 13:01	10/07/22 18:47	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 13:01	10/07/22 18:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 13:01	10/07/22 18:47	88-06-2	R1
Surrogates									
Nitrobenzene-d5 (S)	58	%	10-144		1	10/07/22 13:01	10/07/22 18:47	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	10/07/22 13:01	10/07/22 18:47	321-60-8	
Terphenyl-d14 (S)	120	%	34-163		1	10/07/22 13:01	10/07/22 18:47	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	10/07/22 13:01	10/07/22 18:47	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	10/07/22 13:01	10/07/22 18:47	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	10/07/22 13:01	10/07/22 18:47	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 11:57	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	69-194		1	10/06/22 14:23	10/07/22 11:57	4165-60-0	
2-Fluorobiphenyl (S)	94	%	61-194		1	10/06/22 14:23	10/07/22 11:57	321-60-8	
Terphenyl-d14 (S)	87	%	69-180		1	10/06/22 14:23	10/07/22 11:57	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 19:00	67-64-1	v1
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 19:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 19:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 19:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 19:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 19:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 19:00	74-83-9	v2,v3
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 19:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 19:00	56-23-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-32TZ-20221003 (MS/MSD) **Lab ID: 92629399010** Collected: 10/03/22 15:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 19:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 19:00	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 19:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 19:00	74-87-3	M1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 19:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 19:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 19:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 19:00	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 19:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 19:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 19:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 19:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 19:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 19:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 19:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 19:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 19:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 19:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 19:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 19:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 19:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 19:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 19:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 19:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 19:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 19:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 19:00	87-68-3	v3
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 19:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 19:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 19:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 19:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 19:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/06/22 19:00	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 19:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 19:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 19:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 19:00	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 19:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 19:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 19:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 19:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 19:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 19:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 19:00	75-69-4	

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 Site
Pace Project No.: 92629399

Sample: MW-32TZ-20221003 (MS/MSD) **Lab ID: 92629399010** Collected: 10/03/22 15:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 19:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 19:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 19:00	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 19:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 19:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 19:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/06/22 19:00	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/06/22 19:00	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/06/22 19:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-32S-20221003 **Lab ID: 92629399011** Collected: 10/03/22 15:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 14:43	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 14:43	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 14:43	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/07/22 17:49	10/08/22 14:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 14:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 14:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 14:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 14:43	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 17:49	10/08/22 14:43	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 17:49	10/08/22 14:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 14:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 17:49	10/08/22 14:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 17:49	10/08/22 14:43	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 17:49	10/08/22 14:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 14:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 14:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 14:43	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 14:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 14:43	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 14:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 14:43	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 14:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 17:49	10/08/22 14:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 14:43	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 14:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 14:43	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 14:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 14:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 17:49	10/08/22 14:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 17:49	10/08/22 14:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 14:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 14:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 17:49	10/08/22 14:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 17:49	10/08/22 14:43	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 14:43	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 14:43	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 14:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 14:43	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 14:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 14:43	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 14:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 14:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 14:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 14:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 14:43	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 Site
Pace Project No.: 92629399

Sample: MW-32S-20221003 **Lab ID: 92629399011** Collected: 10/03/22 15:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 17:49	10/08/22 14:43	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 14:43	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 17:49	10/08/22 14:43	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 14:43	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 14:43	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 17:49	10/08/22 14:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 14:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 14:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 14:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 17:49	10/08/22 14:43	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 14:43	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 14:43	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 14:43	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 14:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 14:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 14:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	10-144		1	10/07/22 17:49	10/08/22 14:43	4165-60-0	
2-Fluorobiphenyl (S)	26	%	10-130		1	10/07/22 17:49	10/08/22 14:43	321-60-8	
Terphenyl-d14 (S)	115	%	34-163		1	10/07/22 17:49	10/08/22 14:43	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	10/07/22 17:49	10/08/22 14:43	13127-88-3	
2-Fluorophenol (S)	41	%	10-130		1	10/07/22 17:49	10/08/22 14:43	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-144		1	10/07/22 17:49	10/08/22 14:43	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	10/06/22 14:23	10/07/22 13:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/06/22 14:23	10/07/22 13:03	4165-60-0	
2-Fluorobiphenyl (S)	95	%	61-194		1	10/06/22 14:23	10/07/22 13:03	321-60-8	
Terphenyl-d14 (S)	85	%	69-180		1	10/06/22 14:23	10/07/22 13:03	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 19:18	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 19:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 19:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 19:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 19:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 19:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 19:18	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 19:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 19:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 19:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 19:18	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-32S-20221003 **Lab ID: 92629399011** Collected: 10/03/22 15:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 19:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 19:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 19:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 19:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 19:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 19:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 19:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 19:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 19:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 19:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 19:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 19:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 19:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 19:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 19:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 19:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 19:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 19:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 19:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 19:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 19:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 19:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 19:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 19:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 19:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 19:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 19:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 19:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 19:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 19:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/06/22 19:18	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 19:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 19:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 19:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 19:18	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 19:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 19:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 19:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 19:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 19:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 19:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 19:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 19:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 19:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 19:18	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-32S-20221003 **Lab ID: 92629399011** Collected: 10/03/22 15:05 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 19:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 19:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 19:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/06/22 19:18	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/06/22 19:18	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/06/22 19:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: EB-02-20221003 **Lab ID: 92629399012** Collected: 10/03/22 16:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 15:09	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 15:09	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 15:09	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/07/22 17:49	10/08/22 15:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 15:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/07/22 17:49	10/08/22 15:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 15:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 15:09	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/07/22 17:49	10/08/22 15:09	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/07/22 17:49	10/08/22 15:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 15:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/07/22 17:49	10/08/22 15:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/07/22 17:49	10/08/22 15:09	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/07/22 17:49	10/08/22 15:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 15:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 15:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 15:09	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 15:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 15:09	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/07/22 17:49	10/08/22 15:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 15:09	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 15:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/07/22 17:49	10/08/22 15:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 15:09	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 15:09	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 15:09	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 15:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 15:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/07/22 17:49	10/08/22 15:09	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/07/22 17:49	10/08/22 15:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 15:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/07/22 17:49	10/08/22 15:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/07/22 17:49	10/08/22 15:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/07/22 17:49	10/08/22 15:09	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 15:09	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 15:09	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 15:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 15:09	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 15:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/07/22 17:49	10/08/22 15:09	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/07/22 17:49	10/08/22 15:09	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/07/22 17:49	10/08/22 15:09	90-12-0	
2-Methylnaphthalene	**1.7J**	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 15:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 15:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/07/22 17:49	10/08/22 15:09	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: EB-02-20221003 **Lab ID: 92629399012** Collected: 10/03/22 16:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/07/22 17:49	10/08/22 15:09	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 15:09	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/07/22 17:49	10/08/22 15:09	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 15:09	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 15:09	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/07/22 17:49	10/08/22 15:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/07/22 17:49	10/08/22 15:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 15:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/07/22 17:49	10/08/22 15:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/07/22 17:49	10/08/22 15:09	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/07/22 17:49	10/08/22 15:09	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/07/22 17:49	10/08/22 15:09	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 15:09	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/07/22 17:49	10/08/22 15:09	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/07/22 17:49	10/08/22 15:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/07/22 17:49	10/08/22 15:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	10-144		1	10/07/22 17:49	10/08/22 15:09	4165-60-0	
2-Fluorobiphenyl (S)	60	%	10-130		1	10/07/22 17:49	10/08/22 15:09	321-60-8	
Terphenyl-d14 (S)	92	%	34-163		1	10/07/22 17:49	10/08/22 15:09	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	10/07/22 17:49	10/08/22 15:09	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		1	10/07/22 17:49	10/08/22 15:09	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-144		1	10/07/22 17:49	10/08/22 15:09	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 13:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/06/22 14:23	10/07/22 13:24	4165-60-0	
2-Fluorobiphenyl (S)	89	%	61-194		1	10/06/22 14:23	10/07/22 13:24	321-60-8	
Terphenyl-d14 (S)	76	%	69-180		1	10/06/22 14:23	10/07/22 13:24	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 14:05	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 14:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 14:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 14:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 14:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 14:05	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 14:05	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 14:05	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 14:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 14:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 14:05	75-00-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: EB-02-20221003 **Lab ID: 92629399012** Collected: 10/03/22 16:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 14:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 14:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 14:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 14:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 14:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 14:05	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 14:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 14:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 14:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 14:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 14:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 14:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 14:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 14:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 14:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 14:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 14:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 14:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 14:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 14:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 14:05	10061-01-5	v1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 14:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 14:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 14:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 14:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 14:05	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 14:05	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 14:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 14:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 14:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/06/22 14:05	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 14:05	630-20-6	IK
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 14:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 14:05	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 14:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 14:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 14:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 14:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 14:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 14:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 14:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 14:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 14:05	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 14:05	75-01-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: EB-02-20221003 **Lab ID: 92629399012** Collected: 10/03/22 16:15 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 14:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 14:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 14:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/06/22 14:05	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%	70-130		1		10/06/22 14:05	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		10/06/22 14:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: TB-08-20221003 **Lab ID: 92629399013** Collected: 10/03/22 00:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**85.5**	ug/L	25.0	5.1	1		10/07/22 23:51	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/07/22 23:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/07/22 23:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/07/22 23:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/07/22 23:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/07/22 23:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/07/22 23:51	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/07/22 23:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/07/22 23:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/07/22 23:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/07/22 23:51	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/07/22 23:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/07/22 23:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/07/22 23:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/07/22 23:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/07/22 23:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/07/22 23:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/07/22 23:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/07/22 23:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/07/22 23:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/07/22 23:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/07/22 23:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/07/22 23:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/07/22 23:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/07/22 23:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/07/22 23:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/07/22 23:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/07/22 23:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/07/22 23:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/07/22 23:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/07/22 23:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/07/22 23:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/07/22 23:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/07/22 23:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/07/22 23:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/07/22 23:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/07/22 23:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/07/22 23:51	99-87-6	
Methylene Chloride	**2.0J**	ug/L	5.0	2.0	1		10/07/22 23:51	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/07/22 23:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/07/22 23:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/07/22 23:51	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/07/22 23:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/07/22 23:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/07/22 23:51	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 Site
Pace Project No.: 92629399

Sample: TB-08-20221003 **Lab ID: 92629399013** Collected: 10/03/22 00:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/07/22 23:51	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/07/22 23:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/07/22 23:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/07/22 23:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/07/22 23:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/07/22 23:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/07/22 23:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/07/22 23:51	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/07/22 23:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/07/22 23:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/07/22 23:51	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/07/22 23:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/07/22 23:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/07/22 23:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/07/22 23:51	460-00-4	C0
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/07/22 23:51	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/07/22 23:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: TB-09-20221003 **Lab ID: 92629399014** Collected: 10/03/22 00:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**47.2**	ug/L	25.0	5.1	1		10/08/22 00:10	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/08/22 00:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/08/22 00:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/08/22 00:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/08/22 00:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/08/22 00:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/08/22 00:10	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/08/22 00:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/08/22 00:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/08/22 00:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/08/22 00:10	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/08/22 00:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/08/22 00:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 00:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 00:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/08/22 00:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/08/22 00:10	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/08/22 00:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 00:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 00:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/08/22 00:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/08/22 00:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/08/22 00:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 00:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/08/22 00:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 00:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/08/22 00:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/08/22 00:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/08/22 00:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/08/22 00:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/08/22 00:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 00:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 00:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/08/22 00:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/08/22 00:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/08/22 00:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/08/22 00:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/08/22 00:10	99-87-6	
Methylene Chloride	**4.3J**	ug/L	5.0	2.0	1		10/08/22 00:10	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/08/22 00:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/08/22 00:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/08/22 00:10	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/08/22 00:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/08/22 00:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/22 00:10	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 Site
Pace Project No.: 92629399

Sample: TB-09-20221003 **Lab ID: 92629399014** Collected: 10/03/22 00:00 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/08/22 00:10	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/08/22 00:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/08/22 00:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/08/22 00:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/08/22 00:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 00:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 00:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/08/22 00:10	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/08/22 00:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/08/22 00:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/08/22 00:10	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/08/22 00:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/08/22 00:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/08/22 00:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/08/22 00:10	460-00-4	C0
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/08/22 00:10	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/22 00:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-46BR-20221003 **Lab ID: 92629399015** Collected: 10/03/22 09:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**1370**	ug/L	10.0	2.91	1	10/12/22 12:16	10/12/22 12:16	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:16	10/12/22 12:16	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:16	10/12/22 12:16	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**66.2**	ug/L	50.0	41.5	1	10/06/22 11:44	10/07/22 13:52	7439-89-6	
Manganese	**5.5**	ug/L	5.0	3.4	1	10/06/22 11:44	10/07/22 13:52	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 12:59	7439-89-6	P4
Manganese, Dissolved	**3.7J**	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 12:59	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 15:34	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 15:34	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 15:34	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/07/22 17:49	10/08/22 15:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/07/22 17:49	10/08/22 15:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/07/22 17:49	10/08/22 15:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/07/22 17:49	10/08/22 15:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/07/22 17:49	10/08/22 15:34	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/07/22 17:49	10/08/22 15:34	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/07/22 17:49	10/08/22 15:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/07/22 17:49	10/08/22 15:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/07/22 17:49	10/08/22 15:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/07/22 17:49	10/08/22 15:34	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/07/22 17:49	10/08/22 15:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/07/22 17:49	10/08/22 15:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 15:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 15:34	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 15:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 15:34	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/07/22 17:49	10/08/22 15:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/07/22 17:49	10/08/22 15:34	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 15:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/07/22 17:49	10/08/22 15:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 15:34	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 15:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 15:34	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 15:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 15:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/07/22 17:49	10/08/22 15:34	534-52-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-46BR-20221003 **Lab ID: 92629399015** Collected: 10/03/22 09:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/07/22 17:49	10/08/22 15:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 15:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 15:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/07/22 17:49	10/08/22 15:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/07/22 17:49	10/08/22 15:34	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 15:34	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 15:34	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 15:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 15:34	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 15:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/07/22 17:49	10/08/22 15:34	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 15:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 15:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 15:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 15:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 15:34	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/07/22 17:49	10/08/22 15:34	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/07/22 17:49	10/08/22 15:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/07/22 17:49	10/08/22 15:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 15:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 15:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/07/22 17:49	10/08/22 15:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 15:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/07/22 17:49	10/08/22 15:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/07/22 17:49	10/08/22 15:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 15:34	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/07/22 17:49	10/08/22 15:34	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 15:34	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 15:34	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 15:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 15:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 15:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	10-144		1	10/07/22 17:49	10/08/22 15:34	4165-60-0	
2-Fluorobiphenyl (S)	17	%	10-130		1	10/07/22 17:49	10/08/22 15:34	321-60-8	
Terphenyl-d14 (S)	111	%	34-163		1	10/07/22 17:49	10/08/22 15:34	1718-51-0	
Phenol-d6 (S)	28	%	10-130		1	10/07/22 17:49	10/08/22 15:34	13127-88-3	
2-Fluorophenol (S)	33	%	10-130		1	10/07/22 17:49	10/08/22 15:34	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-144		1	10/07/22 17:49	10/08/22 15:34	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/06/22 14:23	10/07/22 13:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	69-194		1	10/06/22 14:23	10/07/22 13:46	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-46BR-20221003 **Lab ID: 92629399015** Collected: 10/03/22 09:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	100	%	61-194		1	10/06/22 14:23	10/07/22 13:46	321-60-8	
Terphenyl-d14 (S)	81	%	69-180		1	10/06/22 14:23	10/07/22 13:46	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/06/22 16:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/06/22 16:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/06/22 16:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/06/22 16:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/06/22 16:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/06/22 16:25	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		10/06/22 16:25	74-83-9	v2,v3
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/06/22 16:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/06/22 16:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/06/22 16:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/06/22 16:25	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/06/22 16:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/06/22 16:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 16:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/06/22 16:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/06/22 16:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/06/22 16:25	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		10/06/22 16:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 16:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/06/22 16:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/06/22 16:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/06/22 16:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/06/22 16:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 16:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/06/22 16:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 16:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/06/22 16:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/06/22 16:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/06/22 16:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/06/22 16:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/06/22 16:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 16:25	10061-01-5	v1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/06/22 16:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/06/22 16:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/06/22 16:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/06/22 16:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/06/22 16:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/06/22 16:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/06/22 16:25	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-46BR-20221003 **Lab ID: 92629399015** Collected: 10/03/22 09:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/06/22 16:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/06/22 16:25	1634-04-4	
Naphthalene	**3.4**	ug/L	1.0	0.64	1		10/06/22 16:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/06/22 16:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/06/22 16:25	630-20-6	IK
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/06/22 16:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/06/22 16:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/06/22 16:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/06/22 16:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/06/22 16:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/06/22 16:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/06/22 16:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/06/22 16:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/06/22 16:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/06/22 16:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/06/22 16:25	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/06/22 16:25	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/06/22 16:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/06/22 16:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/06/22 16:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		10/06/22 16:25	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		10/06/22 16:25	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		10/06/22 16:25	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**145**	mg/L	5.0	5.0	1		10/06/22 14:36		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.73**	mg/L	0.25	0.055	2.5		10/08/22 05:41	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**1.3**	mg/L	1.0	0.50	1		10/06/22 19:58	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.060J**	mg/L	0.10	0.031	1		10/07/22 10:49	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/07/22 07:26		M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-46BR-20221003 **Lab ID: 92629399015** Collected: 10/03/22 09:54 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.0J**	mg/L	1.0	0.50	1		10/06/22 16:02	7440-44-0	
Total Organic Carbon	**0.97J**	mg/L	1.0	0.50	1		10/06/22 16:02	7440-44-0	
Total Organic Carbon	**0.94J**	mg/L	1.0	0.50	1		10/06/22 16:02	7440-44-0	
Total Organic Carbon	**1.0J**	mg/L	1.0	0.50	1		10/06/22 16:02	7440-44-0	
Mean Total Organic Carbon	**0.98J**	mg/L	1.0	0.50	1		10/06/22 16:02	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**127**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-47BR-20221003 **Lab ID: 92629399016** Collected: 10/03/22 10:10 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**1050**	ug/L	10.0	2.91	1	10/12/22 12:22	10/12/22 12:22	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:22	10/12/22 12:22	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:22	10/12/22 12:22	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	10/06/22 11:44	10/07/22 14:02	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	10/06/22 11:44	10/07/22 14:02	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 13:03	7439-89-6	P4
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 13:03	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**7.2J**	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 15:59	83-32-9	
Acenaphthylene	**89.3**	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 15:59	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 15:59	62-53-3	
Anthracene	**2.2J**	ug/L	9.1	2.1	1	10/07/22 17:49	10/08/22 15:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 15:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/07/22 17:49	10/08/22 15:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 15:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 15:59	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/07/22 17:49	10/08/22 15:59	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/07/22 17:49	10/08/22 15:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 15:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/07/22 17:49	10/08/22 15:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/07/22 17:49	10/08/22 15:59	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/07/22 17:49	10/08/22 15:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 15:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 15:59	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 15:59	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 15:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 15:59	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/07/22 17:49	10/08/22 15:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 15:59	53-70-3	
Dibenzofuran	**4.9J**	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 15:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/07/22 17:49	10/08/22 15:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 15:59	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 15:59	84-66-2	
2,4-Dimethylphenol	**17.9**	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 15:59	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 15:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 15:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/07/22 17:49	10/08/22 15:59	534-52-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-47BR-20221003 **Lab ID: 92629399016** Collected: 10/03/22 10:10 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/07/22 17:49	10/08/22 15:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 15:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/07/22 17:49	10/08/22 15:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/07/22 17:49	10/08/22 15:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/07/22 17:49	10/08/22 15:59	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 15:59	206-44-0	
Fluorene	**15.8**	ug/L	9.1	1.9	1	10/07/22 17:49	10/08/22 15:59	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 15:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 15:59	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 15:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/07/22 17:49	10/08/22 15:59	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/07/22 17:49	10/08/22 15:59	78-59-1	
1-Methylnaphthalene	**141**	ug/L	18.2	3.7	2	10/07/22 17:49	10/08/22 17:40	90-12-0	
2-Methylnaphthalene	**237**	ug/L	18.2	3.4	2	10/07/22 17:49	10/08/22 17:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 15:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	**3.9J**	ug/L	9.1	1.1	1	10/07/22 17:49	10/08/22 15:59	15831-10-4	
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/07/22 17:49	10/08/22 15:59	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 15:59	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/07/22 17:49	10/08/22 15:59	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 15:59	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 15:59	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/07/22 17:49	10/08/22 15:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/07/22 17:49	10/08/22 15:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 15:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/07/22 17:49	10/08/22 15:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/07/22 17:49	10/08/22 15:59	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/07/22 17:49	10/08/22 15:59	87-86-5	
Phenanthrene	**15.0**	ug/L	9.1	1.8	1	10/07/22 17:49	10/08/22 15:59	85-01-8	
Phenol	**2.0J**	ug/L	9.1	1.2	1	10/07/22 17:49	10/08/22 15:59	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/07/22 17:49	10/08/22 15:59	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/07/22 17:49	10/08/22 15:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/07/22 17:49	10/08/22 15:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	45	%	10-144		1	10/07/22 17:49	10/08/22 15:59	4165-60-0	
2-Fluorobiphenyl (S)	17	%	10-130		1	10/07/22 17:49	10/08/22 15:59	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	10/07/22 17:49	10/08/22 15:59	1718-51-0	
Phenol-d6 (S)	28	%	10-130		1	10/07/22 17:49	10/08/22 15:59	13127-88-3	
2-Fluorophenol (S)	39	%	10-130		1	10/07/22 17:49	10/08/22 15:59	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/07/22 17:49	10/08/22 15:59	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/06/22 14:23	10/10/22 18:02	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/06/22 14:23	10/10/22 18:02	4165-60-0	D3,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 Site
Pace Project No.: 92629399

Sample: MW-47BR-20221003 **Lab ID: 92629399016** Collected: 10/03/22 10:10 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	0	%	61-194		10	10/06/22 14:23	10/10/22 18:02	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/06/22 14:23	10/10/22 18:02	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**343J**	ug/L	625	128	25		10/08/22 06:02	67-64-1	
Benzene	**167**	ug/L	25.0	8.6	25		10/08/22 06:02	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		10/08/22 06:02	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		10/08/22 06:02	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		10/08/22 06:02	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		10/08/22 06:02	75-25-2	
Bromomethane	ND	ug/L	50.0	41.5	25		10/08/22 06:02	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	125	99.0	25		10/08/22 06:02	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		10/08/22 06:02	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		10/08/22 06:02	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		10/08/22 06:02	75-00-3	
Chloroform	ND	ug/L	25.0	10.8	25		10/08/22 06:02	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		10/08/22 06:02	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		10/08/22 06:02	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		10/08/22 06:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		10/08/22 06:02	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		10/08/22 06:02	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		10/08/22 06:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		10/08/22 06:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		10/08/22 06:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		10/08/22 06:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		10/08/22 06:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		10/08/22 06:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		10/08/22 06:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		10/08/22 06:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		10/08/22 06:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		10/08/22 06:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		10/08/22 06:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		10/08/22 06:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		10/08/22 06:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		10/08/22 06:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		10/08/22 06:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		10/08/22 06:02	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		10/08/22 06:02	108-20-3	
Ethylbenzene	**215**	ug/L	25.0	7.6	25		10/08/22 06:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		10/08/22 06:02	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		10/08/22 06:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		10/08/22 06:02	99-87-6	
Methylene Chloride	ND	ug/L	125	48.8	25		10/08/22 06:02	75-09-2	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-47BR-20221003 **Lab ID: 92629399016** Collected: 10/03/22 10:10 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		10/08/22 06:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		10/08/22 06:02	1634-04-4	
Naphthalene	**2620**	ug/L	25.0	16.1	25		10/08/22 06:02	91-20-3	
Styrene	**75.9**	ug/L	25.0	7.3	25		10/08/22 06:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		10/08/22 06:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		10/08/22 06:02	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		10/08/22 06:02	127-18-4	
Toluene	**992**	ug/L	25.0	12.1	25		10/08/22 06:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		10/08/22 06:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		10/08/22 06:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		10/08/22 06:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		10/08/22 06:02	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		10/08/22 06:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		10/08/22 06:02	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		10/08/22 06:02	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		10/08/22 06:02	108-05-4	
Vinyl chloride	ND	ug/L	25.0	9.6	25		10/08/22 06:02	75-01-4	
Xylene (Total)	**1040**	ug/L	25.0	8.4	25		10/08/22 06:02	1330-20-7	
m&p-Xylene	**688**	ug/L	50.0	17.7	25		10/08/22 06:02	179601-23-1	
o-Xylene	**353**	ug/L	25.0	8.4	25		10/08/22 06:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		25		10/08/22 06:02	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		25		10/08/22 06:02	17060-07-0	
Toluene-d8 (S)	98	%	70-130		25		10/08/22 06:02	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**878**	mg/L	5.0	5.0	1		10/06/22 15:25		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.029J**	mg/L	0.10	0.022	1		10/08/22 05:42	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**15.8**	mg/L	1.0	0.50	1		10/06/22 20:13	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**1.1**	mg/L	0.10	0.031	1		10/07/22 10:53	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/07/22 07:29		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-47BR-20221003 **Lab ID: 92629399016** Collected: 10/03/22 10:10 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**17.5**	mg/L	1.0	0.50	1		10/06/22 17:00	7440-44-0	
Total Organic Carbon	**17.4**	mg/L	1.0	0.50	1		10/06/22 17:00	7440-44-0	
Total Organic Carbon	**17.4**	mg/L	1.0	0.50	1		10/06/22 17:00	7440-44-0	
Total Organic Carbon	**17.8**	mg/L	1.0	0.50	1		10/06/22 17:00	7440-44-0	
Mean Total Organic Carbon	**17.6**	mg/L	1.0	0.50	1		10/06/22 17:00	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**116**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-45BR-20221003 **Lab ID: 92629399017** Collected: 10/03/22 11:47 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**532**	ug/L	10.0	2.91	1	10/12/22 12:24	10/12/22 12:24	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:24	10/12/22 12:24	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:24	10/12/22 12:24	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	10/06/22 11:44	10/07/22 14:06	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	10/06/22 11:44	10/07/22 14:06	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/07/22 12:06	10/08/22 13:06	7439-89-6	P4
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	10/07/22 12:06	10/08/22 13:06	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**2.9J**	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 16:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 16:24	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 16:24	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/07/22 17:49	10/08/22 16:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/07/22 17:49	10/08/22 16:24	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/07/22 17:49	10/08/22 16:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/07/22 17:49	10/08/22 16:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/07/22 17:49	10/08/22 16:24	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/07/22 17:49	10/08/22 16:24	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/07/22 17:49	10/08/22 16:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/07/22 17:49	10/08/22 16:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/07/22 17:49	10/08/22 16:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/07/22 17:49	10/08/22 16:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/07/22 17:49	10/08/22 16:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/07/22 17:49	10/08/22 16:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 16:24	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 16:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 16:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 16:24	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/07/22 17:49	10/08/22 16:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/07/22 17:49	10/08/22 16:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 16:24	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/07/22 17:49	10/08/22 16:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 16:24	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 16:24	84-66-2	
2,4-Dimethylphenol	**42.8**	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 16:24	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 16:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 16:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/07/22 17:49	10/08/22 16:24	534-52-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-45BR-20221003 **Lab ID: 92629399017** Collected: 10/03/22 11:47 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/07/22 17:49	10/08/22 16:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 16:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 16:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/07/22 17:49	10/08/22 16:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/07/22 17:49	10/08/22 16:24	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 16:24	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/07/22 17:49	10/08/22 16:24	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 16:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 16:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 16:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/07/22 17:49	10/08/22 16:24	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/07/22 17:49	10/08/22 16:24	78-59-1	
1-Methylnaphthalene	**7.8J**	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 16:24	90-12-0	
2-Methylnaphthalene	**9.9J**	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 16:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 16:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 16:24	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/07/22 17:49	10/08/22 16:24	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/07/22 17:49	10/08/22 16:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/07/22 17:49	10/08/22 16:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 16:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 16:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/07/22 17:49	10/08/22 16:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/07/22 17:49	10/08/22 16:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/07/22 17:49	10/08/22 16:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/07/22 17:49	10/08/22 16:24	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/07/22 17:49	10/08/22 16:24	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/07/22 17:49	10/08/22 16:24	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/07/22 17:49	10/08/22 16:24	85-01-8	
Phenol	**6.3J**	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 16:24	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/07/22 17:49	10/08/22 16:24	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/07/22 17:49	10/08/22 16:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/07/22 17:49	10/08/22 16:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	24	%	10-144		1	10/07/22 17:49	10/08/22 16:24	4165-60-0	
2-Fluorobiphenyl (S)	18	%	10-130		1	10/07/22 17:49	10/08/22 16:24	321-60-8	
Terphenyl-d14 (S)	101	%	34-163		1	10/07/22 17:49	10/08/22 16:24	1718-51-0	
Phenol-d6 (S)	25	%	10-130		1	10/07/22 17:49	10/08/22 16:24	13127-88-3	
2-Fluorophenol (S)	24	%	10-130		1	10/07/22 17:49	10/08/22 16:24	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-144		1	10/07/22 17:49	10/08/22 16:24	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/06/22 14:23	10/07/22 15:57	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/06/22 14:23	10/07/22 15:57	4165-60-0	D3,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 Site
Pace Project No.: 92629399

Sample: MW-45BR-20221003 **Lab ID: 92629399017** Collected: 10/03/22 11:47 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	0	%	61-194		10	10/06/22 14:23	10/07/22 15:57	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/06/22 14:23	10/07/22 15:57	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**156**	ug/L	50.0	10.2	2		10/06/22 16:42	67-64-1	
Benzene	**74.3**	ug/L	2.0	0.69	2		10/06/22 16:42	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		10/06/22 16:42	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		10/06/22 16:42	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		10/06/22 16:42	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		10/06/22 16:42	75-25-2	IK
Bromomethane	ND	ug/L	4.0	3.3	2		10/06/22 16:42	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		10/06/22 16:42	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		10/06/22 16:42	56-23-5	
Chlorobenzene	**0.70J**	ug/L	2.0	0.57	2		10/06/22 16:42	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		10/06/22 16:42	75-00-3	
Chloroform	ND	ug/L	2.0	0.86	2		10/06/22 16:42	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		10/06/22 16:42	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	0.64	2		10/06/22 16:42	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	0.65	2		10/06/22 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2		10/06/22 16:42	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	0.72	2		10/06/22 16:42	124-48-1	IK
Dibromomethane	ND	ug/L	2.0	0.79	2		10/06/22 16:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2		10/06/22 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2		10/06/22 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2		10/06/22 16:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2		10/06/22 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2		10/06/22 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2		10/06/22 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2		10/06/22 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2		10/06/22 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2		10/06/22 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2		10/06/22 16:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2		10/06/22 16:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2		10/06/22 16:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2		10/06/22 16:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		10/06/22 16:42	10061-01-5	v1
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		10/06/22 16:42	10061-02-6	
Diisopropyl ether	ND	ug/L	2.0	0.62	2		10/06/22 16:42	108-20-3	
Ethylbenzene	**15.6**	ug/L	2.0	0.61	2		10/06/22 16:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		10/06/22 16:42	87-68-3	
2-Hexanone	ND	ug/L	10.0	0.95	2		10/06/22 16:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2		10/06/22 16:42	99-87-6	
Methylene Chloride	ND	ug/L	10.0	3.9	2		10/06/22 16:42	75-09-2	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-45BR-20221003 **Lab ID: 92629399017** Collected: 10/03/22 11:47 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2		10/06/22 16:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2		10/06/22 16:42	1634-04-4	
Naphthalene	**215**	ug/L	2.0	1.3	2		10/06/22 16:42	91-20-3	
Styrene	**3.3**	ug/L	2.0	0.58	2		10/06/22 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2		10/06/22 16:42	630-20-6	IK
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2		10/06/22 16:42	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	0.58	2		10/06/22 16:42	127-18-4	
Toluene	**25.2**	ug/L	2.0	0.97	2		10/06/22 16:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2		10/06/22 16:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2		10/06/22 16:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2		10/06/22 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2		10/06/22 16:42	79-00-5	
Trichloroethene	ND	ug/L	2.0	0.77	2		10/06/22 16:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		10/06/22 16:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2		10/06/22 16:42	96-18-4	
Vinyl acetate	ND	ug/L	4.0	2.6	2		10/06/22 16:42	108-05-4	IK
Vinyl chloride	ND	ug/L	2.0	0.77	2		10/06/22 16:42	75-01-4	
Xylene (Total)	**19.1**	ug/L	2.0	0.68	2		10/06/22 16:42	1330-20-7	
m&p-Xylene	**11.7**	ug/L	4.0	1.4	2		10/06/22 16:42	179601-23-1	
o-Xylene	**7.3**	ug/L	2.0	0.68	2		10/06/22 16:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		2		10/06/22 16:42	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		2		10/06/22 16:42	17060-07-0	
Toluene-d8 (S)	111	%	70-130		2		10/06/22 16:42	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**165**	mg/L	5.0	5.0	1		10/06/22 15:36		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.47**	mg/L	0.10	0.022	1		10/08/22 05:43	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**119**	mg/L	2.0	1.0	2		10/07/22 12:39	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.23**	mg/L	0.10	0.031	1		10/07/22 10:58	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/07/22 07:32		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Sample: MW-45BR-20221003 **Lab ID: 92629399017** Collected: 10/03/22 11:47 Received: 10/04/22 14:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**23.1**	mg/L	1.0	0.50	1		10/06/22 17:19	7440-44-0	
Total Organic Carbon	**22.6**	mg/L	1.0	0.50	1		10/06/22 17:19	7440-44-0	
Total Organic Carbon	**22.8**	mg/L	1.0	0.50	1		10/06/22 17:19	7440-44-0	
Total Organic Carbon	**22.9**	mg/L	1.0	0.50	1		10/06/22 17:19	7440-44-0	
Mean Total Organic Carbon	**22.9**	mg/L	1.0	0.50	1		10/06/22 17:19	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**43.5**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 1941234
QC Batch Method: RSK175
Analysis Method: RSK-175
Analysis Description: VOA (GC) RSK175
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: R3847601-2 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methane	ug/L	ND	10.0	2.91	10/12/22 11:17	
Ethane	ug/L	ND	13.0	4.07	10/12/22 11:17	
Ethene	ug/L	ND	13.0	4.26	10/12/22 11:17	

LABORATORY CONTROL SAMPLE & LCSD: R3847601-1 R3847601-5

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	67.8	64.3	62.4	94.8	92.0	85.0-115	3.00	20	
Ethane	ug/L	129	113	112	87.6	86.8	85.0-115	0.889	20	
Ethene	ug/L	127	115	114	90.6	89.8	85.0-115	0.873	20	

SAMPLE DUPLICATE: R3847601-3

Parameter	Units	L1544011-01 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

SAMPLE DUPLICATE: R3847601-4

Parameter	Units	L1544098-01 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728261
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792456 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	10/07/22 13:31	
Manganese	ug/L	ND	5.0	3.4	10/07/22 13:31	

LABORATORY CONTROL SAMPLE: 3792457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5110	102	80-120	
Manganese	ug/L	500	523	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792458 3792459

Parameter	Units	92628600022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	104	5000	5000	5140	5210	101	102	75-125	1	20	
Manganese	ug/L	352	500	500	851	853	100	100	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728338
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792728 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	10/08/22 12:13	
Manganese, Dissolved	ug/L	ND	5.0	3.4	10/08/22 12:13	

LABORATORY CONTROL SAMPLE: 3792729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4390	88	80-120	
Manganese, Dissolved	ug/L	500	458	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792730 3792731

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	2010	5000	5000	6420	6620	88	92	75-125	3	20	
Manganese, Dissolved	ug/L	324	500	500	770	787	89	92	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728162
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011

METHOD BLANK: 3792117
Matrix: Water
Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/06/22 14:46	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/06/22 14:46	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/06/22 14:46	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/06/22 14:46	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/06/22 14:46	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/06/22 14:46	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/06/22 14:46	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/06/22 14:46	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/06/22 14:46	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/06/22 14:46	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/06/22 14:46	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/06/22 14:46	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/06/22 14:46	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/06/22 14:46	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/06/22 14:46	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/06/22 14:46	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/06/22 14:46	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/06/22 14:46	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/06/22 14:46	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/06/22 14:46	
2-Hexanone	ug/L	ND	5.0	0.48	10/06/22 14:46	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/06/22 14:46	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/06/22 14:46	
Acetone	ug/L	ND	25.0	5.1	10/06/22 14:46	
Benzene	ug/L	ND	1.0	0.34	10/06/22 14:46	
Bromobenzene	ug/L	ND	1.0	0.29	10/06/22 14:46	
Bromochloromethane	ug/L	ND	1.0	0.47	10/06/22 14:46	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/06/22 14:46	
Bromoform	ug/L	ND	1.0	0.34	10/06/22 14:46	
Bromomethane	ug/L	ND	2.0	1.7	10/06/22 14:46	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/06/22 14:46	
Chlorobenzene	ug/L	ND	1.0	0.28	10/06/22 14:46	
Chloroethane	ug/L	ND	1.0	0.65	10/06/22 14:46	
Chloroform	ug/L	ND	1.0	0.43	10/06/22 14:46	
Chloromethane	ug/L	ND	1.0	0.54	10/06/22 14:46	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/06/22 14:46	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/06/22 14:46	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/06/22 14:46	
Dibromomethane	ug/L	ND	1.0	0.39	10/06/22 14:46	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the 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 Site
Pace Project No.: 92629399

METHOD BLANK: 3792117 Matrix: Water
Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/06/22 14:46	
Diisopropyl ether	ug/L	ND	1.0	0.31	10/06/22 14:46	
Ethylbenzene	ug/L	ND	1.0	0.30	10/06/22 14:46	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/06/22 14:46	
m&p-Xylene	ug/L	ND	2.0	0.71	10/06/22 14:46	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/06/22 14:46	
Methylene Chloride	ug/L	ND	5.0	2.0	10/06/22 14:46	
Naphthalene	ug/L	ND	1.0	0.64	10/06/22 14:46	
o-Xylene	ug/L	ND	1.0	0.34	10/06/22 14:46	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/06/22 14:46	
Styrene	ug/L	ND	1.0	0.29	10/06/22 14:46	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/06/22 14:46	
Toluene	ug/L	ND	1.0	0.48	10/06/22 14:46	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/06/22 14:46	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/06/22 14:46	
Trichloroethene	ug/L	ND	1.0	0.38	10/06/22 14:46	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/06/22 14:46	
Vinyl acetate	ug/L	ND	2.0	1.3	10/06/22 14:46	
Vinyl chloride	ug/L	ND	1.0	0.39	10/06/22 14:46	
Xylene (Total)	ug/L	ND	1.0	0.34	10/06/22 14:46	
1,2-Dichloroethane-d4 (S)	%	108	70-130		10/06/22 14:46	
4-Bromofluorobenzene (S)	%	97	70-130		10/06/22 14:46	
Toluene-d8 (S)	%	99	70-130		10/06/22 14:46	

LABORATORY CONTROL SAMPLE: 3792118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.1	96	70-130	
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	70-130	
1,1,2-Trichloroethane	ug/L	50	47.6	95	70-130	
1,1-Dichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethene	ug/L	50	55.1	110	70-130	
1,1-Dichloropropene	ug/L	50	54.7	109	70-130	
1,2,3-Trichlorobenzene	ug/L	50	44.2	88	70-130	
1,2,3-Trichloropropane	ug/L	50	45.9	92	70-130	
1,2,4-Trichlorobenzene	ug/L	50	44.2	88	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	37.5	75	70-130	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dichloroethane	ug/L	50	51.4	103	70-130	
1,2-Dichloropropane	ug/L	50	50.3	101	70-130	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	
1,3-Dichloropropane	ug/L	50	48.7	97	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

LABORATORY CONTROL SAMPLE: 3792118

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	48.9	98	70-130	
2,2-Dichloropropane	ug/L	50	48.8	98	70-130	
2-Butanone (MEK)	ug/L	100	86.9	87	70-130	
2-Chlorotoluene	ug/L	50	49.2	98	70-130	
2-Hexanone	ug/L	100	86.0	86	70-130	
4-Chlorotoluene	ug/L	50	49.8	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	90.5	91	70-130	
Acetone	ug/L	100	90.7	91	70-130	
Benzene	ug/L	50	47.2	94	70-130	
Bromobenzene	ug/L	50	47.5	95	70-130	
Bromochloromethane	ug/L	50	49.7	99	70-130	
Bromodichloromethane	ug/L	50	48.0	96	70-130	
Bromoform	ug/L	50	44.1	88	70-130	
Bromomethane	ug/L	50	41.6	83	70-130	v3
Carbon tetrachloride	ug/L	50	46.4	93	70-130	
Chlorobenzene	ug/L	50	49.9	100	70-130	
Chloroethane	ug/L	50	57.3	115	70-130	
Chloroform	ug/L	50	50.8	102	70-130	
Chloromethane	ug/L	50	57.6	115	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.3	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.2	96	70-130	
Dibromochloromethane	ug/L	50	44.8	90	70-130	
Dibromomethane	ug/L	50	47.0	94	70-130	
Dichlorodifluoromethane	ug/L	50	61.7	123	70-130	
Diisopropyl ether	ug/L	50	51.9	104	70-130	
Ethylbenzene	ug/L	50	50.6	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.7	93	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	49.7	99	70-130	
Methylene Chloride	ug/L	50	49.6	99	70-130	
Naphthalene	ug/L	50	41.3	83	70-130	
o-Xylene	ug/L	50	48.4	97	70-130	
p-Isopropyltoluene	ug/L	50	49.3	99	70-130	
Styrene	ug/L	50	49.1	98	70-130	
Tetrachloroethene	ug/L	50	45.7	91	70-130	
Toluene	ug/L	50	49.8	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.0	96	70-130	
Trichloroethene	ug/L	50	50.7	101	70-130	
Trichlorofluoromethane	ug/L	50	52.3	105	70-130	
Vinyl acetate	ug/L	100	97.4	97	70-130	
Vinyl chloride	ug/L	50	61.3	123	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792119 3792120

Parameter	Units	92629399010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.9	21.1	95	105	73-134	11	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.8	23.6	109	118	82-143	8	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.2	23.4	106	117	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.9	21.4	100	107	70-135	7	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.0	23.4	110	117	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.3	27.4	121	137	70-154	12	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.2	25.1	116	126	70-149	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.1	19.5	90	98	70-135	8	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.8	22.6	104	113	71-137	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.5	19.5	92	97	73-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.9	19.6	90	98	65-134	9	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.8	22.0	104	110	70-133	6	30	
1,2-Dichloroethane	ug/L	ND	20	20	21.3	23.7	106	118	70-137	11	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.1	22.7	106	113	70-140	7	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.0	21.9	105	110	70-135	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.1	22.2	101	111	70-143	10	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.8	22.1	104	110	70-133	6	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.3	22.5	102	112	61-148	10	30	
2-Butanone (MEK)	ug/L	ND	40	40	45.7	50.9	114	127	60-139	11	30	
2-Chlorotoluene	ug/L	ND	20	20	21.2	22.4	106	112	70-144	6	30	
2-Hexanone	ug/L	ND	40	40	43.7	47.9	109	120	65-138	9	30	
4-Chlorotoluene	ug/L	ND	20	20	21.7	22.5	108	112	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	44.2	47.3	110	118	65-135	7	30	
Acetone	ug/L	ND	40	40	48.3	53.5	121	134	60-148	10	30	v1
Benzene	ug/L	ND	20	20	19.5	21.0	97	105	70-151	8	30	
Bromobenzene	ug/L	ND	20	20	20.3	21.2	101	106	70-136	5	30	
Bromochloromethane	ug/L	ND	20	20	20.0	22.1	100	110	70-141	10	30	
Bromodichloromethane	ug/L	ND	20	20	19.3	20.6	97	103	70-138	6	30	
Bromoform	ug/L	ND	20	20	16.9	18.5	84	93	63-130	9	30	
Bromomethane	ug/L	ND	20	20	21.7	22.7	108	113	15-152	4	30	v3
Carbon tetrachloride	ug/L	ND	20	20	19.5	20.4	97	102	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	20.6	22.1	103	110	70-138	7	30	
Chloroethane	ug/L	ND	20	20	27.4	28.9	137	145	52-163	6	30	
Chloroform	ug/L	ND	20	20	21.6	24.2	108	121	70-139	12	30	
Chloromethane	ug/L	ND	20	20	28.1	29.3	140	146	41-139	4	30	M1
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.6	23.9	108	119	70-141	10	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.4	20.5	97	103	70-137	6	30	
Dibromochloromethane	ug/L	ND	20	20	17.1	19.0	85	95	70-134	10	30	
Dibromomethane	ug/L	ND	20	20	19.2	20.6	96	103	70-138	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	27.8	30.0	139	150	47-155	8	30	
Diisopropyl ether	ug/L	ND	20	20	22.0	24.2	110	121	63-144	9	30	
Ethylbenzene	ug/L	ND	20	20	20.8	22.4	104	112	66-153	8	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	20.5	99	102	65-149	3	30	v3
m&p-Xylene	ug/L	ND	40	40	41.0	44.4	103	111	69-152	8	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 Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792119 3792120

Parameter	Units	92629399010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.3	22.6	102	113	54-156	10	30	
Methylene Chloride	ug/L	ND	20	20	21.7	23.8	109	119	42-159	9	30	
Naphthalene	ug/L	ND	20	20	19.5	20.5	95	99	61-148	5	30	
o-Xylene	ug/L	ND	20	20	19.7	21.3	99	107	70-148	8	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.3	22.4	106	112	70-146	5	30	
Styrene	ug/L	ND	20	20	19.6	21.3	98	106	70-135	8	30	
Tetrachloroethene	ug/L	ND	20	20	19.5	20.8	98	104	59-143	6	30	
Toluene	ug/L	ND	20	20	20.7	22.0	103	110	59-148	6	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.7	24.6	114	123	70-146	8	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.9	20.7	95	104	70-135	9	30	
Trichloroethene	ug/L	ND	20	20	21.0	22.2	105	111	70-147	6	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.7	25.2	114	126	70-148	10	30	
Vinyl acetate	ug/L	ND	40	40	43.5	47.7	109	119	49-151	9	30	
Vinyl chloride	ug/L	ND	20	20	28.3	30.5	142	153	70-156	7	30	
Xylene (Total)	ug/L	ND	60	60	60.7	65.7	101	110	63-158	8	30	
1,2-Dichloroethane-d4 (S)	%						100	105	70-130			
4-Bromofluorobenzene (S)	%						96	99	70-130			
Toluene-d8 (S)	%						101	100	70-130			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728330
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629399012, 92629399015, 92629399017

METHOD BLANK: 3792704 Matrix: Water
Associated Lab Samples: 92629399012, 92629399015, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/06/22 13:30	IK
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/06/22 13:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/06/22 13:30	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/06/22 13:30	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/06/22 13:30	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/06/22 13:30	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/06/22 13:30	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/06/22 13:30	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/06/22 13:30	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/06/22 13:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/06/22 13:30	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/06/22 13:30	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/06/22 13:30	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/06/22 13:30	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/06/22 13:30	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/06/22 13:30	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/06/22 13:30	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/06/22 13:30	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/06/22 13:30	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/06/22 13:30	
2-Hexanone	ug/L	ND	5.0	0.48	10/06/22 13:30	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/06/22 13:30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/06/22 13:30	
Acetone	ug/L	ND	25.0	5.1	10/06/22 13:30	
Benzene	ug/L	ND	1.0	0.34	10/06/22 13:30	
Bromobenzene	ug/L	ND	1.0	0.29	10/06/22 13:30	
Bromochloromethane	ug/L	ND	1.0	0.47	10/06/22 13:30	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/06/22 13:30	
Bromoform	ug/L	ND	1.0	0.34	10/06/22 13:30	IK
Bromomethane	ug/L	ND	2.0	1.7	10/06/22 13:30	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/06/22 13:30	
Chlorobenzene	ug/L	ND	1.0	0.28	10/06/22 13:30	
Chloroethane	ug/L	ND	1.0	0.65	10/06/22 13:30	
Chloroform	ug/L	ND	1.0	0.43	10/06/22 13:30	
Chloromethane	ug/L	ND	1.0	0.54	10/06/22 13:30	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/06/22 13:30	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/06/22 13:30	v1
Dibromochloromethane	ug/L	ND	1.0	0.36	10/06/22 13:30	IK
Dibromomethane	ug/L	ND	1.0	0.39	10/06/22 13:30	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/06/22 13:30	

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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 Site
Pace Project No.: 92629399

METHOD BLANK: 3792704 Matrix: Water
Associated Lab Samples: 92629399012, 92629399015, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/06/22 13:30	
Ethylbenzene	ug/L	ND	1.0	0.30	10/06/22 13:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/06/22 13:30	
m&p-Xylene	ug/L	ND	2.0	0.71	10/06/22 13:30	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/06/22 13:30	
Methylene Chloride	ug/L	ND	5.0	2.0	10/06/22 13:30	
Naphthalene	ug/L	ND	1.0	0.64	10/06/22 13:30	
o-Xylene	ug/L	ND	1.0	0.34	10/06/22 13:30	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/06/22 13:30	
Styrene	ug/L	ND	1.0	0.29	10/06/22 13:30	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/06/22 13:30	
Toluene	ug/L	ND	1.0	0.48	10/06/22 13:30	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/06/22 13:30	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/06/22 13:30	
Trichloroethene	ug/L	ND	1.0	0.38	10/06/22 13:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/06/22 13:30	
Vinyl acetate	ug/L	ND	2.0	1.3	10/06/22 13:30	IK
Vinyl chloride	ug/L	ND	1.0	0.39	10/06/22 13:30	
Xylene (Total)	ug/L	ND	1.0	0.34	10/06/22 13:30	
1,2-Dichloroethane-d4 (S)	%	89	70-130		10/06/22 13:30	
4-Bromofluorobenzene (S)	%	95	70-130		10/06/22 13:30	
Toluene-d8 (S)	%	115	70-130		10/06/22 13:30	

LABORATORY CONTROL SAMPLE: 3792705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	70-130	IK
1,1,1-Trichloroethane	ug/L	50	60.1	120	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.8	104	70-130	
1,1,2-Trichloroethane	ug/L	50	57.2	114	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	55.9	112	70-130	
1,1-Dichloropropene	ug/L	50	56.4	113	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.6	109	70-130	
1,2,3-Trichloropropane	ug/L	50	52.9	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.6	109	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	56.4	113	70-130	
1,2-Dichloropropane	ug/L	50	57.8	116	70-130	
1,3-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,3-Dichloropropane	ug/L	50	55.9	112	70-130	
1,4-Dichlorobenzene	ug/L	50	51.5	103	70-130	
2,2-Dichloropropane	ug/L	50	59.5	119	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 Site
Pace Project No.: 92629399

LABORATORY CONTROL SAMPLE: 3792705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	
2-Chlorotoluene	ug/L	50	52.8	106	70-130	
2-Hexanone	ug/L	100	109	109	70-130	
4-Chlorotoluene	ug/L	50	55.0	110	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	109	109	70-130	
Acetone	ug/L	100	96.8	97	70-130	
Benzene	ug/L	50	54.1	108	70-130	
Bromobenzene	ug/L	50	50.6	101	70-130	
Bromochloromethane	ug/L	50	55.0	110	70-130	
Bromodichloromethane	ug/L	50	57.5	115	70-130	
Bromoform	ug/L	50	47.1	94	70-130	IK
Bromomethane	ug/L	50	50.7	101	70-130	v3
Carbon tetrachloride	ug/L	50	56.8	114	70-130	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	61.7	123	70-130	
Chloroform	ug/L	50	49.9	100	70-130	
Chloromethane	ug/L	50	58.6	117	70-130	
cis-1,2-Dichloroethene	ug/L	50	54.2	108	70-130	
cis-1,3-Dichloropropene	ug/L	50	61.7	123	70-130	v1
Dibromochloromethane	ug/L	50	48.3	97	70-130	IK
Dibromomethane	ug/L	50	51.1	102	70-130	
Dichlorodifluoromethane	ug/L	50	52.2	104	70-130	
Diisopropyl ether	ug/L	50	60.1	120	70-130	
Ethylbenzene	ug/L	50	54.0	108	70-130	
Hexachloro-1,3-butadiene	ug/L	50	53.6	107	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	60.0	120	70-130	
Methylene Chloride	ug/L	50	51.4	103	70-130	
Naphthalene	ug/L	50	56.5	113	70-130	
o-Xylene	ug/L	50	53.1	106	70-130	
p-Isopropyltoluene	ug/L	50	57.9	116	70-130	
Styrene	ug/L	50	56.1	112	70-130	
Tetrachloroethene	ug/L	50	50.8	102	70-130	
Toluene	ug/L	50	49.6	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.6	109	70-130	
trans-1,3-Dichloropropene	ug/L	50	61.3	123	70-130	
Trichloroethene	ug/L	50	60.7	121	70-130	
Trichlorofluoromethane	ug/L	50	51.9	104	70-130	
Vinyl acetate	ug/L	100	99.8	100	70-130	IK
Vinyl chloride	ug/L	50	55.4	111	70-130	
Xylene (Total)	ug/L	150	164	110	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			96	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792706 3792707

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.9	21.6	109	108	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.3	20.5	106	102	82-143	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.6	20.8	108	104	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.5	21.0	108	105	70-135	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.2	18.9	101	94	70-139	7	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.6	20.8	103	104	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.0	22.3	110	111	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.7	23.8	124	119	70-135	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.8	19.8	99	99	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.9	22.4	114	112	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.4	21.2	112	106	65-134	6	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.1	21.3	111	106	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.5	18.3	92	91	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	20.3	20.7	102	103	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.4	20.9	107	105	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.7	20.3	104	102	70-143	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.3	20.7	107	104	70-133	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.9	20.1	110	101	61-148	8	30	
2-Butanone (MEK)	ug/L	ND	40	40	43.0	41.5	107	104	60-139	4	30	
2-Chlorotoluene	ug/L	ND	20	20	21.7	21.1	108	105	70-144	3	30	
2-Hexanone	ug/L	ND	40	40	45.6	43.7	114	109	65-138	4	30	
4-Chlorotoluene	ug/L	ND	20	20	21.7	21.5	109	108	70-137	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	41.9	41.3	105	103	65-135	1	30	
Acetone	ug/L	ND	40	40	42.3	42.0	106	105	60-148	1	30	
Benzene	ug/L	ND	20	20	19.9	19.9	100	100	70-151	0	30	
Bromobenzene	ug/L	ND	20	20	21.5	21.0	108	105	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	21.0	21.7	105	108	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	20.3	20.5	102	103	70-138	1	30	
Bromoform	ug/L	ND	20	20	21.5	20.9	107	105	63-130	3	30	
Bromomethane	ug/L	ND	20	20	18.0	16.9	90	84	15-152	7	30	v3
Carbon tetrachloride	ug/L	ND	20	20	22.9	22.3	115	111	70-143	3	30	
Chlorobenzene	ug/L	ND	20	20	21.8	21.3	109	107	70-138	2	30	
Chloroethane	ug/L	ND	20	20	20.9	21.0	104	105	52-163	1	30	
Chloroform	ug/L	ND	20	20	18.8	19.0	94	95	70-139	1	30	
Chloromethane	ug/L	ND	20	20	20.0	19.2	100	96	41-139	4	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.4	20.1	97	101	70-141	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.3	20.7	102	104	70-137	2	30	
Dibromochloromethane	ug/L	ND	20	20	21.1	21.2	105	106	70-134	0	30	
Dibromomethane	ug/L	ND	20	20	21.7	20.6	109	103	70-138	5	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	22.8	115	114	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	19.7	19.2	98	96	63-144	2	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.0	106	105	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.8	22.7	119	114	65-149	5	30	
m&p-Xylene	ug/L	ND	40	40	42.3	41.8	106	104	69-152	1	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792706 3792707

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.1	100	95	54-156	5	30	
Methylene Chloride	ug/L	ND	20	20	19.2	18.8	96	94	42-159	2	30	
Naphthalene	ug/L	3.4	20	20	28.0	27.9	123	123	61-148	0	30	
o-Xylene	ug/L	ND	20	20	21.5	20.8	107	104	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.8	22.0	114	110	70-146	4	30	
Styrene	ug/L	ND	20	20	21.7	21.2	109	106	70-135	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.9	20.9	105	105	59-143	0	30	
Toluene	ug/L	ND	20	20	20.8	20.2	102	99	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.9	19.7	105	99	70-146	6	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.2	20.6	106	103	70-135	3	30	
Trichloroethene	ug/L	ND	20	20	22.3	21.5	112	107	70-147	4	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.2	19.6	101	98	70-148	3	30	
Vinyl acetate	ug/L	ND	40	40	38.9	39.6	97	99	49-151	2	30	
Vinyl chloride	ug/L	ND	20	20	22.6	22.2	113	111	70-156	2	30	
Xylene (Total)	ug/L	ND	60	60	63.7	62.6	106	104	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						91	97	70-130			
4-Bromofluorobenzene (S)	%						99	98	70-130			
Toluene-d8 (S)	%						98	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 Site
Pace Project No.: 92629399

QC Batch: 728852
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629399013, 92629399014, 92629399016

METHOD BLANK: 3795838 Matrix: Water
Associated Lab Samples: 92629399013, 92629399014, 92629399016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/07/22 23:13	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/07/22 23:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/07/22 23:13	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/07/22 23:13	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/07/22 23:13	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/07/22 23:13	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/07/22 23:13	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/07/22 23:13	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/07/22 23:13	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/07/22 23:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/07/22 23:13	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/07/22 23:13	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/07/22 23:13	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/07/22 23:13	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/07/22 23:13	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/07/22 23:13	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/07/22 23:13	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/07/22 23:13	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/07/22 23:13	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/07/22 23:13	
2-Hexanone	ug/L	ND	5.0	0.48	10/07/22 23:13	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/07/22 23:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/07/22 23:13	
Acetone	ug/L	ND	25.0	5.1	10/07/22 23:13	
Benzene	ug/L	ND	1.0	0.34	10/07/22 23:13	
Bromobenzene	ug/L	ND	1.0	0.29	10/07/22 23:13	
Bromochloromethane	ug/L	ND	1.0	0.47	10/07/22 23:13	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/07/22 23:13	
Bromoform	ug/L	ND	1.0	0.34	10/07/22 23:13	
Bromomethane	ug/L	ND	2.0	1.7	10/07/22 23:13	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/07/22 23:13	
Chlorobenzene	ug/L	ND	1.0	0.28	10/07/22 23:13	
Chloroethane	ug/L	ND	1.0	0.65	10/07/22 23:13	
Chloroform	ug/L	ND	1.0	0.43	10/07/22 23:13	
Chloromethane	ug/L	ND	1.0	0.54	10/07/22 23:13	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/07/22 23:13	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/07/22 23:13	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/07/22 23:13	
Dibromomethane	ug/L	ND	1.0	0.39	10/07/22 23:13	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/07/22 23:13	

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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 Site
Pace Project No.: 92629399

METHOD BLANK: 3795838 Matrix: Water
Associated Lab Samples: 92629399013, 92629399014, 92629399016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/07/22 23:13	
Ethylbenzene	ug/L	ND	1.0	0.30	10/07/22 23:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/07/22 23:13	
m&p-Xylene	ug/L	ND	2.0	0.71	10/07/22 23:13	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/07/22 23:13	
Methylene Chloride	ug/L	ND	5.0	2.0	10/07/22 23:13	
Naphthalene	ug/L	ND	1.0	0.64	10/07/22 23:13	
o-Xylene	ug/L	ND	1.0	0.34	10/07/22 23:13	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/07/22 23:13	
Styrene	ug/L	ND	1.0	0.29	10/07/22 23:13	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/07/22 23:13	
Toluene	ug/L	ND	1.0	0.48	10/07/22 23:13	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/07/22 23:13	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/07/22 23:13	
Trichloroethene	ug/L	ND	1.0	0.38	10/07/22 23:13	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/07/22 23:13	v2
Vinyl acetate	ug/L	ND	2.0	1.3	10/07/22 23:13	
Vinyl chloride	ug/L	ND	1.0	0.39	10/07/22 23:13	
Xylene (Total)	ug/L	ND	1.0	0.34	10/07/22 23:13	
1,2-Dichloroethane-d4 (S)	%	103	70-130		10/07/22 23:13	
4-Bromofluorobenzene (S)	%	96	70-130		10/07/22 23:13	
Toluene-d8 (S)	%	99	70-130		10/07/22 23:13	

LABORATORY CONTROL SAMPLE: 3795839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	70-130	
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1-Dichloroethane	ug/L	50	48.8	98	70-130	
1,1-Dichloroethene	ug/L	50	51.6	103	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	70-130	
1,2,3-Trichloropropane	ug/L	50	52.4	105	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.6	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	52.9	106	70-130	
1,2-Dichloroethane	ug/L	50	51.2	102	70-130	
1,2-Dichloropropane	ug/L	50	50.2	100	70-130	
1,3-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,3-Dichloropropane	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	51.9	104	70-130	
2,2-Dichloropropane	ug/L	50	49.1	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 Site
Pace Project No.: 92629399

LABORATORY CONTROL SAMPLE: 3795839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	95.6	96	70-130	
2-Chlorotoluene	ug/L	50	50.0	100	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.7	100	70-130	
Acetone	ug/L	100	94.7	95	70-130	
Benzene	ug/L	50	48.7	97	70-130	
Bromobenzene	ug/L	50	51.1	102	70-130	
Bromochloromethane	ug/L	50	50.6	101	70-130	
Bromodichloromethane	ug/L	50	49.4	99	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	47.6	95	70-130	v3
Carbon tetrachloride	ug/L	50	48.2	96	70-130	
Chlorobenzene	ug/L	50	53.2	106	70-130	
Chloroethane	ug/L	50	59.0	118	70-130	
Chloroform	ug/L	50	49.5	99	70-130	
Chloromethane	ug/L	50	46.7	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.2	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.5	99	70-130	
Dibromochloromethane	ug/L	50	48.5	97	70-130	
Dibromomethane	ug/L	50	51.0	102	70-130	
Dichlorodifluoromethane	ug/L	50	43.0	86	70-130	
Diisopropyl ether	ug/L	50	48.8	98	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.9	106	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	49.6	99	70-130	
Methylene Chloride	ug/L	50	42.1	84	70-130	
Naphthalene	ug/L	50	51.1	102	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
p-Isopropyltoluene	ug/L	50	53.3	107	70-130	
Styrene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
Toluene	ug/L	50	50.6	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	52.7	105	70-130	v3
Vinyl acetate	ug/L	100	100	100	70-130	
Vinyl chloride	ug/L	50	46.6	93	70-130	
Xylene (Total)	ug/L	150	155	103	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795840 3795841

Parameter	Units	92629875004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.0	21.1	110	106	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.9	22.8	120	114	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.5	21.4	112	107	70-136	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.1	20.9	111	105	70-135	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.4	21.1	112	106	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.8	23.7	124	119	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.8	23.0	124	115	70-149	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.8	112	104	70-135	8	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.9	21.6	115	108	71-137	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.0	20.7	110	103	73-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.4	18.3	102	92	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.5	21.5	113	107	70-133	5	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.3	22.0	117	110	70-137	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.4	21.4	112	107	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.2	21.7	116	108	70-135	7	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.6	21.0	113	105	70-133	7	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.2	21.8	116	109	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	40	40	46.2	42.2	115	106	60-139	9	30	
2-Chlorotoluene	ug/L	ND	20	20	21.7	20.3	109	101	70-144	7	30	
2-Hexanone	ug/L	ND	40	40	45.5	42.7	114	107	65-138	6	30	
4-Chlorotoluene	ug/L	ND	20	20	22.7	21.3	114	106	70-137	6	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	43.3	41.1	108	103	65-135	5	30	
Acetone	ug/L	ND	40	40	44.7	41.7	112	104	60-148	7	30	
Benzene	ug/L	ND	20	20	21.7	20.8	109	104	70-151	4	30	
Bromobenzene	ug/L	ND	20	20	22.4	20.7	112	104	70-136	8	30	
Bromochloromethane	ug/L	ND	20	20	22.4	21.4	112	107	70-141	5	30	
Bromodichloromethane	ug/L	ND	20	20	21.8	20.7	109	104	70-138	5	30	
Bromoform	ug/L	ND	20	20	19.8	18.5	99	92	63-130	7	30	
Bromomethane	ug/L	ND	20	20	25.2	24.8	126	124	15-152	2	30	
Carbon tetrachloride	ug/L	ND	20	20	23.2	22.4	116	112	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	23.5	22.0	118	110	70-138	7	30	
Chloroethane	ug/L	ND	20	20	27.9	26.3	140	132	52-163	6	30	
Chloroform	ug/L	ND	20	20	22.4	21.6	112	108	70-139	4	30	
Chloromethane	ug/L	ND	20	20	22.1	21.3	110	107	41-139	3	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.4	113	107	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	20.0	105	100	70-137	5	30	
Dibromochloromethane	ug/L	ND	20	20	20.5	19.7	103	98	70-134	4	30	
Dibromomethane	ug/L	ND	20	20	22.2	21.7	111	108	70-138	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.5	22.3	117	112	47-155	5	30	v3
Diisopropyl ether	ug/L	ND	20	20	21.2	20.0	106	100	63-144	6	30	
Ethylbenzene	ug/L	ND	20	20	23.0	21.6	115	108	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.3	22.9	122	114	65-149	6	30	
m&p-Xylene	ug/L	ND	40	40	46.0	43.6	115	109	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 Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795840 3795841

Parameter	Units	92629875004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	21.7	20.3	108	102	54-156	6	30	
Methylene Chloride	ug/L	ND	20	20	19.2	18.3	96	91	42-159	5	30	
Naphthalene	ug/L	0.67J	20	20	22.5	20.6	109	100	61-148	9	30	
o-Xylene	ug/L	ND	20	20	21.4	20.3	107	102	70-148	5	30	
p-Isopropyltoluene	ug/L	ND	20	20	23.3	21.5	117	108	70-146	8	30	
Styrene	ug/L	ND	20	20	22.1	21.0	110	105	70-135	5	30	
Tetrachloroethene	ug/L	ND	20	20	22.7	21.7	113	108	59-143	5	30	
Toluene	ug/L	ND	20	20	22.4	21.3	112	107	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.8	22.1	114	111	70-146	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.2	19.9	106	100	70-135	6	30	
Trichloroethene	ug/L	ND	20	20	24.0	22.8	120	114	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	28.0	26.2	140	131	70-148	7	30	
Vinyl acetate	ug/L	ND	40	40	42.5	39.4	106	98	49-151	8	30	
Vinyl chloride	ug/L	ND	20	20	22.6	21.5	113	108	70-156	5	30	
Xylene (Total)	ug/L	ND	60	60	67.4	63.9	112	107	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						104	104	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	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 Site
Pace Project No.: 92629399

QC Batch: 728684
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011, 92629399012, 92629399015, 92629399016, 92629399017

METHOD BLANK: 3794751
Matrix: Water
Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011, 92629399012, 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/07/22 16:24	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/07/22 16:24	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/07/22 16:24	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/07/22 16:24	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/07/22 16:24	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/07/22 16:24	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/07/22 16:24	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/07/22 16:24	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/07/22 16:24	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/07/22 16:24	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/07/22 16:24	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/07/22 16:24	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/07/22 16:24	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/07/22 16:24	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/07/22 16:24	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/07/22 16:24	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/07/22 16:24	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/07/22 16:24	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/07/22 16:24	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/07/22 16:24	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/07/22 16:24	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/07/22 16:24	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/07/22 16:24	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/07/22 16:24	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/07/22 16:24	
Acenaphthene	ug/L	ND	10.0	2.0	10/07/22 16:24	
Acenaphthylene	ug/L	ND	10.0	2.0	10/07/22 16:24	
Aniline	ug/L	ND	10.0	1.6	10/07/22 16:24	
Anthracene	ug/L	ND	10.0	2.3	10/07/22 16:24	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/07/22 16:24	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/07/22 16:24	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/07/22 16:24	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/07/22 16:24	
Benzoic Acid	ug/L	ND	50.0	22.0	10/07/22 16:24	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/07/22 16:24	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/07/22 16:24	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/07/22 16:24	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

METHOD BLANK: 3794751 Matrix: Water

Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011, 92629399012, 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/07/22 16:24	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/07/22 16:24	
Chrysene	ug/L	ND	10.0	2.8	10/07/22 16:24	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/07/22 16:24	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/07/22 16:24	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/07/22 16:24	
Dibenzofuran	ug/L	ND	10.0	2.1	10/07/22 16:24	
Diethylphthalate	ug/L	ND	10.0	2.0	10/07/22 16:24	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/07/22 16:24	
Fluoranthene	ug/L	ND	10.0	2.2	10/07/22 16:24	
Fluorene	ug/L	ND	10.0	2.1	10/07/22 16:24	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/07/22 16:24	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/07/22 16:24	
Hexachloroethane	ug/L	ND	10.0	1.4	10/07/22 16:24	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/07/22 16:24	
Isophorone	ug/L	ND	10.0	1.7	10/07/22 16:24	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/07/22 16:24	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/07/22 16:24	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/07/22 16:24	
Nitrobenzene	ug/L	ND	10.0	1.9	10/07/22 16:24	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/07/22 16:24	
Phenanthrene	ug/L	ND	10.0	2.0	10/07/22 16:24	
Phenol	ug/L	ND	10.0	1.4	10/07/22 16:24	
Pyrene	ug/L	ND	10.0	2.2	10/07/22 16:24	
2,4,6-Tribromophenol (S)	%	100	10-144		10/07/22 16:24	
2-Fluorobiphenyl (S)	%	85	10-130		10/07/22 16:24	
2-Fluorophenol (S)	%	70	10-130		10/07/22 16:24	
Nitrobenzene-d5 (S)	%	84	10-144		10/07/22 16:24	
Phenol-d6 (S)	%	55	10-130		10/07/22 16:24	
Terphenyl-d14 (S)	%	134	34-163		10/07/22 16:24	

LABORATORY CONTROL SAMPLE: 3794752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.9	88	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	44.5	89	28-130	
2,4,5-Trichlorophenol	ug/L	50	55.1	110	35-130	
2,4,6-Trichlorophenol	ug/L	50	53.0	106	31-130	
2,4-Dichlorophenol	ug/L	50	48.5	97	35-130	
2,4-Dimethylphenol	ug/L	50	55.5	111	34-130	
2,4-Dinitrophenol	ug/L	250	186	74	10-153	
2,4-Dinitrotoluene	ug/L	50	57.0	114	37-136	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

LABORATORY CONTROL SAMPLE: 3794752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	58.1	116	33-136	
2-Chloronaphthalene	ug/L	50	48.9	98	26-130	
2-Chlorophenol	ug/L	50	44.3	89	37-130	
2-Methylnaphthalene	ug/L	50	40.2	80	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	43.6	87	35-130	
2-Nitroaniline	ug/L	100	103	103	37-130	
2-Nitrophenol	ug/L	50	45.8	92	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	42.5	85	34-130	
3,3'-Dichlorobenzidine	ug/L	100	109	109	34-136	
3-Nitroaniline	ug/L	100	112	112	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	101	101	21-157	
4-Bromophenylphenyl ether	ug/L	50	54.3	109	38-130	
4-Chloro-3-methylphenol	ug/L	100	99.4	99	37-130	
4-Chloroaniline	ug/L	100	99.8	100	38-130	
4-Chlorophenylphenyl ether	ug/L	50	50.6	101	33-130	
4-Nitroaniline	ug/L	100	106	106	42-137	
4-Nitrophenol	ug/L	250	142	57	10-130	
Acenaphthene	ug/L	50	52.9	106	33-130	
Acenaphthylene	ug/L	50	52.4	105	35-130	
Aniline	ug/L	50	39.9	80	22-130	
Anthracene	ug/L	50	52.7	105	48-130	
Benzo(a)anthracene	ug/L	50	57.1	114	48-137	
Benzo(b)fluoranthene	ug/L	50	60.4	121	52-138	
Benzo(g,h,i)perylene	ug/L	50	56.6	113	48-140	
Benzo(k)fluoranthene	ug/L	50	59.5	119	48-139	
Benzoic Acid	ug/L	250	105	42	10-130	
Benzyl alcohol	ug/L	100	94.4	94	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	48.8	98	34-130	
bis(2-Chloroethyl) ether	ug/L	50	45.8	92	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.5	127	32-165	
Butylbenzylphthalate	ug/L	50	64.9	130	34-161	
Chrysene	ug/L	50	57.8	116	47-131	
Di-n-butylphthalate	ug/L	50	54.9	110	39-144	
Di-n-octylphthalate	ug/L	50	62.8	126	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.3	117	49-138	
Dibenzofuran	ug/L	50	53.6	107	33-130	
Diethylphthalate	ug/L	50	55.5	111	38-131	
Dimethylphthalate	ug/L	50	53.7	107	37-130	
Fluoranthene	ug/L	50	56.1	112	46-137	
Fluorene	ug/L	50	54.8	110	37-130	
Hexachlorobenzene	ug/L	50	53.3	107	38-130	
Hexachlorocyclopentadiene	ug/L	50	30.2	60	10-130	
Hexachloroethane	ug/L	50	12.5	25	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.1	116	41-130	
Isophorone	ug/L	50	49.6	99	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	50.2	100	36-130	
N-Nitrosodimethylamine	ug/L	50	45.3	91	34-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

LABORATORY CONTROL SAMPLE: 3794752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	56.6	113	37-130	
Nitrobenzene	ug/L	50	43.6	87	36-130	
Pentachlorophenol	ug/L	100	101	101	23-149	
Phenanthrene	ug/L	50	56.7	113	44-130	
Phenol	ug/L	50	32.0	64	18-130	
Pyrene	ug/L	50	62.8	126	47-134	
2,4,6-Tribromophenol (S)	%			113	10-144	
2-Fluorobiphenyl (S)	%			88	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			92	10-144	
Phenol-d6 (S)	%			62	10-130	
Terphenyl-d14 (S)	%			130	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794753 3794754

Parameter	Units	92629399010 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	90.9	90.9	68.7	53.7	76	59	10-130	25	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	90.9	90.9	70.1	54.9	77	60	12-142	24	30	
2,4,5-Trichlorophenol	ug/L	ND	90.9	90.9	67.3	82.6	74	91	10-143	20	30	
2,4,6-Trichlorophenol	ug/L	ND	90.9	90.9	56.0	80.1	62	88	10-147	35	30	R1
2,4-Dichlorophenol	ug/L	ND	90.9	90.9	67.8	72.7	75	80	10-138	7	30	
2,4-Dimethylphenol	ug/L	ND	90.9	90.9	91.6	82.6	101	91	25-130	10	30	
2,4-Dinitrophenol	ug/L	ND	455	455	150	310	33	68	10-165	69	30	R1
2,4-Dinitrotoluene	ug/L	ND	90.9	90.9	94.0	90.1	103	99	29-148	4	30	
2,6-Dinitrotoluene	ug/L	ND	90.9	90.9	94.5	87.7	104	96	26-146	8	30	
2-Chloronaphthalene	ug/L	ND	90.9	90.9	68.0	64.8	75	71	11-130	5	30	
2-Chlorophenol	ug/L	ND	90.9	90.9	55.7	62.2	61	68	10-133	11	30	
2-Methylnaphthalene	ug/L	ND	90.9	90.9	63.5	48.6	70	53	13-130	27	30	
2-Methylphenol(o-Cresol)	ug/L	ND	90.9	90.9	63.5	62.3	70	68	20-130	2	30	
2-Nitroaniline	ug/L	ND	182	182	168	157	92	86	24-136	6	30	
2-Nitrophenol	ug/L	ND	90.9	90.9	65.3	68.0	72	75	10-153	4	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	90.9	90.9	59.7	59.5	66	65	16-130	0	30	
3,3'-Dichlorobenzidine	ug/L	ND	182	182	192	188	106	103	10-153	2	30	
3-Nitroaniline	ug/L	ND	182	182	188	174	103	96	22-151	7	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	182	182	90.5	177	50	97	10-180	65	30	R1
4-Bromophenylphenyl ether	ug/L	ND	90.9	90.9	75.5	86.4	83	95	25-130	13	30	
4-Chloro-3-methylphenol	ug/L	ND	182	182	161	146	88	80	25-133	9	30	
4-Chloroaniline	ug/L	ND	182	182	160	147	88	81	14-132	8	30	
4-Chlorophenylphenyl ether	ug/L	ND	90.9	90.9	66.9	76.1	74	84	19-130	13	30	
4-Nitroaniline	ug/L	ND	182	182	169	164	93	90	29-150	3	30	
4-Nitrophenol	ug/L	ND	455	455	87.8J	199	19	44	10-130		30	
Acenaphthene	ug/L	ND	90.9	90.9	74.5	75.5	82	83	16-130	1	30	
Acenaphthylene	ug/L	ND	90.9	90.9	76.3	75.7	84	83	15-137	1	30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794753 3794754

Parameter	Units	92629399010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aniline	ug/L	ND	90.9	90.9	56.2	54.5	62	60	10-130	3	30	
Anthracene	ug/L	ND	90.9	90.9	80.1	87.3	88	96	37-136	9	30	
Benzo(a)anthracene	ug/L	ND	90.9	90.9	92.8	96.5	102	106	40-145	4	30	
Benzo(b)fluoranthene	ug/L	ND	90.9	90.9	93.7	96.8	103	106	39-151	3	30	
Benzo(g,h,i)perylene	ug/L	ND	90.9	90.9	95.4	98.3	105	108	40-147	3	30	
Benzo(k)fluoranthene	ug/L	ND	90.9	90.9	95.2	99.8	105	110	40-146	5	30	
Benzoic Acid	ug/L	ND	455	455	128	136	28	30	10-130	6	30	
Benzyl alcohol	ug/L	ND	182	182	139	132	76	72	25-130	5	30	
bis(2-Chloroethoxy)methane	ug/L	ND	90.9	90.9	76.8	69.1	85	76	23-130	11	30	
bis(2-Chloroethyl) ether	ug/L	ND	90.9	90.9	68.2	62.3	75	69	25-130	9	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	90.9	90.9	108	102	119	112	28-166	6	30	
Butylbenzylphthalate	ug/L	ND	90.9	90.9	109	110	120	121	33-165	1	30	
Chrysene	ug/L	ND	90.9	90.9	95.7	97.4	105	107	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	90.9	90.9	88.1	92.1	97	101	32-153	4	30	
Di-n-octylphthalate	ug/L	ND	90.9	90.9	111	110	122	121	30-175	1	30	
Dibenz(a,h)anthracene	ug/L	ND	90.9	90.9	96.8	102	107	112	39-148	5	30	
Dibenzofuran	ug/L	ND	90.9	90.9	71.8	78.8	79	87	20-130	9	30	
Diethylphthalate	ug/L	ND	90.9	90.9	89.9	85.0	99	93	28-142	6	30	
Dimethylphthalate	ug/L	ND	90.9	90.9	88.8	84.0	98	92	26-136	6	30	
Fluoranthene	ug/L	ND	90.9	90.9	86.1	91.9	95	101	39-143	7	30	
Fluorene	ug/L	ND	90.9	90.9	75.5	81.6	83	90	24-132	8	30	
Hexachlorobenzene	ug/L	ND	90.9	90.9	81.9	87.7	90	96	29-130	7	30	
Hexachlorocyclopentadiene	ug/L	ND	90.9	90.9	50.6	30.3	56	33	10-130	50	30	R1
Hexachloroethane	ug/L	ND	90.9	90.9	25.1	8.1J	28	9	10-130		30	M1
Indeno(1,2,3-cd)pyrene	ug/L	ND	90.9	90.9	96.3	99.5	106	109	39-148	3	30	
Isophorone	ug/L	ND	90.9	90.9	78.0	73.9	86	81	23-130	5	30	
N-Nitroso-di-n-propylamine	ug/L	ND	90.9	90.9	71.8	70.8	79	78	25-130	1	30	
N-Nitrosodimethylamine	ug/L	ND	90.9	90.9	59.8	61.2	66	67	22-130	2	30	
N-Nitrosodiphenylamine	ug/L	ND	90.9	90.9	93.5	91.5	103	101	26-134	2	30	
Nitrobenzene	ug/L	ND	90.9	90.9	74.5	63.0	82	69	25-130	17	30	
Pentachlorophenol	ug/L	ND	182	182	78.3	159	43	88	10-175	68	30	R1
Phenanthrene	ug/L	ND	90.9	90.9	83.7	93.6	92	103	36-133	11	30	
Phenol	ug/L	ND	90.9	90.9	39.7	39.7	44	44	10-130	0	30	
Pyrene	ug/L	ND	90.9	90.9	96.8	103	107	113	40-143	6	30	
2,4,6-Tribromophenol (S)	%						78	102	10-144			
2-Fluorobiphenyl (S)	%						80	54	10-130			
2-Fluorophenol (S)	%						41	49	10-130			
Nitrobenzene-d5 (S)	%						87	64	10-144			
Phenol-d6 (S)	%						44	42	10-130			
Terphenyl-d14 (S)	%						117	118	34-163			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728391
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: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011, 92629399012, 92629399015, 92629399016, 92629399017

METHOD BLANK: 3793134 Matrix: Water
Associated Lab Samples: 92629399001, 92629399002, 92629399003, 92629399004, 92629399005, 92629399006, 92629399007, 92629399008, 92629399009, 92629399010, 92629399011, 92629399012, 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/07/22 09:25	
2-Fluorobiphenyl (S)	%	87	61-194		10/07/22 09:25	
Nitrobenzene-d5 (S)	%	103	69-194		10/07/22 09:25	
Terphenyl-d14 (S)	%	89	69-180		10/07/22 09:25	

LABORATORY CONTROL SAMPLE: 3793135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.5	102	70-130	
2-Fluorobiphenyl (S)	%			96	61-194	
Nitrobenzene-d5 (S)	%			112	69-194	
Terphenyl-d14 (S)	%			94	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3793136 3793137

Parameter	Units	92629399010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	5.2	4.9	104	97	11-178	7	30	
2-Fluorobiphenyl (S)	%						92	94	61-194			
Nitrobenzene-d5 (S)	%						114	108	69-194			
Terphenyl-d14 (S)	%						91	89	69-180			

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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 Site
Pace Project No.: 92629399

QC Batch: 728312
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792635 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	10/06/22 11:40	

LABORATORY CONTROL SAMPLE: 3792636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.2	100	80-120	

LABORATORY CONTROL SAMPLE: 3792637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792638 3792639

Parameter	Units	92628849001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	79.8	50	50	125	126	90	93	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792640 3792641

Parameter	Units	92628600016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	307	50	50	327	335	39	55	80-120	2	25	M1

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728226
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792335 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	10/08/22 05:31	

LABORATORY CONTROL SAMPLE: 3792336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792337 3792338

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	0.73	0.5	0.5	1.3	1.3	107	107	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792339 3792340

Parameter	Units	92629478001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.50	0.53	98	104	80-120	7	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728364
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792962 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	10/06/22 18:39	

LABORATORY CONTROL SAMPLE: 3792963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	48.3	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792964 3792965

Parameter	Units	92629193001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	631	50	50	666	663	70	64	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792966 3792967

Parameter	Units	92629526005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	0.51J	50	50	50.5	50.3	100	100	90-110	0	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728240
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792394 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	10/07/22 10:45	

LABORATORY CONTROL SAMPLE: 3792395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.2	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792396 3792397

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	0.060J	5	5	5.5	5.5	109	110	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792398 3792399

Parameter	Units	92629399016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	1.1	5	5	6.5	6.5	107	107	90-110	0	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728230
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3792345 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	10/07/22 07:23	

LABORATORY CONTROL SAMPLE: 3792346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792347 3792348

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.2	2.2	89	89	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792349 3792350

Parameter	Units	92629399016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.3	2.3	93	93	90-110	1	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

QC Batch: 728419
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629399015, 92629399016, 92629399017

METHOD BLANK: 3793273 Matrix: Water
Associated Lab Samples: 92629399015, 92629399016, 92629399017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	

LABORATORY CONTROL SAMPLE: 3793274

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.7	95	75-125	
Total Organic Carbon	mg/L	25	23.3	93	75-125	
Total Organic Carbon	mg/L	25	23.4	94	75-125	
Total Organic Carbon	mg/L	25	24.0	96	75-125	
Total Organic Carbon	mg/L	25	24.0	96	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3793275 3793276

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	0.98J	25	25	25.4	26.1	98	101	75-125	3	25	
Total Organic Carbon	mg/L	0.97J	25	25	25.2	25.7	97	99	75-125	2	25	
Total Organic Carbon	mg/L	1.0J	25	25	25.8	26.6	99	102	75-125	3	25	
Total Organic Carbon	mg/L	1.0J	25	25	25.2	26.1	97	100	75-125	4	25	
Total Organic Carbon	mg/L	0.94J	25	25	25.6	26.1	99	100	75-125	2	25	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0	Result confirmed by second analysis.
C9	Common Laboratory Contaminant.
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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
R1	RPD value was outside control limits.
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
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Bramlette MGP Site
Pace Project No.: 92629399

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92629399015	MW-46BR-20221003	RSK175	1941234	RSK-175	1941234
92629399016	MW-47BR-20221003	RSK175	1941234	RSK-175	1941234
92629399017	MW-45BR-20221003	RSK175	1941234	RSK-175	1941234
92629399015	MW-46BR-20221003	EPA 3010A	728261	EPA 6010D	728454
92629399016	MW-47BR-20221003	EPA 3010A	728261	EPA 6010D	728454
92629399017	MW-45BR-20221003	EPA 3010A	728261	EPA 6010D	728454
92629399015	MW-46BR-20221003	EPA 3010A	728338	EPA 6010D	728742
92629399016	MW-47BR-20221003	EPA 3010A	728338	EPA 6010D	728742
92629399017	MW-45BR-20221003	EPA 3010A	728338	EPA 6010D	728742
92629399001	MW-3BRL-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399002	MW-3-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399003	MW-3BR-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399004	MW-20-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399005	MW-1-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399006	MW-48TZ-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399007	MW-48S-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399008	MW-33S-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399009	MW-33TZ-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399010	MW-32TZ-20221003 (MS/MSD)	EPA 3510C	728684	EPA 8270E	728823
92629399011	MW-32S-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399012	EB-02-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399015	MW-46BR-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399016	MW-47BR-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399017	MW-45BR-20221003	EPA 3510C	728684	EPA 8270E	728823
92629399001	MW-3BRL-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399002	MW-3-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399003	MW-3BR-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399004	MW-20-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399005	MW-1-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399006	MW-48TZ-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399007	MW-48S-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399008	MW-33S-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399009	MW-33TZ-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399010	MW-32TZ-20221003 (MS/MSD)	EPA 3511	728391	EPA 8270E by SIM	728654
92629399011	MW-32S-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399012	EB-02-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399015	MW-46BR-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399016	MW-47BR-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399017	MW-45BR-20221003	EPA 3511	728391	EPA 8270E by SIM	728654
92629399001	MW-3BRL-20221003	EPA 8260D	728162		
92629399002	MW-3-20221003	EPA 8260D	728162		
92629399003	MW-3BR-20221003	EPA 8260D	728162		
92629399004	MW-20-20221003	EPA 8260D	728162		
92629399005	MW-1-20221003	EPA 8260D	728162		
92629399006	MW-48TZ-20221003	EPA 8260D	728162		
92629399007	MW-48S-20221003	EPA 8260D	728162		

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 Site
Pace Project No.: 92629399

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92629399008	**MW-33S-20221003**	EPA 8260D	728162		
92629399009	**MW-33TZ-20221003**	EPA 8260D	728162		
92629399010	**MW-32TZ-20221003 (MS/MSD)**	EPA 8260D	728162		
92629399011	**MW-32S-20221003**	EPA 8260D	728162		
92629399012	**EB-02-20221003**	EPA 8260D	728330		
92629399013	**TB-08-20221003**	EPA 8260D	728852		
92629399014	**TB-09-20221003**	EPA 8260D	728852		
92629399015	**MW-46BR-20221003**	EPA 8260D	728330		
92629399016	**MW-47BR-20221003**	EPA 8260D	728852		
92629399017	**MW-45BR-20221003**	EPA 8260D	728330		
92629399015	**MW-46BR-20221003**	SM 2320B-2011	728312		
92629399016	**MW-47BR-20221003**	SM 2320B-2011	728312		
92629399017	**MW-45BR-20221003**	SM 2320B-2011	728312		
92629399015	**MW-46BR-20221003**	SM 4500-S2D-2011	728226		
92629399016	**MW-47BR-20221003**	SM 4500-S2D-2011	728226		
92629399017	**MW-45BR-20221003**	SM 4500-S2D-2011	728226		
92629399015	**MW-46BR-20221003**	EPA 300.0 Rev 2.1 1993	728364		
92629399016	**MW-47BR-20221003**	EPA 300.0 Rev 2.1 1993	728364		
92629399017	**MW-45BR-20221003**	EPA 300.0 Rev 2.1 1993	728364		
92629399015	**MW-46BR-20221003**	EPA 350.1 Rev 2.0 1993	728240		
92629399016	**MW-47BR-20221003**	EPA 350.1 Rev 2.0 1993	728240		
92629399017	**MW-45BR-20221003**	EPA 350.1 Rev 2.0 1993	728240		
92629399015	**MW-46BR-20221003**	EPA 353.2 Rev 2.0 1993	728230		
92629399016	**MW-47BR-20221003**	EPA 353.2 Rev 2.0 1993	728230		
92629399017	**MW-45BR-20221003**	EPA 353.2 Rev 2.0 1993	728230		
92629399015	**MW-46BR-20221003**	EPA 9060A	728419		
92629399016	**MW-47BR-20221003**	EPA 9060A	728419		
92629399017	**MW-45BR-20221003**	EPA 9060A	728419		
92629399015	**MW-46BR-20221003**	SM 4500-CO2 D-2011	729219		
92629399016	**MW-47BR-20221003**	SM 4500-CO2 D-2011	729219		
92629399017	**MW-45BR-20221003**	SM 4500-CO2 D-2011	729219		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log in Number Here

WO# : 92629399

92629399

ALL SHADED A

Company: Geosyntec

Billing Information:

Address:

Report To: Michael Martin

Email To: MMartin@geosyntec.com

Copy To:

Site Collection Info/Address: Former Brambette MGP Site

Customer Project Name/Number:

State: SC

County/City:

Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Container Preservative Type **

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): John Trotte

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

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

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

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

Analysis: _____

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

Analyses: 8260 | 8270 | 8270 SIM PAH | 1102 \| 1003 \| NH3 | Sulfate \| Alkalinity \| Sulfide | RSK 175 MEE | TOC (total organic carbon) | 200.7 Fe \| Mn | 200.7 Dissolved Fe \| Mn | CO2

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N)	NA
Custody Signatures Present	Y N	NA
Collector Signature Present	Y N	NA
Bottles Intact	Y N	NA
Correct Bottles	Y N	NA
Sufficient Volume	Y N	NA
Samples Received on Ice	Y N	NA
VOA - Headspace Acceptable	(Y) N	NA
USDA Regulated Soils	Y N	(NA)
Samples in Holding Time	(Y) N	NA
Residual Chlorine Present	Y N	(NA)
Cl Strips: 2071		
Sample pH Acceptable	Y N	(NA)
pH Strips: 233814BV		
Sulfide Present 216021V	Y N	(NA)
Lead Acetate Strips:		

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
MW-46BR-20221003	GW	G	10-3-22	0954					92629399
MW-47BR-20221003				1010					015 016
MW-3BRL-20221003				1145					001
MW-45BR-20221003				1147					017
MW-3-20221003				1354					007
MW-38R-20221003				1355					003
MW-20-20221003				1513					004
MW-1-20221003				1515					005
MW-48R-20221003				1025					002
MW-48S-20221003				1040					007

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bags

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

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

Lab Tracking #: 2704938

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

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 93T071 92T070

Cooler 1 Temp Upon Receipt: 1.7/3 oC 2.0/1.3

Cooler 1 Therm Corr. Factor: 0 oC -0.1/1.3

Cooler 1 Corrected Temp: 1.7/3.8 oC 3.3/1.2

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
Geosyntec	10-3-22 1700	Nelson Smith	10-3-22 1700	Table #:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum:
Nelson Smith	10-4 1415		10/4 1413	Template:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Prelogin:
	10-4 16:20		10/4/22 1620	PM:
	10/4/22 18:30	CS Pace	10/5/22 800	PB:

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

MT

WO# : 92629399

PM: NMG **Due Date: 10/11/22**

CLIENT: 92-Duke Ener

ALL SHADED A

Company: Geosyntec	Billing Information:
Address:	
Report To: Michael Martin	Email To: MMartin@geosyntec.com
Copy To:	Site Collection Info/Address: Former Bramlett MGP site
Customer Project Name/Number:	State: SC / County/City: / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Joha Trotter	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260 +Spr	8270	8270 Sim PAH	NO2/NO3/NH3	Sulfate/Alkalinity/Sulfide	RSK 175 MEE	TOC (total) organic carbon	200.7 FE/MN	200.7 Dissolved FE/MN	CO2	Lab Sample # / Comments:
MW-33S-20221003	GW	G	10-3-22	1205					X	X	X								008
MW-33T2-20221003				1230															009
MW-32T2-20221003				1550															010
MW-32S-20221003				1505															011
MS-03-20221003				1500															010
MSD-03-20221003				1500															010
EB-02-20221003				1615															012
TB-08-20221003	OT	—		—															013
TB-09-20221003	OT	—		—															014

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: 2071			
Sample pH Acceptable	Y	N	NA
pH Strips: 223819 BV			
Sulfide Present 216021C	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Bubble bag

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

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

Lab Tracking #: 2704940

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 93T071 92T070
Cooler 1 Temp Upon Receipt: 0.2 / 3.9 oC 3.4/1.3
Cooler 1 Therm Corr. Factor: 0 oC -0.1
Cooler 1 Corrected Temp: 0.2 / 3.9 oC 3.3/1.3
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Geosyntec	10-3-22 1700		10-3-22 1700
	10-4 1415		10-4 1415
	10-4		

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

10/4/22 18:30 CS Pace 10/5/22 800

Page 331 of 334

(1)

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

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

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

***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92629399

PM: NMG Due Date: 10/11/22

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																6											2		3
2																6											2		3
3																3											2		3
4																4											2		3
5																3											2		3
6																3											2		3
7																3											2		3
8																3											2		3
9																3											2		3
10																3											2		3
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

(2)

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

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

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

***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92629399

PM: NMG Due Date: 10/11/22

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3											2		3
2																3											2		3
3																3											2		3
4																3											2		3
5																3											2		3
6																3											2		3
7																3											2		3
8																2													
9																2													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

WO# : 92629399

Project #

PM: NMG Due Date: 10/11/22

CLIENT: 92-Duke Ener

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

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

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

***Check all unpreserved Nitrates for chlorine

in ANL!

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		2			1	2	1												3										
2		2			1	2	1												3										
3		2			1	2	1												3										
4																													
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6																													
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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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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

October 14, 2022

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

RE: Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

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

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

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

CERTIFICATIONS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Pace Analytical Services National

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

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92629530001	**MW-39BR-20221005**	Water	10/05/22 08:10	10/05/22 14:20
92629530002	**MW-43BR-20221005**	Water	10/05/22 08:55	10/05/22 14:20
92629530003	**MW-29S-20221005**	Water	10/05/22 09:40	10/05/22 14:20
92629530004	**MW-29TZ-20221005**	Water	10/05/22 10:10	10/05/22 14:20
92629530005	**MW-29BR-20221005**	Water	10/05/22 10:40	10/05/22 14:20

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

SAMPLE ANALYTE COUNT

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92629530001	**MW-39BR-20221005**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	DEC	2	PASI-A
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629530002	**MW-43BR-20221005**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	DEC	2	PASI-A
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629530003	**MW-29S-20221005**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	DEC	2	PASI-A
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629530004	**MW-29TZ-20221005**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	DEC	2	PASI-A
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A

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

SAMPLE ANALYTE COUNT

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629530005	**MW-29BR-20221005**	RSK-175	JAP	3	PAN
		EPA 6010D	MJI	2	PASI-A
		EPA 6010D	DEC	2	PASI-A
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A

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

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

SUMMARY OF DETECTION

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629530001	**MW-39BR-20221005**					
EPA 6010D	Iron	3280	ug/L	50.0	10/08/22 13:17	
EPA 6010D	Manganese	162	ug/L	5.0	10/08/22 13:17	
EPA 6010D	Iron, Dissolved	1800	ug/L	50.0	10/12/22 15:41	P4
EPA 6010D	Manganese, Dissolved	165	ug/L	5.0	10/12/22 15:41	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	95.7	mg/L	5.0	10/07/22 12:44	
EPA 300.0 Rev 2.1 1993	Sulfate	29.5	mg/L	1.0	10/07/22 01:02	
EPA 9060A	Total Organic Carbon	0.69J	mg/L	1.0	10/06/22 17:54	
EPA 9060A	Total Organic Carbon	0.80J	mg/L	1.0	10/06/22 17:54	
EPA 9060A	Total Organic Carbon	0.51J	mg/L	1.0	10/06/22 17:54	
EPA 9060A	Mean Total Organic Carbon	0.62J	mg/L	1.0	10/06/22 17:54	
SM 4500-CO2 D-2011	Carbon dioxide	97.7	mg/L	5.0	10/10/22 21:47	N2
92629530002	**MW-43BR-20221005**					
RSK-175	Methane	266	ug/L	10.0	10/12/22 12:29	
EPA 6010D	Iron	336	ug/L	50.0	10/08/22 13:45	
EPA 6010D	Manganese	99.1	ug/L	5.0	10/08/22 13:45	
EPA 6010D	Iron, Dissolved	134	ug/L	50.0	10/12/22 15:55	P4
EPA 6010D	Manganese, Dissolved	87.9	ug/L	5.0	10/12/22 15:55	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	118	mg/L	5.0	10/07/22 12:52	
SM 4500-S2D-2011	Sulfide	0.33	mg/L	0.10	10/12/22 01:56	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	10/07/22 01:17	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	2.2	mg/L	0.10	10/10/22 12:37	
EPA 9060A	Total Organic Carbon	6.9	mg/L	1.0	10/06/22 18:11	
EPA 9060A	Total Organic Carbon	6.8	mg/L	1.0	10/06/22 18:11	
EPA 9060A	Total Organic Carbon	7.0	mg/L	1.0	10/06/22 18:11	
EPA 9060A	Total Organic Carbon	7.0	mg/L	1.0	10/06/22 18:11	
EPA 9060A	Mean Total Organic Carbon	6.9	mg/L	1.0	10/06/22 18:11	
SM 4500-CO2 D-2011	Carbon dioxide	105	mg/L	5.0	10/10/22 21:47	N2
92629530003	**MW-29S-20221005**					
RSK-175	Methane	216	ug/L	10.0	10/12/22 12:35	
EPA 6010D	Iron	17100	ug/L	50.0	10/08/22 13:48	
EPA 6010D	Manganese	835	ug/L	5.0	10/08/22 13:48	
EPA 6010D	Iron, Dissolved	14000	ug/L	50.0	10/12/22 15:58	P4
EPA 6010D	Manganese, Dissolved	873	ug/L	5.0	10/12/22 15:58	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	295	mg/L	5.0	10/07/22 15:02	
EPA 300.0 Rev 2.1 1993	Sulfate	19.9	mg/L	1.0	10/07/22 01:33	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	2.7	mg/L	0.10	10/10/22 12:38	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.037J	mg/L	0.040	10/11/22 08:39	
EPA 9060A	Total Organic Carbon	5.8	mg/L	1.0	10/06/22 19:07	
EPA 9060A	Total Organic Carbon	5.9	mg/L	1.0	10/06/22 19:07	
EPA 9060A	Total Organic Carbon	6.1	mg/L	1.0	10/06/22 19:07	
EPA 9060A	Total Organic Carbon	6.1	mg/L	1.0	10/06/22 19:07	
EPA 9060A	Mean Total Organic Carbon	5.9	mg/L	1.0	10/06/22 19:07	
SM 4500-CO2 D-2011	Carbon dioxide	313	mg/L	5.0	10/10/22 21:47	N2
92629530004	**MW-29TZ-20221005**					
RSK-175	Methane	4160	ug/L	10.0	10/12/22 12:38	
EPA 6010D	Iron	17200	ug/L	50.0	10/08/22 13:52	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629530004	**MW-29TZ-20221005**					
EPA 6010D	Manganese	142	ug/L	5.0	10/08/22 13:52	
EPA 6010D	Iron, Dissolved	14100	ug/L	50.0	10/12/22 16:02	P4
EPA 6010D	Manganese, Dissolved	144	ug/L	5.0	10/12/22 16:02	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	160	mg/L	5.0	10/07/22 13:11	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.18	mg/L	0.10	10/10/22 12:40	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.044	mg/L	0.040	10/11/22 08:40	
EPA 9060A	Total Organic Carbon	7.1	mg/L	1.0	10/06/22 19:25	
EPA 9060A	Total Organic Carbon	6.9	mg/L	1.0	10/06/22 19:25	
EPA 9060A	Total Organic Carbon	7.0	mg/L	1.0	10/06/22 19:25	
EPA 9060A	Total Organic Carbon	7.1	mg/L	1.0	10/06/22 19:25	
EPA 9060A	Mean Total Organic Carbon	7.0	mg/L	1.0	10/06/22 19:25	
SM 4500-CO2 D-2011	Carbon dioxide	226	mg/L	5.0	10/10/22 21:47	N2
92629530005	**MW-29BR-20221005**					
RSK-175	Methane	4320	ug/L	10.0	10/12/22 12:41	
RSK-175	Ethane	15.6	ug/L	13.0	10/12/22 12:41	
EPA 6010D	Manganese, Dissolved	28.4	ug/L	5.0	10/11/22 15:27	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	161	mg/L	5.0	10/07/22 13:22	M1
SM 4500-S2D-2011	Sulfide	0.031J	mg/L	0.10	10/12/22 01:57	
EPA 9060A	Total Organic Carbon	1.4	mg/L	1.0	10/06/22 19:42	
EPA 9060A	Total Organic Carbon	1.1	mg/L	1.0	10/06/22 19:42	
EPA 9060A	Total Organic Carbon	1.0	mg/L	1.0	10/06/22 19:42	
EPA 9060A	Total Organic Carbon	0.94J	mg/L	1.0	10/06/22 19:42	
EPA 9060A	Mean Total Organic Carbon	1.1	mg/L	1.0	10/06/22 19:42	
SM 4500-CO2 D-2011	Carbon dioxide	132	mg/L	5.0	10/10/22 21:47	N2

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **RSK-175**
Description: VOA (GC) RSK175
Client: Duke Energy
Date: October 14, 2022

General Information:
5 samples were analyzed for RSK-175 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: October 14, 2022

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

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **EPA 6010D**
Description: 6010 MET ICP, Lab Filtered
Client: Duke Energy
Date: October 14, 2022

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

P4: Sample field preservation does not meet EPA or method recommendations for this analysis.
- MW-29BR-20221005 (Lab ID: 92629530005)
- MW-29S-20221005 (Lab ID: 92629530003)
- MW-29TZ-20221005 (Lab ID: 92629530004)
- MW-39BR-20221005 (Lab ID: 92629530001)
- MW-43BR-20221005 (Lab ID: 92629530002)

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

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

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: October 14, 2022

General Information:
5 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

QC Batch: 728662

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629526001,92629530005

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

- MSD (Lab ID: 3794676)
  - Alkalinity, Total as CaCO3

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: October 14, 2022

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

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: October 14, 2022

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

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

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

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

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

QC Batch: 728364

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629193001,92629526005

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

- MS (Lab ID: 3792964)
  - Sulfate
- MSD (Lab ID: 3792965)
  - Sulfate

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: October 14, 2022

General Information:
5 samples were analyzed for EPA 350.1 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: October 14, 2022

General Information:
5 samples were analyzed for EPA 353.2 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: October 14, 2022

General Information:
5 samples were analyzed for EPA 9060A by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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PROJECT NARRATIVE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: October 14, 2022

General Information:
5 samples were analyzed for SM 4500-CO2 D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

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

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

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

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

Additional Comments:

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

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ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-39BR-20221005 **Lab ID: 92629530001** Collected: 10/05/22 08:10 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	ND	ug/L	10.0	2.91	1	10/12/22 12:27	10/12/22 12:27	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:27	10/12/22 12:27	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:27	10/12/22 12:27	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**3280**	ug/L	50.0	41.5	1	10/07/22 14:18	10/08/22 13:17	7439-89-6	
Manganese	**162**	ug/L	5.0	3.4	1	10/07/22 14:18	10/08/22 13:17	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**1800**	ug/L	50.0	41.5	1	10/10/22 15:56	10/12/22 15:41	7439-89-6	P4
Manganese, Dissolved	**165**	ug/L	5.0	3.4	1	10/10/22 15:56	10/12/22 15:41	7439-96-5	P4
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**95.7**	mg/L	5.0	5.0	1		10/07/22 12:44		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/12/22 01:56	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**29.5**	mg/L	1.0	0.50	1		10/07/22 01:02	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		10/10/22 12:36	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/11/22 08:37		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**0.69J**	mg/L	1.0	0.50	1		10/06/22 17:54	7440-44-0	
Total Organic Carbon	**0.80J**	mg/L	1.0	0.50	1		10/06/22 17:54	7440-44-0	
Total Organic Carbon	**0.51J**	mg/L	1.0	0.50	1		10/06/22 17:54	7440-44-0	
Total Organic Carbon	ND	mg/L	1.0	0.50	1		10/06/22 17:54	7440-44-0	
Mean Total Organic Carbon	**0.62J**	mg/L	1.0	0.50	1		10/06/22 17:54	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-39BR-20221005 **Lab ID: 92629530001** Collected: 10/05/22 08:10 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**97.7**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-43BR-20221005 **Lab ID: 92629530002** Collected: 10/05/22 08:55 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**266**	ug/L	10.0	2.91	1	10/12/22 12:29	10/12/22 12:29	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:29	10/12/22 12:29	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:29	10/12/22 12:29	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**336**	ug/L	50.0	41.5	1	10/07/22 14:18	10/08/22 13:45	7439-89-6	
Manganese	**99.1**	ug/L	5.0	3.4	1	10/07/22 14:18	10/08/22 13:45	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**134**	ug/L	50.0	41.5	1	10/10/22 15:56	10/12/22 15:55	7439-89-6	P4
Manganese, Dissolved	**87.9**	ug/L	5.0	3.4	1	10/10/22 15:56	10/12/22 15:55	7439-96-5	P4
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**118**	mg/L	5.0	5.0	1		10/07/22 12:52		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.33**	mg/L	0.10	0.022	1		10/12/22 01:56	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**1.2**	mg/L	1.0	0.50	1		10/07/22 01:17	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**2.2**	mg/L	0.10	0.031	1		10/10/22 12:37	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/11/22 08:38		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**6.9**	mg/L	1.0	0.50	1		10/06/22 18:11	7440-44-0	
Total Organic Carbon	**6.8**	mg/L	1.0	0.50	1		10/06/22 18:11	7440-44-0	
Total Organic Carbon	**7.0**	mg/L	1.0	0.50	1		10/06/22 18:11	7440-44-0	
Total Organic Carbon	**7.0**	mg/L	1.0	0.50	1		10/06/22 18:11	7440-44-0	
Mean Total Organic Carbon	**6.9**	mg/L	1.0	0.50	1		10/06/22 18:11	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-43BR-20221005 **Lab ID: 92629530002** Collected: 10/05/22 08:55 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**105**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-29S-20221005 **Lab ID: 92629530003** Collected: 10/05/22 09:40 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**216**	ug/L	10.0	2.91	1	10/12/22 12:35	10/12/22 12:35	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:35	10/12/22 12:35	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:35	10/12/22 12:35	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**17100**	ug/L	50.0	41.5	1	10/07/22 14:18	10/08/22 13:48	7439-89-6	
Manganese	**835**	ug/L	5.0	3.4	1	10/07/22 14:18	10/08/22 13:48	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**14000**	ug/L	50.0	41.5	1	10/10/22 15:56	10/12/22 15:58	7439-89-6	P4
Manganese, Dissolved	**873**	ug/L	5.0	3.4	1	10/10/22 15:56	10/12/22 15:58	7439-96-5	P4
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**295**	mg/L	5.0	5.0	1		10/07/22 15:02		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/12/22 01:57	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**19.9**	mg/L	1.0	0.50	1		10/07/22 01:33	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**2.7**	mg/L	0.10	0.031	1		10/10/22 12:38	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.037J**	mg/L	0.040	0.017	1		10/11/22 08:39		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**5.8**	mg/L	1.0	0.50	1		10/06/22 19:07	7440-44-0	
Total Organic Carbon	**5.9**	mg/L	1.0	0.50	1		10/06/22 19:07	7440-44-0	
Total Organic Carbon	**6.1**	mg/L	1.0	0.50	1		10/06/22 19:07	7440-44-0	
Total Organic Carbon	**6.1**	mg/L	1.0	0.50	1		10/06/22 19:07	7440-44-0	
Mean Total Organic Carbon	**5.9**	mg/L	1.0	0.50	1		10/06/22 19:07	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-29S-20221005 **Lab ID: 92629530003** Collected: 10/05/22 09:40 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**313**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-29TZ-20221005 **Lab ID: 92629530004** Collected: 10/05/22 10:10 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**4160**	ug/L	10.0	2.91	1	10/12/22 12:38	10/12/22 12:38	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/12/22 12:38	10/12/22 12:38	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:38	10/12/22 12:38	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**17200**	ug/L	50.0	41.5	1	10/07/22 14:18	10/08/22 13:52	7439-89-6	
Manganese	**142**	ug/L	5.0	3.4	1	10/07/22 14:18	10/08/22 13:52	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**14100**	ug/L	50.0	41.5	1	10/10/22 15:56	10/12/22 16:02	7439-89-6	P4
Manganese, Dissolved	**144**	ug/L	5.0	3.4	1	10/10/22 15:56	10/12/22 16:02	7439-96-5	P4
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**160**	mg/L	5.0	5.0	1		10/07/22 13:11		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/12/22 01:57	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	ND	mg/L	1.0	0.50	1		10/07/22 01:49	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.18**	mg/L	0.10	0.031	1		10/10/22 12:40	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.044**	mg/L	0.040	0.017	1		10/11/22 08:40		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**7.1**	mg/L	1.0	0.50	1		10/06/22 19:25	7440-44-0	
Total Organic Carbon	**6.9**	mg/L	1.0	0.50	1		10/06/22 19:25	7440-44-0	
Total Organic Carbon	**7.0**	mg/L	1.0	0.50	1		10/06/22 19:25	7440-44-0	
Total Organic Carbon	**7.1**	mg/L	1.0	0.50	1		10/06/22 19:25	7440-44-0	
Mean Total Organic Carbon	**7.0**	mg/L	1.0	0.50	1		10/06/22 19:25	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-29TZ-20221005 **Lab ID: 92629530004** Collected: 10/05/22 10:10 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**226**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-29BR-20221005 **Lab ID: 92629530005** Collected: 10/05/22 10:40 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**4320**	ug/L	10.0	2.91	1	10/12/22 12:41	10/12/22 12:41	74-82-8	
Ethane	**15.6**	ug/L	13.0	4.07	1	10/12/22 12:41	10/12/22 12:41	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/12/22 12:41	10/12/22 12:41	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	ND	ug/L	50.0	41.5	1	10/07/22 14:18	10/08/22 13:55	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	10/07/22 14:18	10/08/22 13:55	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/10/22 15:56	10/11/22 15:27	7439-89-6	P4
Manganese, Dissolved	**28.4**	ug/L	5.0	3.4	1	10/10/22 15:56	10/11/22 15:27	7439-96-5	P4
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**161**	mg/L	5.0	5.0	1		10/07/22 13:22		M1
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	**0.031J**	mg/L	0.10	0.022	1		10/12/22 01:57	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	ND	mg/L	1.0	0.50	1		10/07/22 02:05	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	ND	mg/L	0.10	0.031	1		10/10/22 12:41	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	ND	mg/L	0.040	0.017	1		10/11/22 08:41		
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**1.4**	mg/L	1.0	0.50	1		10/06/22 19:42	7440-44-0	
Total Organic Carbon	**1.1**	mg/L	1.0	0.50	1		10/06/22 19:42	7440-44-0	
Total Organic Carbon	**1.0**	mg/L	1.0	0.50	1		10/06/22 19:42	7440-44-0	
Total Organic Carbon	**0.94J**	mg/L	1.0	0.50	1		10/06/22 19:42	7440-44-0	
Mean Total Organic Carbon	**1.1**	mg/L	1.0	0.50	1		10/06/22 19:42	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Sample: MW-29BR-20221005 **Lab ID: 92629530005** Collected: 10/05/22 10:40 Received: 10/05/22 14:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**132**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 1941234
QC Batch Method: RSK175
Analysis Method: RSK-175
Analysis Description: VOA (GC) RSK175
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: R3847601-2 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methane	ug/L	ND	10.0	2.91	10/12/22 11:17	
Ethane	ug/L	ND	13.0	4.07	10/12/22 11:17	
Ethene	ug/L	ND	13.0	4.26	10/12/22 11:17	

LABORATORY CONTROL SAMPLE & LCSD: R3847601-1 R3847601-5

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	67.8	64.3	62.4	94.8	92.0	85.0-115	3.00	20	
Ethane	ug/L	129	113	112	87.6	86.8	85.0-115	0.889	20	
Ethene	ug/L	127	115	114	90.6	89.8	85.0-115	0.873	20	

SAMPLE DUPLICATE: R3847601-3

Parameter	Units	L1544011-01 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

SAMPLE DUPLICATE: R3847601-4

Parameter	Units	92629530001 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728762
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3795287 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	10/08/22 13:10	
Manganese	ug/L	ND	5.0	3.4	10/08/22 13:10	

LABORATORY CONTROL SAMPLE: 3795288

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4540	91	80-120	
Manganese	ug/L	500	472	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795289 3795290

Parameter	Units	92629530001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	3280	5000	5000	7690	7640	88	87	75-125	1	20	
Manganese	ug/L	162	500	500	615	624	91	92	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728680
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3794731 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	10/12/22 15:27	
Manganese, Dissolved	ug/L	ND	5.0	3.4	10/12/22 15:27	

LABORATORY CONTROL SAMPLE: 3794732

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4640	93	80-120	
Manganese, Dissolved	ug/L	500	482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794733 3794734

Parameter	Units	92629530001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	1800	5000	5000	6330	6390	91	92	75-125	1	20	
Manganese, Dissolved	ug/L	165	500	500	638	677	95	103	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728662
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3794670 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	10/07/22 11:15	

LABORATORY CONTROL SAMPLE: 3794671

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.5	101	80-120	

LABORATORY CONTROL SAMPLE: 3794672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794673 3794674

Parameter	Units	92629526001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	82.1	50	50	130	130	95	97	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794675 3794676

Parameter	Units	92629530005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	161	50	50	210	221	99	121	80-120	5	25	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 729527
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3798934 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	10/12/22 01:50	

LABORATORY CONTROL SAMPLE: 3798935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.50	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3798936 3798937

Parameter	Units	92629526001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.58	0.58	112	112	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3798938 3798939

Parameter	Units	92629596001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.56	0.61	106	116	80-120	8	10	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728364
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3792962 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	10/06/22 18:39	

LABORATORY CONTROL SAMPLE: 3792963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	48.3	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792964 3792965

Parameter	Units	92629193001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	631	50	50	666	663	70	64	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3792966 3792967

Parameter	Units	92629526005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	0.51J	50	50	50.5	50.3	100	100	90-110	0	10	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728993
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3796314 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	10/10/22 12:12	

LABORATORY CONTROL SAMPLE: 3796315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.2	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796316 3796317

Parameter	Units	92629855001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.4	5.4	108	108	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796320 3796321

Parameter	Units	92629855002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.3	5.3	106	105	90-110	0	10	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728978
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3796284 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	10/11/22 08:17	

LABORATORY CONTROL SAMPLE: 3796285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796286 3796287

Parameter	Units	92629855001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.5	2.5	101	102	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796288 3796289

Parameter	Units	92629855002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.5	2.5	99	99	90-110	0	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

QC Batch: 728419
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

METHOD BLANK: 3793273 Matrix: Water
Associated Lab Samples: 92629530001, 92629530002, 92629530003, 92629530004, 92629530005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/06/22 15:25	

LABORATORY CONTROL SAMPLE: 3793274

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	23.7	95	75-125	
Total Organic Carbon	mg/L	25	23.3	93	75-125	
Total Organic Carbon	mg/L	25	23.4	94	75-125	
Total Organic Carbon	mg/L	25	24.0	96	75-125	
Total Organic Carbon	mg/L	25	24.0	96	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3793275 3793276

Parameter	Units	92629399015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	0.98J	25	25	25.4	26.1	98	101	75-125	3	25	
Total Organic Carbon	mg/L	0.97J	25	25	25.2	25.7	97	99	75-125	2	25	
Total Organic Carbon	mg/L	1.0J	25	25	25.8	26.6	99	102	75-125	3	25	
Total Organic Carbon	mg/L	1.0J	25	25	25.2	26.1	97	100	75-125	4	25	
Total Organic Carbon	mg/L	0.94J	25	25	25.6	26.1	99	100	75-125	2	25	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92629530001	MW-39BR-20221005	RSK175	1941234	RSK-175	1941234
92629530002	MW-43BR-20221005	RSK175	1941234	RSK-175	1941234
92629530003	MW-29S-20221005	RSK175	1941234	RSK-175	1941234
92629530004	MW-29TZ-20221005	RSK175	1941234	RSK-175	1941234
92629530005	MW-29BR-20221005	RSK175	1941234	RSK-175	1941234
92629530001	MW-39BR-20221005	EPA 3010A	728762	EPA 6010D	728809
92629530002	MW-43BR-20221005	EPA 3010A	728762	EPA 6010D	728809
92629530003	MW-29S-20221005	EPA 3010A	728762	EPA 6010D	728809
92629530004	MW-29TZ-20221005	EPA 3010A	728762	EPA 6010D	728809
92629530005	MW-29BR-20221005	EPA 3010A	728762	EPA 6010D	728809
92629530001	MW-39BR-20221005	EPA 3010A	728680	EPA 6010D	729164
92629530002	MW-43BR-20221005	EPA 3010A	728680	EPA 6010D	729164
92629530003	MW-29S-20221005	EPA 3010A	728680	EPA 6010D	729164
92629530004	MW-29TZ-20221005	EPA 3010A	728680	EPA 6010D	729164
92629530005	MW-29BR-20221005	EPA 3010A	728680	EPA 6010D	729164
92629530001	MW-39BR-20221005	SM 2320B-2011	728662		
92629530002	MW-43BR-20221005	SM 2320B-2011	728662		
92629530003	MW-29S-20221005	SM 2320B-2011	728662		
92629530004	MW-29TZ-20221005	SM 2320B-2011	728662		
92629530005	MW-29BR-20221005	SM 2320B-2011	728662		
92629530001	MW-39BR-20221005	SM 4500-S2D-2011	729527		
92629530002	MW-43BR-20221005	SM 4500-S2D-2011	729527		
92629530003	MW-29S-20221005	SM 4500-S2D-2011	729527		
92629530004	MW-29TZ-20221005	SM 4500-S2D-2011	729527		
92629530005	MW-29BR-20221005	SM 4500-S2D-2011	729527		
92629530001	MW-39BR-20221005	EPA 300.0 Rev 2.1 1993	728364		
92629530002	MW-43BR-20221005	EPA 300.0 Rev 2.1 1993	728364		
92629530003	MW-29S-20221005	EPA 300.0 Rev 2.1 1993	728364		
92629530004	MW-29TZ-20221005	EPA 300.0 Rev 2.1 1993	728364		
92629530005	MW-29BR-20221005	EPA 300.0 Rev 2.1 1993	728364		
92629530001	MW-39BR-20221005	EPA 350.1 Rev 2.0 1993	728993		
92629530002	MW-43BR-20221005	EPA 350.1 Rev 2.0 1993	728993		
92629530003	MW-29S-20221005	EPA 350.1 Rev 2.0 1993	728993		
92629530004	MW-29TZ-20221005	EPA 350.1 Rev 2.0 1993	728993		
92629530005	MW-29BR-20221005	EPA 350.1 Rev 2.0 1993	728993		
92629530001	MW-39BR-20221005	EPA 353.2 Rev 2.0 1993	728978		
92629530002	MW-43BR-20221005	EPA 353.2 Rev 2.0 1993	728978		
92629530003	MW-29S-20221005	EPA 353.2 Rev 2.0 1993	728978		
92629530004	MW-29TZ-20221005	EPA 353.2 Rev 2.0 1993	728978		
92629530005	MW-29BR-20221005	EPA 353.2 Rev 2.0 1993	728978		
92629530001	MW-39BR-20221005	EPA 9060A	728419		
92629530002	MW-43BR-20221005	EPA 9060A	728419		
92629530003	MW-29S-20221005	EPA 9060A	728419		
92629530004	MW-29TZ-20221005	EPA 9060A	728419		
92629530005	MW-29BR-20221005	EPA 9060A	728419		

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: Frmr Bramlette MGP J22100194
Pace Project No.: 92629530

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92629530001	**MW-39BR-20221005**	SM 4500-CO2 D-2011	729219		
92629530002	**MW-43BR-20221005**	SM 4500-CO2 D-2011	729219		
92629530003	**MW-29S-20221005**	SM 4500-CO2 D-2011	729219		
92629530004	**MW-29TZ-20221005**	SM 4500-CO2 D-2011	729219		
92629530005	**MW-29BR-20221005**	SM 4500-CO2 D-2011	729219		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

WO# : 92629530

92629530

ALL SHADED AR

Company: GeoSyntec	Billing Information:
Address:	
Report To: Michael Martin	Email To: MMartin@GeoSyntec.com
Copy To:	Site Collection Info/Address: Former Bramlett MGP Site
Customer Project Name/Number:	State: SC / County/City: / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): John Trotter	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns
MW-39BR-20221005	GW	G	10-5-22	0810				
MW-43BR-20221005				0855				
MW-29S-20221005				0940				
MW-29TZ-20221005				1010				
MW-29BR-20221005	↓	↓	↓	1040				

Analyses: NO2 / NO3 / UH3 | Sulfate / Alkalinity / Sulfide | RSK-175 Meth | TOC (Total Organic Carbon) | 200.7 Fe (MV) | 200.7 Fe (MV) Dissolved Fe (MV) | CO2

Container Preservative Type **: 2

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfa (C) ammonium hydroxide, (D) TSP, (O) Unpreserved, (O) Other

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N NA
Custody Signatures Present	Y	N NA
Collector Signature Present	Y	N NA
Bottles Intact	Y	N NA
Correct Bottles	Y	N NA
Sufficient Volume	Y	N NA
Samples Received on Ice	Y	N NA
VOA - Headspace Acceptable	Y	N NA
USDA Regulated Soils	Y	N NA
Samples in Holding Time	Y	N NA
Residual Chlorine Present	Y	N NA
Cl Strips: 702		
Sample pH Acceptable	Y	N NA
pH Strips: 225198V		
Sulfide Present	Y	N NA
Lead Acetate Strips: 216071V		

LAB USE ONLY:
Lab Sample # / Comments

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 270939

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 43102
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 2.0 oC
Comments:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	10-5-22 1158		10-5-22 1458
Relinquished by/Company: (Signature)			10-6 0820
Relinquished by/Company: (Signature)	10-5-22 1605		10/5/22 16:05

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Pace Analytical Services	DC#_Title: ENV-FRM-HUN1-0083 v01_Sample Condition Upon Receipt
	Effective Date: 05/12/2022

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project **WO# : 92629530**

PM: NMG Due Date: 10/12/22

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-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 Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG8S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		2			1 1	2 2										3			3									
2		2			1 1	2 2										3			3									
3		2			1 1	2 2										3			3									
4		2			1 1	2 2										3			3									
5		2			1 1	2 1										3			3									
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 17, 2022

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on October 05, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Andrew Brey, Geosyntec
Michael L. Martin, GeoSyntec Consultants, Inc.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92629875001	MW-18-20221004	Water	10/04/22 09:20	10/05/22 16:05
92629875002	MW-30S-20221004	Water	10/04/22 09:20	10/05/22 16:05
92629875003	MW-30TZ-20221004	Water	10/04/22 09:55	10/05/22 16:05
92629875004	MW-25R-20221004	Water	10/04/22 11:40	10/05/22 16:05
92629875005	MW-44TZ-20221004	Water	10/04/22 12:55	10/05/22 16:05
92629875006	MW-2BR-20221004	Water	10/04/22 13:00	10/05/22 16:05
92629875007	MW-2TZ-20221004	Water	10/04/22 11:50	10/05/22 16:05
92629875008	EB-3-20221004	Water	10/04/22 15:00	10/05/22 16:05
92629875009	DUP-03-20221004	Water	10/04/22 20:00	10/05/22 16:05
92629875010	DUP-04-20221004	Water	10/04/22 20:00	10/05/22 16:05
92629875011	TB-10-20221004	Water	10/04/22 00:00	10/05/22 16:05
92629875012	TB-11-20221004	Water	10/04/22 00:00	10/05/22 16:05
92629875013	MW-31S-20221003	Water	10/03/22 16:20	10/05/22 16:05
92629875014	MW-44BR-20221004	Water	10/03/22 13:55	10/05/22 16:05
92629875015	MW-31TZ-20221003	Water	10/03/22 16:30	10/05/22 16:05

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92629875001	MW-18-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629875002	MW-30S-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629875003	MW-30TZ-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92629875004	MW-25R-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92629875005	MW-44TZ-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
92629875006	MW-2BR-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92629875007	MW-2TZ-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	LMB	62	PASI-C
92629875008	EB-3-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92629875009	DUP-03-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92629875010	DUP-04-20221004	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92629875011	TB-10-20221004	EPA 8260D	CL	62	PASI-C
92629875012	TB-11-20221004	EPA 8260D	CL	62	PASI-C
92629875013	MW-31S-20221003	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92629875014	MW-44BR-20221004	RSK-175	JAP	3	PAN
		EPA 6010D	RDT	2	PASI-A

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	SBW	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A
92629875015	**MW-31TZ-20221003**	RSK-175	JAP	3	PAN
		EPA 6010D	RDT	2	PASI-A
		EPA 6010D	SBW	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 2320B-2011	SMS	1	PASI-A
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		EPA 350.1 Rev 2.0 1993	ARJ	1	PASI-A
		EPA 353.2 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 9060A	MJP	5	PASI-A
		SM 4500-CO2 D-2011	MDW	1	PASI-A

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629875004	**MW-25R-20221004**					
EPA 8260D	Naphthalene	0.67J	ug/L	1.0	10/08/22 00:47	
92629875006	**MW-2BR-20221004**					
EPA 8270E	Acenaphthene	75.5	ug/L	10.0	10/11/22 17:51	
EPA 8270E	Acenaphthylene	3.6J	ug/L	10.0	10/11/22 17:51	
EPA 8270E	Dibenzofuran	3.2J	ug/L	10.0	10/11/22 17:51	
EPA 8270E	2,4-Dimethylphenol	20.1	ug/L	10.0	10/11/22 17:51	
EPA 8270E	Fluorene	11.4	ug/L	10.0	10/11/22 17:51	
EPA 8270E	1-Methylnaphthalene	123	ug/L	10.0	10/11/22 17:51	
EPA 8270E	2-Methylnaphthalene	111	ug/L	10.0	10/11/22 17:51	
EPA 8270E	2-Methylphenol(o-Cresol)	3.3J	ug/L	10.0	10/11/22 17:51	
EPA 8270E	Phenanthrene	8.4J	ug/L	10.0	10/11/22 17:51	
EPA 8270E	Phenol	3.4J	ug/L	10.0	10/11/22 17:51	
EPA 8260D	Benzene	767	ug/L	10.0	10/12/22 05:50	
EPA 8260D	Ethylbenzene	107	ug/L	10.0	10/12/22 05:50	
EPA 8260D	Naphthalene	1930	ug/L	10.0	10/12/22 05:50	
EPA 8260D	Toluene	15.1	ug/L	10.0	10/12/22 05:50	
EPA 8260D	Xylene (Total)	106	ug/L	10.0	10/12/22 05:50	
EPA 8260D	m&p-Xylene	60.1	ug/L	20.0	10/12/22 05:50	
EPA 8260D	o-Xylene	45.8	ug/L	10.0	10/12/22 05:50	
92629875007	**MW-2TZ-20221004**					
EPA 8270E	Acenaphthene	180	ug/L	50.0	10/12/22 10:20	
EPA 8270E	Anthracene	2.4J	ug/L	10.0	10/11/22 18:16	
EPA 8270E	Dibenzofuran	10.6	ug/L	10.0	10/11/22 18:16	
EPA 8270E	2,4-Dimethylphenol	15.6	ug/L	10.0	10/11/22 18:16	
EPA 8270E	Fluorene	37.4	ug/L	10.0	10/11/22 18:16	
EPA 8270E	1-Methylnaphthalene	391	ug/L	50.0	10/12/22 10:20	
EPA 8270E	2-Methylnaphthalene	522	ug/L	50.0	10/12/22 10:20	
EPA 8270E	Phenanthrene	23.2	ug/L	10.0	10/11/22 18:16	
EPA 8270E	Phenol	3.4J	ug/L	10.0	10/11/22 18:16	
EPA 8260D	Benzene	994	ug/L	25.0	10/12/22 15:59	
EPA 8260D	Ethylbenzene	281	ug/L	25.0	10/12/22 15:59	
EPA 8260D	Methylene Chloride	412	ug/L	125	10/12/22 15:59	B,C9,L1,v1
EPA 8260D	Naphthalene	3630	ug/L	25.0	10/12/22 15:59	
EPA 8260D	Toluene	12.3J	ug/L	25.0	10/12/22 15:59	
EPA 8260D	Xylene (Total)	86.9	ug/L	25.0	10/12/22 15:59	
EPA 8260D	m&p-Xylene	62.4	ug/L	50.0	10/12/22 15:59	
EPA 8260D	o-Xylene	24.5J	ug/L	25.0	10/12/22 15:59	
92629875010	**DUP-04-20221004**					
EPA 8270E	Acenaphthene	2.9J	ug/L	8.7	10/11/22 17:40	
92629875011	**TB-10-20221004**					
EPA 8260D	Acetone	45.0	ug/L	25.0	10/11/22 21:19	C0
EPA 8260D	Methylene Chloride	2.2J	ug/L	5.0	10/11/22 21:19	C9
92629875012	**TB-11-20221004**					
EPA 8260D	Acetone	45.2	ug/L	25.0	10/11/22 21:01	C0

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92629875013	**MW-31S-20221003**					
EPA 8270E	Acenaphthene	4.9J	ug/L	10.0	10/11/22 18:05	
92629875014	**MW-44BR-20221004**					
RSK-175	Methane	204	ug/L	10.0	10/13/22 12:43	
EPA 6010D	Iron	42.3J	ug/L	50.0	10/10/22 17:16	
EPA 6010D	Manganese	4.8J	ug/L	5.0	10/10/22 17:16	
SM 2320B-2011	Alkalinity, Total as CaCO3	87.6	mg/L	5.0	10/07/22 15:47	
EPA 300.0 Rev 2.1 1993	Sulfate	0.50J	mg/L	1.0	10/07/22 18:54	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.044J	mg/L	0.10	10/10/22 12:43	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.022J	mg/L	0.040	10/11/22 08:42	
EPA 9060A	Total Organic Carbon	0.86J	mg/L	1.0	10/10/22 16:57	
EPA 9060A	Total Organic Carbon	0.72J	mg/L	1.0	10/10/22 16:57	
EPA 9060A	Total Organic Carbon	0.72J	mg/L	1.0	10/10/22 16:57	
EPA 9060A	Total Organic Carbon	0.76J	mg/L	1.0	10/10/22 16:57	
EPA 9060A	Mean Total Organic Carbon	0.77J	mg/L	1.0	10/10/22 16:57	
SM 4500-CO2 D-2011	Carbon dioxide	61.5	mg/L	5.0	10/10/22 21:47	N2
92629875015	**MW-31TZ-20221003**					
RSK-175	Methane	19.9	ug/L	10.0	10/13/22 12:46	
EPA 6010D	Iron	7000	ug/L	50.0	10/10/22 17:37	
EPA 6010D	Manganese	5420	ug/L	5.0	10/10/22 17:37	
EPA 6010D	Iron, Dissolved	977	ug/L	50.0	10/14/22 13:35	P4
EPA 6010D	Manganese, Dissolved	4970	ug/L	5.0	10/14/22 13:35	P4
SM 2320B-2011	Alkalinity, Total as CaCO3	150	mg/L	5.0	10/07/22 16:10	
EPA 300.0 Rev 2.1 1993	Sulfate	7.8	mg/L	1.0	10/07/22 19:09	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	1.0	mg/L	0.10	10/10/22 12:47	
EPA 353.2 Rev 2.0 1993	Nitrogen, NO2 plus NO3	0.071	mg/L	0.040	10/11/22 08:43	
EPA 9060A	Total Organic Carbon	2.2	mg/L	1.0	10/10/22 17:54	
EPA 9060A	Total Organic Carbon	2.0	mg/L	1.0	10/10/22 17:54	
EPA 9060A	Total Organic Carbon	2.1	mg/L	1.0	10/10/22 17:54	
EPA 9060A	Total Organic Carbon	2.0	mg/L	1.0	10/10/22 17:54	
EPA 9060A	Mean Total Organic Carbon	2.1	mg/L	1.0	10/10/22 17:54	
SM 4500-CO2 D-2011	Carbon dioxide	226	mg/L	5.0	10/10/22 21:47	N2

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **RSK-175**
Description: VOA (GC) RSK175
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for RSK-175 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 6010D**
Description: 6010 MET ICP
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 6010D**
Description: 6010 MET ICP, Lab Filtered
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

P4: Sample field preservation does not meet EPA or method recommendations for this analysis.
- MW-31TZ-20221003 (Lab ID: 92629875015)
- MW-44BR-20221004 (Lab ID: 92629875014)

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 17, 2022

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 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 729070

S0: Surrogate recovery outside laboratory control limits.

- DUP-04-20221004 (Lab ID: 92629875010)
  - 2-Fluorobiphenyl (S)
  - 2-Fluorophenol (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 729070

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629875004

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3796754)
  - Hexachloroethane

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 17, 2022

QC Batch: 729070

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629875004

R1: RPD value was outside control limits.

- MSD (Lab ID: 3796755)
  - Hexachlorocyclopentadiene

Additional Comments:

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 17, 2022

General Information:
13 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: 728969

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- MW-2BR-20221004 (Lab ID: 92629875006)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)
- MW-2TZ-20221004 (Lab ID: 92629875007)
  - 2-Fluorobiphenyl (S)
  - Nitrobenzene-d5 (S)
  - Terphenyl-d14 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 17, 2022

Analyte Comments:

QC Batch: 728969

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MW-2BR-20221004 (Lab ID: 92629875006)
  - Nitrobenzene-d5 (S)
- MW-2TZ-20221004 (Lab ID: 92629875007)
  - Nitrobenzene-d5 (S)

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(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 17, 2022

General Information:
15 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 728686

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: 3794760)
  - Bromomethane
- MW-18-20221004 (Lab ID: 92629875001)
  - Bromomethane
- MW-30S-20221004 (Lab ID: 92629875002)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3794761)
  - Bromomethane
- MS (Lab ID: 3794762)
  - Bromomethane
- MSD (Lab ID: 3794763)
  - Bromomethane

QC Batch: 728852

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: 3795838)
  - Bromomethane
  - Trichlorofluoromethane
- MW-25R-20221004 (Lab ID: 92629875004)
  - Bromomethane
  - Trichlorofluoromethane
- MW-30TZ-20221004 (Lab ID: 92629875003)
  - Bromomethane
  - Trichlorofluoromethane
- MW-44BR-20221004 (Lab ID: 92629875014)
  - Bromomethane

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 17, 2022

QC Batch: 728852

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.

- Trichlorofluoromethane
- MW-44TZ-20221004 (Lab ID: 92629875005)
  - Bromomethane
  - Trichlorofluoromethane

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: 3795839)
  - Bromomethane
  - Trichlorofluoromethane
- MS (Lab ID: 3795840)
  - Chloromethane
  - Dichlorodifluoromethane
- MSD (Lab ID: 3795841)
  - Chloromethane
  - Dichlorodifluoromethane

QC Batch: 729115

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3796978)
  - Methylene Chloride
- MSD (Lab ID: 3796979)
  - Methylene Chloride
- MW-31S-20221003 (Lab ID: 92629875013)
  - Methylene Chloride

QC Batch: 729312

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3797897)
  - Chloroethane
  - Methylene Chloride
- MSD (Lab ID: 3797898)
  - Chloroethane
  - Methylene Chloride

QC Batch: 729350

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3798130)
  - Chloroethane
  - Methylene Chloride
- MSD (Lab ID: 3798131)
  - Chloroethane
  - Methylene Chloride

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 17, 2022

QC Batch: 729350

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: 3798128)
  - Bromomethane
  - Chloromethane
- TB-10-20221004 (Lab ID: 92629875011)
  - Bromomethane
  - Chloromethane
- TB-11-20221004 (Lab ID: 92629875012)
  - Bromomethane
  - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3798129)
  - Bromomethane
  - Chloromethane

QC Batch: 729490

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3798777)
  - Acetone
  - Methylene Chloride
- LCS (Lab ID: 3798778)
  - Acetone
  - Methylene Chloride
- MS (Lab ID: 3799631)
  - Acetone
  - Methylene Chloride
- MSD (Lab ID: 3799632)
  - Acetone
  - Methylene Chloride
- MW-2TZ-20221004 (Lab ID: 92629875007)
  - Acetone
  - Methylene Chloride

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3798777)
  - Bromomethane
- MW-2TZ-20221004 (Lab ID: 92629875007)
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3798778)
  - Bromomethane
- MS (Lab ID: 3799631)

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 17, 2022

QC Batch: 729490

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- Bromomethane
- MSD (Lab ID: 3799632)
  - Bromomethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 729490

B: Analyte was detected in the associated method blank.

- BLANK for HBN 729490 [MSV/8065 (Lab ID: 3798777)
  - Methylene Chloride

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 729490

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: 3798778)
  - Methylene Chloride

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 729490

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629466004

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3799631)
  - Chloromethane
- MSD (Lab ID: 3799632)
  - Chloromethane
  - Vinyl chloride

Additional Comments:

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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 17, 2022

Analyte Comments:

QC Batch: 729350

C0: Result confirmed by second analysis.
- TB-10-20221004 (Lab ID: 92629875011)
  - Acetone
- TB-11-20221004 (Lab ID: 92629875012)
  - Acetone

C9: Common Laboratory Contaminant.
- TB-10-20221004 (Lab ID: 92629875011)
  - Methylene Chloride

QC Batch: 729490

C9: Common Laboratory Contaminant.
- MW-2TZ-20221004 (Lab ID: 92629875007)
  - Methylene Chloride

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **SM 2320B-2011**
Description: 2320B Alkalinity
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **SM 4500-S2D-2011**
Description: 4500S2D Sulfide Water
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 728609

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629478029,92629596002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3794494)
  - Sulfide
- MSD (Lab ID: 3794495)
  - Sulfide

R1: RPD value was outside control limits.

- MSD (Lab ID: 3794493)
  - Sulfide

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 300.0 Rev 2.1 1993**
Description: 300.0 IC Anions 28 Days
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 728711

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92629764001,92629869003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3794952)
  - Sulfate

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 350.1 Rev 2.0 1993**
Description: 350.1 Ammonia
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for EPA 350.1 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 353.2 Rev 2.0 1993**
Description: 353.2 Nitrogen, NO2/NO3 pres.
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for EPA 353.2 Rev 2.0 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **EPA 9060A**
Description: Total Organic Carbon,Asheville
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for EPA 9060A by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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Huntersville, NC 28078
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PROJECT NARRATIVE

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Method: **SM 4500-CO2 D-2011**
Description: Carbon Dioxide Calculation
Client: Duke Energy
Date: October 17, 2022

General Information:
2 samples were analyzed for SM 4500-CO2 D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-18-20221004 **Lab ID: 92629875001** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 14:53	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 14:53	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 14:53	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/10/22 17:03	10/11/22 14:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 14:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 14:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 14:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 14:53	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/10/22 17:03	10/11/22 14:53	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/10/22 17:03	10/11/22 14:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 14:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/10/22 17:03	10/11/22 14:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/10/22 17:03	10/11/22 14:53	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/10/22 17:03	10/11/22 14:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 14:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 14:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 14:53	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 14:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 14:53	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 14:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 14:53	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 14:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/10/22 17:03	10/11/22 14:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 14:53	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 14:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 14:53	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 14:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 14:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/10/22 17:03	10/11/22 14:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/10/22 17:03	10/11/22 14:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 14:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 14:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/10/22 17:03	10/11/22 14:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/10/22 17:03	10/11/22 14:53	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 14:53	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 14:53	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 14:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 14:53	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 14:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 14:53	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 14:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 14:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 14:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 14:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/10/22 17:03	10/11/22 14:53	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-18-20221004 **Lab ID: 92629875001** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/10/22 17:03	10/11/22 14:53	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 14:53	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/10/22 17:03	10/11/22 14:53	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 14:53	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 14:53	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/10/22 17:03	10/11/22 14:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 14:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 14:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 14:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 14:53	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 14:53	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 14:53	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 14:53	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 14:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 14:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/10/22 17:03	10/11/22 14:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	46	%	10-144		1	10/10/22 17:03	10/11/22 14:53	4165-60-0	
2-Fluorobiphenyl (S)	34	%	10-130		1	10/10/22 17:03	10/11/22 14:53	321-60-8	
Terphenyl-d14 (S)	106	%	34-163		1	10/10/22 17:03	10/11/22 14:53	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	10/10/22 17:03	10/11/22 14:53	13127-88-3	
2-Fluorophenol (S)	36	%	10-130		1	10/10/22 17:03	10/11/22 14:53	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-144		1	10/10/22 17:03	10/11/22 14:53	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 20:56	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/09/22 19:22	10/10/22 20:56	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-194		1	10/09/22 19:22	10/10/22 20:56	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	10/09/22 19:22	10/10/22 20:56	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		10/07/22 21:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/07/22 21:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/07/22 21:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/07/22 21:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/07/22 21:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/07/22 21:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/07/22 21:25	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/07/22 21:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/07/22 21:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/07/22 21:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/07/22 21:25	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-18-20221004 **Lab ID: 92629875001** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/07/22 21:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/07/22 21:25	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/07/22 21:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/07/22 21:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/07/22 21:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/07/22 21:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/07/22 21:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/07/22 21:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/07/22 21:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/07/22 21:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/07/22 21:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/07/22 21:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/07/22 21:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/07/22 21:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/07/22 21:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/07/22 21:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/07/22 21:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/07/22 21:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/07/22 21:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/07/22 21:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/07/22 21:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/07/22 21:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/07/22 21:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/07/22 21:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/07/22 21:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/07/22 21:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/07/22 21:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/07/22 21:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/07/22 21:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/07/22 21:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/07/22 21:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/07/22 21:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/07/22 21:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/07/22 21:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/07/22 21:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/07/22 21:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/07/22 21:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/07/22 21:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/07/22 21:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/07/22 21:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/07/22 21:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/07/22 21:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/07/22 21:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/07/22 21:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/07/22 21:25	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-18-20221004 **Lab ID: 92629875001** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/07/22 21:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/07/22 21:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/07/22 21:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/07/22 21:25	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/07/22 21:25	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/07/22 21:25	2037-26-5	

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30S-20221004 **Lab ID: 92629875002** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 15:18	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 15:18	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 15:18	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/10/22 17:03	10/11/22 15:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 15:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 15:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 15:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 15:18	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/10/22 17:03	10/11/22 15:18	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/10/22 17:03	10/11/22 15:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 15:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/10/22 17:03	10/11/22 15:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/10/22 17:03	10/11/22 15:18	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/10/22 17:03	10/11/22 15:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 15:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 15:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 15:18	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 15:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 15:18	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 15:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 15:18	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 15:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/10/22 17:03	10/11/22 15:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 15:18	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 15:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 15:18	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 15:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 15:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/10/22 17:03	10/11/22 15:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/10/22 17:03	10/11/22 15:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 15:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 15:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/10/22 17:03	10/11/22 15:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/10/22 17:03	10/11/22 15:18	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 15:18	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 15:18	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 15:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 15:18	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 15:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 15:18	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 15:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 15:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 15:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 15:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/10/22 17:03	10/11/22 15:18	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30S-20221004 **Lab ID: 92629875002** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/10/22 17:03	10/11/22 15:18	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 15:18	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/10/22 17:03	10/11/22 15:18	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 15:18	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 15:18	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/10/22 17:03	10/11/22 15:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 15:18	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 15:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 15:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 15:18	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 15:18	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 15:18	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 15:18	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 15:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 15:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/10/22 17:03	10/11/22 15:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	10-144		1	10/10/22 17:03	10/11/22 15:18	4165-60-0	
2-Fluorobiphenyl (S)	49	%	10-130		1	10/10/22 17:03	10/11/22 15:18	321-60-8	
Terphenyl-d14 (S)	111	%	34-163		1	10/10/22 17:03	10/11/22 15:18	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	10/10/22 17:03	10/11/22 15:18	13127-88-3	
2-Fluorophenol (S)	45	%	10-130		1	10/10/22 17:03	10/11/22 15:18	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/10/22 17:03	10/11/22 15:18	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 21:18	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	103	%	69-194		1	10/09/22 19:22	10/10/22 21:18	4165-60-0	
2-Fluorobiphenyl (S)	88	%	61-194		1	10/09/22 19:22	10/10/22 21:18	321-60-8	
Terphenyl-d14 (S)	73	%	69-180		1	10/09/22 19:22	10/10/22 21:18	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/07/22 22:01	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/07/22 22:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/07/22 22:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/07/22 22:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/07/22 22:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/07/22 22:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/07/22 22:01	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/07/22 22:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/07/22 22:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/07/22 22:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/07/22 22:01	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30S-20221004 **Lab ID: 92629875002** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/07/22 22:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/07/22 22:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/07/22 22:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/07/22 22:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/07/22 22:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/07/22 22:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/07/22 22:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/07/22 22:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/07/22 22:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/07/22 22:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/07/22 22:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/07/22 22:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/07/22 22:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/07/22 22:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/07/22 22:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/07/22 22:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/07/22 22:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/07/22 22:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/07/22 22:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/07/22 22:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/07/22 22:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/07/22 22:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/07/22 22:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/07/22 22:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/07/22 22:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/07/22 22:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/07/22 22:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/07/22 22:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/07/22 22:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/07/22 22:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/07/22 22:01	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/07/22 22:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/07/22 22:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/07/22 22:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/07/22 22:01	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/07/22 22:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/07/22 22:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/07/22 22:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/07/22 22:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/07/22 22:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/07/22 22:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/07/22 22:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/07/22 22:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/07/22 22:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/07/22 22:01	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30S-20221004 **Lab ID: 92629875002** Collected: 10/04/22 09:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/07/22 22:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/07/22 22:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/07/22 22:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/07/22 22:01	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/07/22 22:01	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/07/22 22:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30TZ-20221004 **Lab ID: 92629875003** Collected: 10/04/22 09:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 15:44	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 15:44	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 15:44	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/10/22 17:03	10/11/22 15:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/10/22 17:03	10/11/22 15:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/10/22 17:03	10/11/22 15:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/10/22 17:03	10/11/22 15:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/10/22 17:03	10/11/22 15:44	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/10/22 17:03	10/11/22 15:44	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/10/22 17:03	10/11/22 15:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 15:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/10/22 17:03	10/11/22 15:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/10/22 17:03	10/11/22 15:44	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/10/22 17:03	10/11/22 15:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 15:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 15:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 15:44	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/10/22 17:03	10/11/22 15:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 15:44	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/10/22 17:03	10/11/22 15:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/10/22 17:03	10/11/22 15:44	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 15:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/10/22 17:03	10/11/22 15:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 15:44	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 15:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 15:44	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 15:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 15:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/10/22 17:03	10/11/22 15:44	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/10/22 17:03	10/11/22 15:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 15:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 15:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/10/22 17:03	10/11/22 15:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/10/22 17:03	10/11/22 15:44	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 15:44	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 15:44	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 15:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/10/22 17:03	10/11/22 15:44	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 15:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/10/22 17:03	10/11/22 15:44	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 15:44	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 15:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 15:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 15:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/10/22 17:03	10/11/22 15:44	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30TZ-20221004 **Lab ID: 92629875003** Collected: 10/04/22 09:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/10/22 17:03	10/11/22 15:44	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/10/22 17:03	10/11/22 15:44	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/10/22 17:03	10/11/22 15:44	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 15:44	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 15:44	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/10/22 17:03	10/11/22 15:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 15:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/10/22 17:03	10/11/22 15:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/10/22 17:03	10/11/22 15:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/10/22 17:03	10/11/22 15:44	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/10/22 17:03	10/11/22 15:44	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 15:44	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/10/22 17:03	10/11/22 15:44	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 15:44	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 15:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/10/22 17:03	10/11/22 15:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	10-144		1	10/10/22 17:03	10/11/22 15:44	4165-60-0	
2-Fluorobiphenyl (S)	34	%	10-130		1	10/10/22 17:03	10/11/22 15:44	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	10/10/22 17:03	10/11/22 15:44	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	10/10/22 17:03	10/11/22 15:44	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	10/10/22 17:03	10/11/22 15:44	367-12-4	
2,4,6-Tribromophenol (S)	73	%	10-144		1	10/10/22 17:03	10/11/22 15:44	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 21:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	69-194		1	10/09/22 19:22	10/10/22 21:40	4165-60-0	
2-Fluorobiphenyl (S)	93	%	61-194		1	10/09/22 19:22	10/10/22 21:40	321-60-8	
Terphenyl-d14 (S)	75	%	69-180		1	10/09/22 19:22	10/10/22 21:40	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/08/22 00:28	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/08/22 00:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/08/22 00:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/08/22 00:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/08/22 00:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/08/22 00:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/08/22 00:28	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/08/22 00:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/08/22 00:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/08/22 00:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/08/22 00:28	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30TZ-20221004 **Lab ID: 92629875003** Collected: 10/04/22 09:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/08/22 00:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/08/22 00:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 00:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 00:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/08/22 00:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/08/22 00:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/08/22 00:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 00:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 00:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/08/22 00:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/08/22 00:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/08/22 00:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 00:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/08/22 00:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 00:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/08/22 00:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/08/22 00:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/08/22 00:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/08/22 00:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/08/22 00:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 00:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 00:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/08/22 00:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/08/22 00:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/08/22 00:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/08/22 00:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/08/22 00:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/08/22 00:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/08/22 00:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/08/22 00:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/08/22 00:28	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/08/22 00:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/08/22 00:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/22 00:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/08/22 00:28	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/08/22 00:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/08/22 00:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/08/22 00:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/08/22 00:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 00:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 00:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/08/22 00:28	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/08/22 00:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/08/22 00:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/08/22 00:28	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-30TZ-20221004 **Lab ID: 92629875003** Collected: 10/04/22 09:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/08/22 00:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/08/22 00:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/08/22 00:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/08/22 00:28	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/08/22 00:28	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/22 00:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-25R-20221004 **Lab ID: 92629875004** Collected: 10/04/22 11:40 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 16:09	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 16:09	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 16:09	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/10/22 17:03	10/11/22 16:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/10/22 17:03	10/11/22 16:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/10/22 17:03	10/11/22 16:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/10/22 17:03	10/11/22 16:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/10/22 17:03	10/11/22 16:09	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/10/22 17:03	10/11/22 16:09	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/10/22 17:03	10/11/22 16:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 16:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/10/22 17:03	10/11/22 16:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/10/22 17:03	10/11/22 16:09	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/10/22 17:03	10/11/22 16:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 16:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 16:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 16:09	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/10/22 17:03	10/11/22 16:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 16:09	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/10/22 17:03	10/11/22 16:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/10/22 17:03	10/11/22 16:09	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 16:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/10/22 17:03	10/11/22 16:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 16:09	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 16:09	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 16:09	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 16:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 16:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/10/22 17:03	10/11/22 16:09	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/10/22 17:03	10/11/22 16:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 16:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 16:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/10/22 17:03	10/11/22 16:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/10/22 17:03	10/11/22 16:09	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 16:09	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 16:09	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 16:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/10/22 17:03	10/11/22 16:09	77-47-4	R1
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 16:09	67-72-1	M1
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/10/22 17:03	10/11/22 16:09	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 16:09	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 16:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 16:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 16:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/10/22 17:03	10/11/22 16:09	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-25R-20221004 **Lab ID: 92629875004** Collected: 10/04/22 11:40 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/10/22 17:03	10/11/22 16:09	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/10/22 17:03	10/11/22 16:09	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/10/22 17:03	10/11/22 16:09	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 16:09	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 16:09	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/10/22 17:03	10/11/22 16:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 16:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/10/22 17:03	10/11/22 16:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/10/22 17:03	10/11/22 16:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/10/22 17:03	10/11/22 16:09	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/10/22 17:03	10/11/22 16:09	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 16:09	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/10/22 17:03	10/11/22 16:09	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 16:09	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 16:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/10/22 17:03	10/11/22 16:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	47	%	10-144		1	10/10/22 17:03	10/11/22 16:09	4165-60-0	
2-Fluorobiphenyl (S)	42	%	10-130		1	10/10/22 17:03	10/11/22 16:09	321-60-8	
Terphenyl-d14 (S)	102	%	34-163		1	10/10/22 17:03	10/11/22 16:09	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	10/10/22 17:03	10/11/22 16:09	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	10/10/22 17:03	10/11/22 16:09	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/10/22 17:03	10/11/22 16:09	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 16:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	123	%	69-194		1	10/09/22 19:22	10/10/22 16:35	4165-60-0	
2-Fluorobiphenyl (S)	90	%	61-194		1	10/09/22 19:22	10/10/22 16:35	321-60-8	
Terphenyl-d14 (S)	83	%	69-180		1	10/09/22 19:22	10/10/22 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		10/08/22 00:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/08/22 00:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/08/22 00:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/08/22 00:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/08/22 00:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/08/22 00:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/08/22 00:47	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/08/22 00:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/08/22 00:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/08/22 00:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/08/22 00:47	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-25R-20221004 **Lab ID: 92629875004** Collected: 10/04/22 11:40 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/08/22 00:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/08/22 00:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 00:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 00:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/08/22 00:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/08/22 00:47	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/08/22 00:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 00:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 00:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/08/22 00:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/08/22 00:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/08/22 00:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 00:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/08/22 00:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 00:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/08/22 00:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/08/22 00:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/08/22 00:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/08/22 00:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/08/22 00:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 00:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 00:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/08/22 00:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/08/22 00:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/08/22 00:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/08/22 00:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/08/22 00:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/08/22 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/08/22 00:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/08/22 00:47	1634-04-4	
Naphthalene	**0.67J**	ug/L	1.0	0.64	1		10/08/22 00:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/08/22 00:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/08/22 00:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/22 00:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/08/22 00:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/08/22 00:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/08/22 00:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/08/22 00:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/08/22 00:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 00:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 00:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/08/22 00:47	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/08/22 00:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/08/22 00:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/08/22 00:47	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-25R-20221004 **Lab ID: 92629875004** Collected: 10/04/22 11:40 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/08/22 00:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/08/22 00:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/08/22 00:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/08/22 00:47	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		10/08/22 00:47	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/22 00:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44TZ-20221004 **Lab ID: 92629875005** Collected: 10/04/22 12:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 17:26	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 17:26	208-96-8	
Aniline	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 17:26	62-53-3	
Anthracene	ND	ug/L	9.1	2.1	1	10/10/22 17:03	10/11/22 17:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.1	2.4	1	10/10/22 17:03	10/11/22 17:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	9.1	2.4	1	10/10/22 17:03	10/11/22 17:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	2.6	1	10/10/22 17:03	10/11/22 17:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	2.5	1	10/10/22 17:03	10/11/22 17:26	207-08-9	
Benzoic Acid	ND	ug/L	45.5	20.0	1	10/10/22 17:03	10/11/22 17:26	65-85-0	
Benzyl alcohol	ND	ug/L	18.2	2.6	1	10/10/22 17:03	10/11/22 17:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 17:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	2.9	1	10/10/22 17:03	10/11/22 17:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	9.1	3.0	1	10/10/22 17:03	10/11/22 17:26	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	3.3	1	10/10/22 17:03	10/11/22 17:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 17:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 17:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 17:26	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1.1	1	10/10/22 17:03	10/11/22 17:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 17:26	7005-72-3	
Chrysene	ND	ug/L	9.1	2.5	1	10/10/22 17:03	10/11/22 17:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	2.7	1	10/10/22 17:03	10/11/22 17:26	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 17:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	7.4	1	10/10/22 17:03	10/11/22 17:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 17:26	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 17:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 17:26	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 17:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 17:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	7.1	1	10/10/22 17:03	10/11/22 17:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	45.5	23.6	1	10/10/22 17:03	10/11/22 17:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 17:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1.6	1	10/10/22 17:03	10/11/22 17:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	3.6	1	10/10/22 17:03	10/11/22 17:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	3.4	1	10/10/22 17:03	10/11/22 17:26	117-81-7	
Fluoranthene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 17:26	206-44-0	
Fluorene	ND	ug/L	9.1	1.9	1	10/10/22 17:03	10/11/22 17:26	86-73-7	
Hexachlorobenzene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 17:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1.4	1	10/10/22 17:03	10/11/22 17:26	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 17:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	2.6	1	10/10/22 17:03	10/11/22 17:26	193-39-5	
Isophorone	ND	ug/L	9.1	1.5	1	10/10/22 17:03	10/11/22 17:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 17:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 17:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 17:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1.1	1	10/10/22 17:03	10/11/22 17:26	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44TZ-20221004 **Lab ID: 92629875005** Collected: 10/04/22 12:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	18.2	2.7	1	10/10/22 17:03	10/11/22 17:26	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	3.4	1	10/10/22 17:03	10/11/22 17:26	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	4.6	1	10/10/22 17:03	10/11/22 17:26	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 17:26	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 17:26	88-75-5	
4-Nitrophenol	ND	ug/L	45.5	6.0	1	10/10/22 17:03	10/11/22 17:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	9.1	1.7	1	10/10/22 17:03	10/11/22 17:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1.2	1	10/10/22 17:03	10/11/22 17:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	2.7	1	10/10/22 17:03	10/11/22 17:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1.0	1	10/10/22 17:03	10/11/22 17:26	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	3.4	1	10/10/22 17:03	10/11/22 17:26	87-86-5	
Phenanthrene	ND	ug/L	9.1	1.8	1	10/10/22 17:03	10/11/22 17:26	85-01-8	
Phenol	ND	ug/L	9.1	1.2	1	10/10/22 17:03	10/11/22 17:26	108-95-2	
Pyrene	ND	ug/L	9.1	2.0	1	10/10/22 17:03	10/11/22 17:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	9.1	1.3	1	10/10/22 17:03	10/11/22 17:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1.4	1	10/10/22 17:03	10/11/22 17:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-144		1	10/10/22 17:03	10/11/22 17:26	4165-60-0	
2-Fluorobiphenyl (S)	27	%	10-130		1	10/10/22 17:03	10/11/22 17:26	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	10/10/22 17:03	10/11/22 17:26	1718-51-0	
Phenol-d6 (S)	23	%	10-130		1	10/10/22 17:03	10/11/22 17:26	13127-88-3	
2-Fluorophenol (S)	29	%	10-130		1	10/10/22 17:03	10/11/22 17:26	367-12-4	
2,4,6-Tribromophenol (S)	58	%	10-144		1	10/10/22 17:03	10/11/22 17:26	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	10/09/22 19:22	10/10/22 22:02	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	93	%	69-194		1	10/09/22 19:22	10/10/22 22:02	4165-60-0	
2-Fluorobiphenyl (S)	89	%	61-194		1	10/09/22 19:22	10/10/22 22:02	321-60-8	
Terphenyl-d14 (S)	75	%	69-180		1	10/09/22 19:22	10/10/22 22:02	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/08/22 01:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/08/22 01:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/08/22 01:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/08/22 01:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/08/22 01:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/08/22 01:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/08/22 01:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/08/22 01:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/08/22 01:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/08/22 01:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/08/22 01:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44TZ-20221004 **Lab ID: 92629875005** Collected: 10/04/22 12:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/08/22 01:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/08/22 01:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 01:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 01:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/08/22 01:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/08/22 01:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/08/22 01:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 01:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 01:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/08/22 01:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/08/22 01:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/08/22 01:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 01:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/08/22 01:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 01:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/08/22 01:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/08/22 01:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/08/22 01:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/08/22 01:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/08/22 01:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 01:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 01:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/08/22 01:06	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/08/22 01:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/08/22 01:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/08/22 01:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/08/22 01:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/08/22 01:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/08/22 01:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/08/22 01:06	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/08/22 01:06	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/08/22 01:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/08/22 01:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/22 01:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/08/22 01:06	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/08/22 01:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/08/22 01:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/08/22 01:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/08/22 01:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 01:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 01:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/08/22 01:06	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/08/22 01:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/08/22 01:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/08/22 01:06	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44TZ-20221004 **Lab ID: 92629875005** Collected: 10/04/22 12:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/08/22 01:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/08/22 01:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/08/22 01:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/08/22 01:06	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/08/22 01:06	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/22 01:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2BR-20221004 **Lab ID: 92629875006** Collected: 10/04/22 13:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**75.5**	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 17:51	83-32-9	
Acenaphthylene	**3.6J**	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 17:51	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 17:51	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/10/22 17:03	10/11/22 17:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/10/22 17:03	10/11/22 17:51	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/10/22 17:03	10/11/22 17:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/10/22 17:03	10/11/22 17:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/10/22 17:03	10/11/22 17:51	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/10/22 17:03	10/11/22 17:51	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/10/22 17:03	10/11/22 17:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/10/22 17:03	10/11/22 17:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/10/22 17:03	10/11/22 17:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/10/22 17:03	10/11/22 17:51	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/10/22 17:03	10/11/22 17:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/10/22 17:03	10/11/22 17:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 17:51	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 17:51	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 17:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 17:51	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/10/22 17:03	10/11/22 17:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/10/22 17:03	10/11/22 17:51	53-70-3	
Dibenzofuran	**3.2J**	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 17:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/10/22 17:03	10/11/22 17:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 17:51	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 17:51	84-66-2	
2,4-Dimethylphenol	**20.1**	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 17:51	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 17:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 17:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/10/22 17:03	10/11/22 17:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/10/22 17:03	10/11/22 17:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 17:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 17:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/10/22 17:03	10/11/22 17:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/10/22 17:03	10/11/22 17:51	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 17:51	206-44-0	
Fluorene	**11.4**	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 17:51	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 17:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 17:51	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 17:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/10/22 17:03	10/11/22 17:51	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 17:51	78-59-1	
1-Methylnaphthalene	**123**	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 17:51	90-12-0	
2-Methylnaphthalene	**111**	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 17:51	91-57-6	
2-Methylphenol(o-Cresol)	**3.3J**	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 17:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 17:51	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2BR-20221004 **Lab ID: 92629875006** Collected: 10/04/22 13:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/10/22 17:03	10/11/22 17:51	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/10/22 17:03	10/11/22 17:51	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/10/22 17:03	10/11/22 17:51	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 17:51	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 17:51	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/10/22 17:03	10/11/22 17:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 17:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/10/22 17:03	10/11/22 17:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/10/22 17:03	10/11/22 17:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 17:51	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/10/22 17:03	10/11/22 17:51	87-86-5	
Phenanthrene	**8.4J**	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 17:51	85-01-8	
Phenol	**3.4J**	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 17:51	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 17:51	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 17:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 17:51	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	10-144		1	10/10/22 17:03	10/11/22 17:51	4165-60-0	
2-Fluorobiphenyl (S)	41	%	10-130		1	10/10/22 17:03	10/11/22 17:51	321-60-8	
Terphenyl-d14 (S)	98	%	34-163		1	10/10/22 17:03	10/11/22 17:51	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	10/10/22 17:03	10/11/22 17:51	13127-88-3	
2-Fluorophenol (S)	42	%	10-130		1	10/10/22 17:03	10/11/22 17:51	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		1	10/10/22 17:03	10/11/22 17:51	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/09/22 19:22	10/12/22 11:32	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/09/22 19:22	10/12/22 11:32	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/09/22 19:22	10/12/22 11:32	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/09/22 19:22	10/12/22 11:32	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	250	51.1	10		10/12/22 05:50	67-64-1	
Benzene	**767**	ug/L	10.0	3.4	10		10/12/22 05:50	71-43-2	
Bromobenzene	ND	ug/L	10.0	2.9	10		10/12/22 05:50	108-86-1	
Bromochloromethane	ND	ug/L	10.0	4.7	10		10/12/22 05:50	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	3.1	10		10/12/22 05:50	75-27-4	
Bromoform	ND	ug/L	10.0	3.4	10		10/12/22 05:50	75-25-2	
Bromomethane	ND	ug/L	20.0	16.6	10		10/12/22 05:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		10/12/22 05:50	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		10/12/22 05:50	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.8	10		10/12/22 05:50	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		10/12/22 05:50	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2BR-20221004 **Lab ID: 92629875006** Collected: 10/04/22 13:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	10.0	4.3	10		10/12/22 05:50	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		10/12/22 05:50	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.2	10		10/12/22 05:50	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.2	10		10/12/22 05:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	3.4	10		10/12/22 05:50	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	3.6	10		10/12/22 05:50	124-48-1	
Dibromomethane	ND	ug/L	10.0	3.9	10		10/12/22 05:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.4	10		10/12/22 05:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	3.4	10		10/12/22 05:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		10/12/22 05:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	3.5	10		10/12/22 05:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.7	10		10/12/22 05:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	3.2	10		10/12/22 05:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	3.5	10		10/12/22 05:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	3.8	10		10/12/22 05:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.0	10		10/12/22 05:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	3.6	10		10/12/22 05:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		10/12/22 05:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	3.9	10		10/12/22 05:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.3	10		10/12/22 05:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		10/12/22 05:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		10/12/22 05:50	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	3.1	10		10/12/22 05:50	108-20-3	
Ethylbenzene	**107**	ug/L	10.0	3.0	10		10/12/22 05:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		10/12/22 05:50	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.8	10		10/12/22 05:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	4.1	10		10/12/22 05:50	99-87-6	
Methylene Chloride	ND	ug/L	50.0	19.5	10		10/12/22 05:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	27.1	10		10/12/22 05:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	4.2	10		10/12/22 05:50	1634-04-4	
Naphthalene	**1930**	ug/L	10.0	6.4	10		10/12/22 05:50	91-20-3	
Styrene	ND	ug/L	10.0	2.9	10		10/12/22 05:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.1	10		10/12/22 05:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	2.2	10		10/12/22 05:50	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	2.9	10		10/12/22 05:50	127-18-4	
Toluene	**15.1**	ug/L	10.0	4.8	10		10/12/22 05:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	8.1	10		10/12/22 05:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	6.4	10		10/12/22 05:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	3.3	10		10/12/22 05:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	3.2	10		10/12/22 05:50	79-00-5	
Trichloroethene	ND	ug/L	10.0	3.8	10		10/12/22 05:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		10/12/22 05:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	2.6	10		10/12/22 05:50	96-18-4	
Vinyl acetate	ND	ug/L	20.0	13.1	10		10/12/22 05:50	108-05-4	
Vinyl chloride	ND	ug/L	10.0	3.9	10		10/12/22 05:50	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2BR-20221004 **Lab ID: 92629875006** Collected: 10/04/22 13:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	**106**	ug/L	10.0	3.4	10		10/12/22 05:50	1330-20-7	
m&p-Xylene	**60.1**	ug/L	20.0	7.1	10		10/12/22 05:50	179601-23-1	
o-Xylene	**45.8**	ug/L	10.0	3.4	10		10/12/22 05:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		10		10/12/22 05:50	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		10		10/12/22 05:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		10		10/12/22 05:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2TZ-20221004 **Lab ID: 92629875007** Collected: 10/04/22 11:50 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**180**	ug/L	50.0	10.0	5	10/10/22 17:03	10/12/22 10:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:16	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:16	62-53-3	
Anthracene	**2.4J**	ug/L	10.0	2.3	1	10/10/22 17:03	10/11/22 18:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/10/22 17:03	10/11/22 18:16	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/10/22 17:03	10/11/22 18:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/10/22 17:03	10/11/22 18:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/10/22 17:03	10/11/22 18:16	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/10/22 17:03	10/11/22 18:16	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/10/22 17:03	10/11/22 18:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/10/22 17:03	10/11/22 18:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/10/22 17:03	10/11/22 18:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/10/22 17:03	10/11/22 18:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/10/22 17:03	10/11/22 18:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/10/22 17:03	10/11/22 18:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 18:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:16	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/10/22 17:03	10/11/22 18:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/10/22 17:03	10/11/22 18:16	53-70-3	
Dibenzofuran	**10.6**	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 18:16	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/10/22 17:03	10/11/22 18:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:16	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:16	84-66-2	
2,4-Dimethylphenol	**15.6**	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 18:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/10/22 17:03	10/11/22 18:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/10/22 17:03	10/11/22 18:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/10/22 17:03	10/11/22 18:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/10/22 17:03	10/11/22 18:16	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:16	206-44-0	
Fluorene	**37.4**	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 18:16	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/10/22 17:03	10/11/22 18:16	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:16	78-59-1	
1-Methylnaphthalene	**391**	ug/L	50.0	10.2	5	10/10/22 17:03	10/12/22 10:20	90-12-0	
2-Methylnaphthalene	**522**	ug/L	50.0	9.4	5	10/10/22 17:03	10/12/22 10:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 18:16	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2TZ-20221004 **Lab ID: 92629875007** Collected: 10/04/22 11:50 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/10/22 17:03	10/11/22 18:16	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/10/22 17:03	10/11/22 18:16	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/10/22 17:03	10/11/22 18:16	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:16	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:16	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/10/22 17:03	10/11/22 18:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/10/22 17:03	10/11/22 18:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/10/22 17:03	10/11/22 18:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 18:16	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/10/22 17:03	10/11/22 18:16	87-86-5	
Phenanthrene	**23.2**	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:16	85-01-8	
Phenol	**3.4J**	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:16	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:16	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-144		1	10/10/22 17:03	10/11/22 18:16	4165-60-0	
2-Fluorobiphenyl (S)	37	%	10-130		1	10/10/22 17:03	10/11/22 18:16	321-60-8	
Terphenyl-d14 (S)	115	%	34-163		1	10/10/22 17:03	10/11/22 18:16	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	10/10/22 17:03	10/11/22 18:16	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	10/10/22 17:03	10/11/22 18:16	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-144		1	10/10/22 17:03	10/11/22 18:16	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	1.0	0.43	10	10/09/22 19:22	10/12/22 11:54	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	0	%	69-194		10	10/09/22 19:22	10/12/22 11:54	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	61-194		10	10/09/22 19:22	10/12/22 11:54	321-60-8	S4
Terphenyl-d14 (S)	0	%	69-180		10	10/09/22 19:22	10/12/22 11:54	1718-51-0	S4
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	625	128	25		10/12/22 15:59	67-64-1	v1
Benzene	**994**	ug/L	25.0	8.6	25		10/12/22 15:59	71-43-2	
Bromobenzene	ND	ug/L	25.0	7.2	25		10/12/22 15:59	108-86-1	
Bromochloromethane	ND	ug/L	25.0	11.7	25		10/12/22 15:59	74-97-5	
Bromodichloromethane	ND	ug/L	25.0	7.7	25		10/12/22 15:59	75-27-4	
Bromoform	ND	ug/L	25.0	8.5	25		10/12/22 15:59	75-25-2	
Bromomethane	ND	ug/L	50.0	41.5	25		10/12/22 15:59	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	125	99.0	25		10/12/22 15:59	78-93-3	
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		10/12/22 15:59	56-23-5	
Chlorobenzene	ND	ug/L	25.0	7.1	25		10/12/22 15:59	108-90-7	
Chloroethane	ND	ug/L	25.0	16.2	25		10/12/22 15:59	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2TZ-20221004 **Lab ID: 92629875007** Collected: 10/04/22 11:50 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	25.0	10.8	25		10/12/22 15:59	67-66-3	
Chloromethane	ND	ug/L	25.0	13.5	25		10/12/22 15:59	74-87-3	
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		10/12/22 15:59	95-49-8	
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		10/12/22 15:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		10/12/22 15:59	96-12-8	
Dibromochloromethane	ND	ug/L	25.0	9.0	25		10/12/22 15:59	124-48-1	
Dibromomethane	ND	ug/L	25.0	9.8	25		10/12/22 15:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		10/12/22 15:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		10/12/22 15:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		10/12/22 15:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		10/12/22 15:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		10/12/22 15:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		10/12/22 15:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		10/12/22 15:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		10/12/22 15:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		10/12/22 15:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		10/12/22 15:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		10/12/22 15:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		10/12/22 15:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		10/12/22 15:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		10/12/22 15:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		10/12/22 15:59	10061-02-6	
Diisopropyl ether	ND	ug/L	25.0	7.7	25		10/12/22 15:59	108-20-3	
Ethylbenzene	**281**	ug/L	25.0	7.6	25		10/12/22 15:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		10/12/22 15:59	87-68-3	
2-Hexanone	ND	ug/L	125	11.9	25		10/12/22 15:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		10/12/22 15:59	99-87-6	
Methylene Chloride	**412**	ug/L	125	48.8	25		10/12/22 15:59	75-09-2	B,C9, L1,v1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		10/12/22 15:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		10/12/22 15:59	1634-04-4	
Naphthalene	**3630**	ug/L	25.0	16.1	25		10/12/22 15:59	91-20-3	
Styrene	ND	ug/L	25.0	7.3	25		10/12/22 15:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		10/12/22 15:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		10/12/22 15:59	79-34-5	
Tetrachloroethene	ND	ug/L	25.0	7.3	25		10/12/22 15:59	127-18-4	
Toluene	**12.3J**	ug/L	25.0	12.1	25		10/12/22 15:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		10/12/22 15:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		10/12/22 15:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		10/12/22 15:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		10/12/22 15:59	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		10/12/22 15:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		10/12/22 15:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		10/12/22 15:59	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		10/12/22 15:59	108-05-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-2TZ-20221004 **Lab ID: 92629875007** Collected: 10/04/22 11:50 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Vinyl chloride	ND	ug/L	25.0	9.6	25		10/12/22 15:59	75-01-4	
Xylene (Total)	**86.9**	ug/L	25.0	8.4	25		10/12/22 15:59	1330-20-7	
m&p-Xylene	**62.4**	ug/L	50.0	17.7	25		10/12/22 15:59	179601-23-1	
o-Xylene	**24.5J**	ug/L	25.0	8.4	25		10/12/22 15:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		25		10/12/22 15:59	460-00-4	
1,2-Dichloroethane-d4 (S)	124	%	70-130		25		10/12/22 15:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130		25		10/12/22 15:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: EB-3-20221004 **Lab ID: 92629875008** Collected: 10/04/22 15:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:42	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:42	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:42	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/10/22 17:03	10/11/22 18:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 18:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 18:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 18:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 18:42	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/10/22 17:03	10/11/22 18:42	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/10/22 17:03	10/11/22 18:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/10/22 17:03	10/11/22 18:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/10/22 17:03	10/11/22 18:42	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/10/22 17:03	10/11/22 18:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:42	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 18:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:42	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 18:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 18:42	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/10/22 17:03	10/11/22 18:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:42	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:42	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/10/22 17:03	10/11/22 18:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/10/22 17:03	10/11/22 18:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/10/22 17:03	10/11/22 18:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/10/22 17:03	10/11/22 18:42	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:42	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:42	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:42	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 18:42	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:42	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/10/22 17:03	10/11/22 18:42	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: EB-3-20221004 **Lab ID: 92629875008** Collected: 10/04/22 15:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/10/22 17:03	10/11/22 18:42	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 18:42	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/10/22 17:03	10/11/22 18:42	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:42	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:42	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/10/22 17:03	10/11/22 18:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 18:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 18:42	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 18:42	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:42	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:42	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/10/22 17:03	10/11/22 18:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	10-144		1	10/10/22 17:03	10/11/22 18:42	4165-60-0	
2-Fluorobiphenyl (S)	35	%	10-130		1	10/10/22 17:03	10/11/22 18:42	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	10/10/22 17:03	10/11/22 18:42	1718-51-0	
Phenol-d6 (S)	43	%	10-130		1	10/10/22 17:03	10/11/22 18:42	13127-88-3	
2-Fluorophenol (S)	52	%	10-130		1	10/10/22 17:03	10/11/22 18:42	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		1	10/10/22 17:03	10/11/22 18:42	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 22:23	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/09/22 19:22	10/10/22 22:23	4165-60-0	
2-Fluorobiphenyl (S)	89	%	61-194		1	10/09/22 19:22	10/10/22 22:23	321-60-8	
Terphenyl-d14 (S)	76	%	69-180		1	10/09/22 19:22	10/10/22 22:23	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/11/22 02:53	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/11/22 02:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/11/22 02:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/11/22 02:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/11/22 02:53	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/11/22 02:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/11/22 02:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/11/22 02:53	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/11/22 02:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/11/22 02:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/11/22 02:53	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: EB-3-20221004 **Lab ID: 92629875008** Collected: 10/04/22 15:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/11/22 02:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/11/22 02:53	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 02:53	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 02:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/11/22 02:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/11/22 02:53	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/11/22 02:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 02:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 02:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/11/22 02:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/11/22 02:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/11/22 02:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 02:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/11/22 02:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 02:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/11/22 02:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/11/22 02:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/11/22 02:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/11/22 02:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/11/22 02:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 02:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 02:53	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/11/22 02:53	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/11/22 02:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/11/22 02:53	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/11/22 02:53	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/11/22 02:53	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/11/22 02:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/11/22 02:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/11/22 02:53	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/11/22 02:53	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/11/22 02:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/11/22 02:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/11/22 02:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/11/22 02:53	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/11/22 02:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/11/22 02:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/11/22 02:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/11/22 02:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 02:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 02:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/11/22 02:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/11/22 02:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/11/22 02:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/11/22 02:53	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: EB-3-20221004 **Lab ID: 92629875008** Collected: 10/04/22 15:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/11/22 02:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/11/22 02:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/11/22 02:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/11/22 02:53	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/11/22 02:53	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/11/22 02:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-03-20221004 **Lab ID: 92629875009** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:15	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:15	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:15	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/10/22 17:03	10/11/22 17:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 17:15	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 17:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 17:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 17:15	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/10/22 17:03	10/11/22 17:15	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/10/22 17:03	10/11/22 17:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:15	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/10/22 17:03	10/11/22 17:15	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/10/22 17:03	10/11/22 17:15	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/10/22 17:03	10/11/22 17:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:15	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:15	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 17:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:15	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 17:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 17:15	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/10/22 17:03	10/11/22 17:15	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:15	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:15	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:15	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:15	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/10/22 17:03	10/11/22 17:15	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/10/22 17:03	10/11/22 17:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:15	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/10/22 17:03	10/11/22 17:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/10/22 17:03	10/11/22 17:15	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:15	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:15	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:15	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 17:15	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:15	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:15	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/10/22 17:03	10/11/22 17:15	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-03-20221004 **Lab ID: 92629875009** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/10/22 17:03	10/11/22 17:15	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 17:15	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/10/22 17:03	10/11/22 17:15	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:15	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:15	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/10/22 17:03	10/11/22 17:15	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:15	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 17:15	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 17:15	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 17:15	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:15	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:15	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:15	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/10/22 17:03	10/11/22 17:15	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	34	%	10-144		1	10/10/22 17:03	10/11/22 17:15	4165-60-0	
2-Fluorobiphenyl (S)	16	%	10-130		1	10/10/22 17:03	10/11/22 17:15	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	10/10/22 17:03	10/11/22 17:15	1718-51-0	
Phenol-d6 (S)	21	%	10-130		1	10/10/22 17:03	10/11/22 17:15	13127-88-3	
2-Fluorophenol (S)	25	%	10-130		1	10/10/22 17:03	10/11/22 17:15	367-12-4	
2,4,6-Tribromophenol (S)	82	%	10-144		1	10/10/22 17:03	10/11/22 17:15	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	10/09/22 19:22	10/10/22 22:45	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	96	%	69-194		1	10/09/22 19:22	10/10/22 22:45	4165-60-0	
2-Fluorobiphenyl (S)	92	%	61-194		1	10/09/22 19:22	10/10/22 22:45	321-60-8	
Terphenyl-d14 (S)	72	%	69-180		1	10/09/22 19:22	10/10/22 22:45	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/12/22 04:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/12/22 04:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/12/22 04:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/12/22 04:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/12/22 04:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/12/22 04:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/12/22 04:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/12/22 04:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/12/22 04:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/12/22 04:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/12/22 04:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-03-20221004 **Lab ID: 92629875009** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/12/22 04:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/12/22 04:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/12/22 04:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/12/22 04:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/12/22 04:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/12/22 04:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/12/22 04:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/12/22 04:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/12/22 04:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/12/22 04:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/12/22 04:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/12/22 04:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/12/22 04:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/12/22 04:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/12/22 04:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/12/22 04:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/12/22 04:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/12/22 04:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/12/22 04:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/12/22 04:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/12/22 04:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/12/22 04:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/12/22 04:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/12/22 04:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/12/22 04:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/12/22 04:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/12/22 04:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/12/22 04:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/12/22 04:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/12/22 04:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/12/22 04:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/12/22 04:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/12/22 04:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/12/22 04:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/12/22 04:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/12/22 04:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/12/22 04:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/12/22 04:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/12/22 04:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/12/22 04:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/12/22 04:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/12/22 04:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/12/22 04:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/12/22 04:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/12/22 04:19	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-03-20221004 **Lab ID: 92629875009** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/12/22 04:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/12/22 04:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/12/22 04:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/12/22 04:19	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		10/12/22 04:19	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/12/22 04:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-04-20221004 **Lab ID: 92629875010** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**2.9J**	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:40	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:40	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:40	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/10/22 17:03	10/11/22 17:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 17:40	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 17:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 17:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 17:40	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/10/22 17:03	10/11/22 17:40	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/10/22 17:03	10/11/22 17:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:40	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/10/22 17:03	10/11/22 17:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/10/22 17:03	10/11/22 17:40	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/10/22 17:03	10/11/22 17:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:40	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:40	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 17:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:40	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 17:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 17:40	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:40	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/10/22 17:03	10/11/22 17:40	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:40	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:40	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:40	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:40	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/10/22 17:03	10/11/22 17:40	534-52-1	
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/10/22 17:03	10/11/22 17:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 17:40	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/10/22 17:03	10/11/22 17:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/10/22 17:03	10/11/22 17:40	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:40	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:40	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:40	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 17:40	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 17:40	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 17:40	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/10/22 17:03	10/11/22 17:40	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-04-20221004 **Lab ID: 92629875010** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/10/22 17:03	10/11/22 17:40	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 17:40	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/10/22 17:03	10/11/22 17:40	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:40	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:40	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/10/22 17:03	10/11/22 17:40	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 17:40	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 17:40	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 17:40	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 17:40	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 17:40	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:40	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 17:40	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 17:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/10/22 17:03	10/11/22 17:40	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	24	%	10-144		1	10/10/22 17:03	10/11/22 17:40	4165-60-0	
2-Fluorobiphenyl (S)	9	%	10-130		1	10/10/22 17:03	10/11/22 17:40	321-60-8	S0
Terphenyl-d14 (S)	120	%	34-163		1	10/10/22 17:03	10/11/22 17:40	1718-51-0	
Phenol-d6 (S)	14	%	10-130		1	10/10/22 17:03	10/11/22 17:40	13127-88-3	
2-Fluorophenol (S)	9	%	10-130		1	10/10/22 17:03	10/11/22 17:40	367-12-4	S0
2,4,6-Tribromophenol (S)	21	%	10-144		1	10/10/22 17:03	10/11/22 17:40	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 23:07	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	86	%	69-194		1	10/09/22 19:22	10/10/22 23:07	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-194		1	10/09/22 19:22	10/10/22 23:07	321-60-8	
Terphenyl-d14 (S)	70	%	69-180		1	10/09/22 19:22	10/10/22 23:07	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/12/22 04:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/12/22 04:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/12/22 04:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/12/22 04:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/12/22 04:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/12/22 04:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/12/22 04:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/12/22 04:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/12/22 04:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/12/22 04:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/12/22 04:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-04-20221004 **Lab ID: 92629875010** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/12/22 04:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/12/22 04:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/12/22 04:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/12/22 04:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/12/22 04:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/12/22 04:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/12/22 04:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/12/22 04:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/12/22 04:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/12/22 04:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/12/22 04:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/12/22 04:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/12/22 04:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/12/22 04:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/12/22 04:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/12/22 04:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/12/22 04:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/12/22 04:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/12/22 04:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/12/22 04:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/12/22 04:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/12/22 04:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/12/22 04:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/12/22 04:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/12/22 04:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/12/22 04:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/12/22 04:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/12/22 04:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/12/22 04:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/12/22 04:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/12/22 04:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/12/22 04:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/12/22 04:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/12/22 04:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/12/22 04:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/12/22 04:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/12/22 04:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/12/22 04:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/12/22 04:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/12/22 04:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/12/22 04:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/12/22 04:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/12/22 04:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/12/22 04:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/12/22 04:37	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: DUP-04-20221004 **Lab ID: 92629875010** Collected: 10/04/22 20:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/12/22 04:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/12/22 04:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/12/22 04:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/12/22 04:37	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		10/12/22 04:37	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/12/22 04:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: TB-10-20221004 **Lab ID: 92629875011** Collected: 10/04/22 00:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**45.0**	ug/L	25.0	5.1	1		10/11/22 21:19	67-64-1	C0
Benzene	ND	ug/L	1.0	0.34	1		10/11/22 21:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/11/22 21:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/11/22 21:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/11/22 21:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/11/22 21:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/11/22 21:19	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/11/22 21:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/11/22 21:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/11/22 21:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/11/22 21:19	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/11/22 21:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/11/22 21:19	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 21:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 21:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/11/22 21:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/11/22 21:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/11/22 21:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 21:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 21:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/11/22 21:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/11/22 21:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/11/22 21:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 21:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/11/22 21:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 21:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/11/22 21:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/11/22 21:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/11/22 21:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/11/22 21:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/11/22 21:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 21:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 21:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/11/22 21:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/11/22 21:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/11/22 21:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/11/22 21:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/11/22 21:19	99-87-6	
Methylene Chloride	**2.2J**	ug/L	5.0	2.0	1		10/11/22 21:19	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/11/22 21:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/11/22 21:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/11/22 21:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/11/22 21:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/11/22 21:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/11/22 21:19	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: TB-10-20221004 **Lab ID: 92629875011** Collected: 10/04/22 00:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/11/22 21:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/11/22 21:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/11/22 21:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/11/22 21:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/11/22 21:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 21:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 21:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/11/22 21:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/11/22 21:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/11/22 21:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/11/22 21:19	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/11/22 21:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/11/22 21:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/11/22 21:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/11/22 21:19	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		10/11/22 21:19	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/11/22 21:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: TB-11-20221004 **Lab ID: 92629875012** Collected: 10/04/22 00:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	**45.2**	ug/L	25.0	5.1	1		10/11/22 21:01	67-64-1	C0
Benzene	ND	ug/L	1.0	0.34	1		10/11/22 21:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/11/22 21:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/11/22 21:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/11/22 21:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/11/22 21:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/11/22 21:01	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/11/22 21:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/11/22 21:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/11/22 21:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/11/22 21:01	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/11/22 21:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/11/22 21:01	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 21:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 21:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/11/22 21:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/11/22 21:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/11/22 21:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 21:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 21:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/11/22 21:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/11/22 21:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/11/22 21:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 21:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/11/22 21:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 21:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/11/22 21:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/11/22 21:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/11/22 21:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/11/22 21:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/11/22 21:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 21:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 21:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/11/22 21:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/11/22 21:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/11/22 21:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/11/22 21:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/11/22 21:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/11/22 21:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/11/22 21:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/11/22 21:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/11/22 21:01	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/11/22 21:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/11/22 21:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/11/22 21:01	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: TB-11-20221004 **Lab ID: 92629875012** Collected: 10/04/22 00:00 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/11/22 21:01	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/11/22 21:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/11/22 21:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/11/22 21:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/11/22 21:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 21:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 21:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/11/22 21:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/11/22 21:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/11/22 21:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/11/22 21:01	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/11/22 21:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/11/22 21:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/11/22 21:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/11/22 21:01	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/11/22 21:01	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/11/22 21:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31S-20221003 **Lab ID: 92629875013** Collected: 10/03/22 16:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	**4.9J**	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:05	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:05	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:05	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/10/22 17:03	10/11/22 18:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/10/22 17:03	10/11/22 18:05	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/10/22 17:03	10/11/22 18:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/10/22 17:03	10/11/22 18:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/10/22 17:03	10/11/22 18:05	207-08-9	
Benzoic Acid	ND	ug/L	50.0	22.0	1	10/10/22 17:03	10/11/22 18:05	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/10/22 17:03	10/11/22 18:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/10/22 17:03	10/11/22 18:05	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/10/22 17:03	10/11/22 18:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/10/22 17:03	10/11/22 18:05	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/10/22 17:03	10/11/22 18:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/10/22 17:03	10/11/22 18:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:05	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:05	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 18:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:05	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/10/22 17:03	10/11/22 18:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/10/22 17:03	10/11/22 18:05	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 18:05	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/10/22 17:03	10/11/22 18:05	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:05	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:05	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:05	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 18:05	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	7.8	1	10/10/22 17:03	10/11/22 18:05	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/10/22 17:03	10/11/22 18:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:05	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/10/22 17:03	10/11/22 18:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/10/22 17:03	10/11/22 18:05	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:05	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/10/22 17:03	10/11/22 18:05	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:05	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/10/22 17:03	10/11/22 18:05	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/10/22 17:03	10/11/22 18:05	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 18:05	15831-10-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31S-20221003 **Lab ID: 92629875013** Collected: 10/03/22 16:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/10/22 17:03	10/11/22 18:05	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/10/22 17:03	10/11/22 18:05	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/10/22 17:03	10/11/22 18:05	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:05	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:05	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/10/22 17:03	10/11/22 18:05	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/10/22 17:03	10/11/22 18:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/10/22 17:03	10/11/22 18:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/10/22 17:03	10/11/22 18:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/10/22 17:03	10/11/22 18:05	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/10/22 17:03	10/11/22 18:05	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/10/22 17:03	10/11/22 18:05	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:05	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/10/22 17:03	10/11/22 18:05	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/10/22 17:03	10/11/22 18:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/10/22 17:03	10/11/22 18:05	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	30	%	10-144		1	10/10/22 17:03	10/11/22 18:05	4165-60-0	
2-Fluorobiphenyl (S)	13	%	10-130		1	10/10/22 17:03	10/11/22 18:05	321-60-8	
Terphenyl-d14 (S)	109	%	34-163		1	10/10/22 17:03	10/11/22 18:05	1718-51-0	
Phenol-d6 (S)	21	%	10-130		1	10/10/22 17:03	10/11/22 18:05	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	10/10/22 17:03	10/11/22 18:05	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-144		1	10/10/22 17:03	10/11/22 18:05	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 23:29	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	69-194		1	10/09/22 19:22	10/10/22 23:29	4165-60-0	
2-Fluorobiphenyl (S)	86	%	61-194		1	10/09/22 19:22	10/10/22 23:29	321-60-8	
Terphenyl-d14 (S)	82	%	69-180		1	10/09/22 19:22	10/10/22 23:29	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/11/22 05:38	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/11/22 05:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/11/22 05:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/11/22 05:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/11/22 05:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/11/22 05:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/11/22 05:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/11/22 05:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/11/22 05:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/11/22 05:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/11/22 05:38	75-00-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31S-20221003 **Lab ID: 92629875013** Collected: 10/03/22 16:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Chloroform	ND	ug/L	1.0	0.43	1		10/11/22 05:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/11/22 05:38	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 05:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 05:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/11/22 05:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/11/22 05:38	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/11/22 05:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 05:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 05:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/11/22 05:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/11/22 05:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/11/22 05:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 05:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/11/22 05:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 05:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/11/22 05:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/11/22 05:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/11/22 05:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/11/22 05:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/11/22 05:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 05:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 05:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/11/22 05:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/11/22 05:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/11/22 05:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/11/22 05:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/11/22 05:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/11/22 05:38	75-09-2	v1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/11/22 05:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/11/22 05:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/11/22 05:38	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/11/22 05:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/11/22 05:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/11/22 05:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/11/22 05:38	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/11/22 05:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/11/22 05:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/11/22 05:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/11/22 05:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 05:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 05:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/11/22 05:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/11/22 05:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/11/22 05:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/11/22 05:38	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31S-20221003 **Lab ID: 92629875013** Collected: 10/03/22 16:20 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/11/22 05:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/11/22 05:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/11/22 05:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/11/22 05:38	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/11/22 05:38	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/11/22 05:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44BR-20221004 **Lab ID: 92629875014** Collected: 10/03/22 13:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**204**	ug/L	10.0	2.91	1	10/13/22 12:43	10/13/22 12:43	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/13/22 12:43	10/13/22 12:43	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/13/22 12:43	10/13/22 12:43	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**42.3J**	ug/L	50.0	41.5	1	10/08/22 14:07	10/10/22 17:16	7439-89-6	
Manganese	**4.8J**	ug/L	5.0	3.4	1	10/08/22 14:07	10/10/22 17:16	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	ND	ug/L	50.0	41.5	1	10/12/22 17:22	10/14/22 13:21	7439-89-6	P4
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	10/12/22 17:22	10/14/22 13:21	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:30	83-32-9	
Acenaphthylene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:30	208-96-8	
Aniline	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:30	62-53-3	
Anthracene	ND	ug/L	8.7	2.0	1	10/10/22 17:03	10/11/22 18:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 18:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.7	2.3	1	10/10/22 17:03	10/11/22 18:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 18:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 18:30	207-08-9	
Benzoic Acid	ND	ug/L	43.5	19.1	1	10/10/22 17:03	10/11/22 18:30	65-85-0	
Benzyl alcohol	ND	ug/L	17.4	2.5	1	10/10/22 17:03	10/11/22 18:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.7	2.7	1	10/10/22 17:03	10/11/22 18:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.7	2.9	1	10/10/22 17:03	10/11/22 18:30	59-50-7	
4-Chloroaniline	ND	ug/L	17.4	3.2	1	10/10/22 17:03	10/11/22 18:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:30	91-58-7	
2-Chlorophenol	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 18:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:30	7005-72-3	
Chrysene	ND	ug/L	8.7	2.4	1	10/10/22 17:03	10/11/22 18:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 18:30	53-70-3	
Dibenzofuran	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	17.4	7.1	1	10/10/22 17:03	10/11/22 18:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:30	120-83-2	
Diethylphthalate	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:30	105-67-9	
Dimethylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	17.4	6.8	1	10/10/22 17:03	10/11/22 18:30	534-52-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44BR-20221004 **Lab ID: 92629875014** Collected: 10/03/22 13:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	43.5	22.6	1	10/10/22 17:03	10/11/22 18:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.7	1.5	1	10/10/22 17:03	10/11/22 18:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.7	3.4	1	10/10/22 17:03	10/11/22 18:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.2	3.2	1	10/10/22 17:03	10/11/22 18:30	117-81-7	
Fluoranthene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:30	206-44-0	
Fluorene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:30	86-73-7	
Hexachlorobenzene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:30	77-47-4	
Hexachloroethane	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.7	2.5	1	10/10/22 17:03	10/11/22 18:30	193-39-5	
Isophorone	ND	ug/L	8.7	1.4	1	10/10/22 17:03	10/11/22 18:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.7	1.8	1	10/10/22 17:03	10/11/22 18:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.7	1.1	1	10/10/22 17:03	10/11/22 18:30	15831-10-4	
2-Nitroaniline	ND	ug/L	17.4	2.6	1	10/10/22 17:03	10/11/22 18:30	88-74-4	
3-Nitroaniline	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 18:30	99-09-2	
4-Nitroaniline	ND	ug/L	17.4	4.4	1	10/10/22 17:03	10/11/22 18:30	100-01-6	
Nitrobenzene	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:30	98-95-3	
2-Nitrophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:30	88-75-5	
4-Nitrophenol	ND	ug/L	43.5	5.7	1	10/10/22 17:03	10/11/22 18:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.7	1.6	1	10/10/22 17:03	10/11/22 18:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.7	2.6	1	10/10/22 17:03	10/11/22 18:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.7	1.0	1	10/10/22 17:03	10/11/22 18:30	108-60-1	
Pentachlorophenol	ND	ug/L	17.4	3.3	1	10/10/22 17:03	10/11/22 18:30	87-86-5	
Phenanthrene	ND	ug/L	8.7	1.7	1	10/10/22 17:03	10/11/22 18:30	85-01-8	
Phenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:30	108-95-2	
Pyrene	ND	ug/L	8.7	1.9	1	10/10/22 17:03	10/11/22 18:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.7	1.2	1	10/10/22 17:03	10/11/22 18:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.7	1.3	1	10/10/22 17:03	10/11/22 18:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	24	%	10-144		1	10/10/22 17:03	10/11/22 18:30	4165-60-0	
2-Fluorobiphenyl (S)	12	%	10-130		1	10/10/22 17:03	10/11/22 18:30	321-60-8	
Terphenyl-d14 (S)	111	%	34-163		1	10/10/22 17:03	10/11/22 18:30	1718-51-0	
Phenol-d6 (S)	16	%	10-130		1	10/10/22 17:03	10/11/22 18:30	13127-88-3	
2-Fluorophenol (S)	18	%	10-130		1	10/10/22 17:03	10/11/22 18:30	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	10/10/22 17:03	10/11/22 18:30	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/10/22 23:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	69-194		1	10/09/22 19:22	10/10/22 23:50	4165-60-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44BR-20221004 **Lab ID: 92629875014** Collected: 10/03/22 13:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	81	%	61-194		1	10/09/22 19:22	10/10/22 23:50	321-60-8	
Terphenyl-d14 (S)	77	%	69-180		1	10/09/22 19:22	10/10/22 23:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/08/22 01:24	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/08/22 01:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/08/22 01:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/08/22 01:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/08/22 01:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/08/22 01:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/08/22 01:24	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/08/22 01:24	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/08/22 01:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/08/22 01:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/08/22 01:24	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/08/22 01:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/08/22 01:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 01:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/08/22 01:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/08/22 01:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/08/22 01:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/08/22 01:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 01:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/22 01:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/08/22 01:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/08/22 01:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/08/22 01:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 01:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/08/22 01:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 01:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/08/22 01:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/08/22 01:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/08/22 01:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/08/22 01:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/08/22 01:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 01:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/08/22 01:24	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/08/22 01:24	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/08/22 01:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/08/22 01:24	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/08/22 01:24	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/08/22 01:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/08/22 01:24	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44BR-20221004 **Lab ID: 92629875014** Collected: 10/03/22 13:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/08/22 01:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/08/22 01:24	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/08/22 01:24	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/08/22 01:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/08/22 01:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/22 01:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/08/22 01:24	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/08/22 01:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/08/22 01:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/08/22 01:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/08/22 01:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/08/22 01:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/08/22 01:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/08/22 01:24	75-69-4	v2
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/08/22 01:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/08/22 01:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/08/22 01:24	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/08/22 01:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/08/22 01:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/08/22 01:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		10/08/22 01:24	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/08/22 01:24	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/22 01:24	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**87.6**	mg/L	5.0	5.0	1		10/07/22 15:47		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/08/22 06:14	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**0.50J**	mg/L	1.0	0.50	1		10/07/22 18:54	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.044J**	mg/L	0.10	0.031	1		10/10/22 12:43	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.022J**	mg/L	0.040	0.017	1		10/11/22 08:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-44BR-20221004 **Lab ID: 92629875014** Collected: 10/03/22 13:55 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**0.86J**	mg/L	1.0	0.50	1		10/10/22 16:57	7440-44-0	
Total Organic Carbon	**0.72J**	mg/L	1.0	0.50	1		10/10/22 16:57	7440-44-0	
Total Organic Carbon	**0.72J**	mg/L	1.0	0.50	1		10/10/22 16:57	7440-44-0	
Total Organic Carbon	**0.76J**	mg/L	1.0	0.50	1		10/10/22 16:57	7440-44-0	
Mean Total Organic Carbon	**0.77J**	mg/L	1.0	0.50	1		10/10/22 16:57	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**61.5**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31TZ-20221003 **Lab ID: 92629875015** Collected: 10/03/22 16:30 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (GC) RSK175	Analytical Method: RSK-175 Preparation Method: RSK175 Pace National - Mt. Juliet								
Methane	**19.9**	ug/L	10.0	2.91	1	10/13/22 12:46	10/13/22 12:46	74-82-8	
Ethane	ND	ug/L	13.0	4.07	1	10/13/22 12:46	10/13/22 12:46	74-84-0	
Ethene	ND	ug/L	13.0	4.26	1	10/13/22 12:46	10/13/22 12:46	74-85-1	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron	**7000**	ug/L	50.0	41.5	1	10/08/22 14:07	10/10/22 17:37	7439-89-6	
Manganese	**5420**	ug/L	5.0	3.4	1	10/08/22 14:07	10/10/22 17:37	7439-96-5	
6010 MET ICP, Lab Filtered	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Iron, Dissolved	**977**	ug/L	50.0	41.5	1	10/12/22 17:22	10/14/22 13:35	7439-89-6	P4
Manganese, Dissolved	**4970**	ug/L	5.0	3.4	1	10/12/22 17:22	10/14/22 13:35	7439-96-5	P4
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	8.3	1.7	1	10/10/22 17:03	10/11/22 18:56	83-32-9	
Acenaphthylene	ND	ug/L	8.3	1.6	1	10/10/22 17:03	10/11/22 18:56	208-96-8	
Aniline	ND	ug/L	8.3	1.4	1	10/10/22 17:03	10/11/22 18:56	62-53-3	
Anthracene	ND	ug/L	8.3	1.9	1	10/10/22 17:03	10/11/22 18:56	120-12-7	
Benzo(a)anthracene	ND	ug/L	8.3	2.2	1	10/10/22 17:03	10/11/22 18:56	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	8.3	2.2	1	10/10/22 17:03	10/11/22 18:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	8.3	2.4	1	10/10/22 17:03	10/11/22 18:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	8.3	2.3	1	10/10/22 17:03	10/11/22 18:56	207-08-9	
Benzoic Acid	ND	ug/L	41.7	18.3	1	10/10/22 17:03	10/11/22 18:56	65-85-0	
Benzyl alcohol	ND	ug/L	16.7	2.4	1	10/10/22 17:03	10/11/22 18:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	8.3	1.5	1	10/10/22 17:03	10/11/22 18:56	101-55-3	
Butylbenzylphthalate	ND	ug/L	8.3	2.6	1	10/10/22 17:03	10/11/22 18:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	8.3	2.8	1	10/10/22 17:03	10/11/22 18:56	59-50-7	
4-Chloroaniline	ND	ug/L	16.7	3.0	1	10/10/22 17:03	10/11/22 18:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	8.3	1.5	1	10/10/22 17:03	10/11/22 18:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	8.3	1.6	1	10/10/22 17:03	10/11/22 18:56	111-44-4	
2-Chloronaphthalene	ND	ug/L	8.3	1.4	1	10/10/22 17:03	10/11/22 18:56	91-58-7	
2-Chlorophenol	ND	ug/L	8.3	1.0	1	10/10/22 17:03	10/11/22 18:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	8.3	1.7	1	10/10/22 17:03	10/11/22 18:56	7005-72-3	
Chrysene	ND	ug/L	8.3	2.3	1	10/10/22 17:03	10/11/22 18:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	8.3	2.5	1	10/10/22 17:03	10/11/22 18:56	53-70-3	
Dibenzofuran	ND	ug/L	8.3	1.8	1	10/10/22 17:03	10/11/22 18:56	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	16.7	6.8	1	10/10/22 17:03	10/11/22 18:56	91-94-1	
2,4-Dichlorophenol	ND	ug/L	8.3	1.2	1	10/10/22 17:03	10/11/22 18:56	120-83-2	
Diethylphthalate	ND	ug/L	8.3	1.7	1	10/10/22 17:03	10/11/22 18:56	84-66-2	
2,4-Dimethylphenol	ND	ug/L	8.3	1.4	1	10/10/22 17:03	10/11/22 18:56	105-67-9	
Dimethylphthalate	ND	ug/L	8.3	1.8	1	10/10/22 17:03	10/11/22 18:56	131-11-3	
Di-n-butylphthalate	ND	ug/L	8.3	1.8	1	10/10/22 17:03	10/11/22 18:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	16.7	6.5	1	10/10/22 17:03	10/11/22 18:56	534-52-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31TZ-20221003 **Lab ID: 92629875015** Collected: 10/03/22 16:30 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
2,4-Dinitrophenol	ND	ug/L	41.7	21.7	1	10/10/22 17:03	10/11/22 18:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/10/22 17:03	10/11/22 18:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	8.3	1.4	1	10/10/22 17:03	10/11/22 18:56	606-20-2	
Di-n-octylphthalate	ND	ug/L	8.3	3.3	1	10/10/22 17:03	10/11/22 18:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.0	3.1	1	10/10/22 17:03	10/11/22 18:56	117-81-7	
Fluoranthene	ND	ug/L	8.3	1.8	1	10/10/22 17:03	10/11/22 18:56	206-44-0	
Fluorene	ND	ug/L	8.3	1.7	1	10/10/22 17:03	10/11/22 18:56	86-73-7	
Hexachlorobenzene	ND	ug/L	8.3	1.8	1	10/10/22 17:03	10/11/22 18:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	8.3	1.3	1	10/10/22 17:03	10/11/22 18:56	77-47-4	
Hexachloroethane	ND	ug/L	8.3	1.2	1	10/10/22 17:03	10/11/22 18:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	8.3	2.4	1	10/10/22 17:03	10/11/22 18:56	193-39-5	
Isophorone	ND	ug/L	8.3	1.4	1	10/10/22 17:03	10/11/22 18:56	78-59-1	
1-Methylnaphthalene	ND	ug/L	8.3	1.7	1	10/10/22 17:03	10/11/22 18:56	90-12-0	
2-Methylnaphthalene	ND	ug/L	8.3	1.6	1	10/10/22 17:03	10/11/22 18:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	8.3	1.6	1	10/10/22 17:03	10/11/22 18:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	8.3	1.0	1	10/10/22 17:03	10/11/22 18:56	15831-10-4	
2-Nitroaniline	ND	ug/L	16.7	2.5	1	10/10/22 17:03	10/11/22 18:56	88-74-4	
3-Nitroaniline	ND	ug/L	16.7	3.1	1	10/10/22 17:03	10/11/22 18:56	99-09-2	
4-Nitroaniline	ND	ug/L	16.7	4.2	1	10/10/22 17:03	10/11/22 18:56	100-01-6	
Nitrobenzene	ND	ug/L	8.3	1.6	1	10/10/22 17:03	10/11/22 18:56	98-95-3	
2-Nitrophenol	ND	ug/L	8.3	1.2	1	10/10/22 17:03	10/11/22 18:56	88-75-5	
4-Nitrophenol	ND	ug/L	41.7	5.5	1	10/10/22 17:03	10/11/22 18:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	8.3	1.6	1	10/10/22 17:03	10/11/22 18:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	8.3	1.1	1	10/10/22 17:03	10/11/22 18:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	8.3	2.5	1	10/10/22 17:03	10/11/22 18:56	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	8.3	0.96	1	10/10/22 17:03	10/11/22 18:56	108-60-1	
Pentachlorophenol	ND	ug/L	16.7	3.1	1	10/10/22 17:03	10/11/22 18:56	87-86-5	
Phenanthrene	ND	ug/L	8.3	1.7	1	10/10/22 17:03	10/11/22 18:56	85-01-8	
Phenol	ND	ug/L	8.3	1.1	1	10/10/22 17:03	10/11/22 18:56	108-95-2	
Pyrene	ND	ug/L	8.3	1.8	1	10/10/22 17:03	10/11/22 18:56	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	8.3	1.2	1	10/10/22 17:03	10/11/22 18:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	8.3	1.3	1	10/10/22 17:03	10/11/22 18:56	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	36	%	10-144		1	10/10/22 17:03	10/11/22 18:56	4165-60-0	
2-Fluorobiphenyl (S)	18	%	10-130		1	10/10/22 17:03	10/11/22 18:56	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	10/10/22 17:03	10/11/22 18:56	1718-51-0	
Phenol-d6 (S)	23	%	10-130		1	10/10/22 17:03	10/11/22 18:56	13127-88-3	
2-Fluorophenol (S)	27	%	10-130		1	10/10/22 17:03	10/11/22 18:56	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-144		1	10/10/22 17:03	10/11/22 18:56	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	10/09/22 19:22	10/11/22 00:12	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	94	%	69-194		1	10/09/22 19:22	10/11/22 00:12	4165-60-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31TZ-20221003 **Lab ID: 92629875015** Collected: 10/03/22 16:30 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Surrogates									
2-Fluorobiphenyl (S)	101	%	61-194		1	10/09/22 19:22	10/11/22 00:12	321-60-8	
Terphenyl-d14 (S)	78	%	69-180		1	10/09/22 19:22	10/11/22 00:12	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	5.1	1		10/11/22 05:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		10/11/22 05:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		10/11/22 05:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		10/11/22 05:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		10/11/22 05:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		10/11/22 05:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		10/11/22 05:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		10/11/22 05:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		10/11/22 05:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		10/11/22 05:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		10/11/22 05:57	75-00-3	
Chloroform	ND	ug/L	1.0	0.43	1		10/11/22 05:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		10/11/22 05:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 05:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		10/11/22 05:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		10/11/22 05:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		10/11/22 05:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		10/11/22 05:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 05:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		10/11/22 05:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		10/11/22 05:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		10/11/22 05:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		10/11/22 05:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 05:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		10/11/22 05:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 05:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		10/11/22 05:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		10/11/22 05:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		10/11/22 05:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		10/11/22 05:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		10/11/22 05:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 05:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		10/11/22 05:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		10/11/22 05:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		10/11/22 05:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		10/11/22 05:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		10/11/22 05:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		10/11/22 05:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		10/11/22 05:57	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31TZ-20221003 **Lab ID: 92629875015** Collected: 10/03/22 16:30 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		10/11/22 05:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		10/11/22 05:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		10/11/22 05:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		10/11/22 05:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		10/11/22 05:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/11/22 05:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		10/11/22 05:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		10/11/22 05:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		10/11/22 05:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		10/11/22 05:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		10/11/22 05:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		10/11/22 05:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		10/11/22 05:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		10/11/22 05:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		10/11/22 05:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		10/11/22 05:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		10/11/22 05:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		10/11/22 05:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		10/11/22 05:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		10/11/22 05:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/11/22 05:57	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		10/11/22 05:57	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/11/22 05:57	2037-26-5	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity, Total as CaCO3	**150**	mg/L	5.0	5.0	1		10/07/22 16:10		
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville								
Sulfide	ND	mg/L	0.10	0.022	1		10/08/22 06:15	18496-25-8	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Sulfate	**7.8**	mg/L	1.0	0.50	1		10/07/22 19:09	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**1.0**	mg/L	0.10	0.031	1		10/10/22 12:47	7664-41-7	
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Rev 2.0 1993 Pace Analytical Services - Asheville								
Nitrogen, NO2 plus NO3	**0.071**	mg/L	0.040	0.017	1		10/11/22 08:43		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Sample: MW-31TZ-20221003 **Lab ID: 92629875015** Collected: 10/03/22 16:30 Received: 10/05/22 16:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Total Organic Carbon,Asheville	Analytical Method: EPA 9060A Pace Analytical Services - Asheville								
Total Organic Carbon	**2.2**	mg/L	1.0	0.50	1		10/10/22 17:54	7440-44-0	
Total Organic Carbon	**2.0**	mg/L	1.0	0.50	1		10/10/22 17:54	7440-44-0	
Total Organic Carbon	**2.1**	mg/L	1.0	0.50	1		10/10/22 17:54	7440-44-0	
Total Organic Carbon	**2.0**	mg/L	1.0	0.50	1		10/10/22 17:54	7440-44-0	
Mean Total Organic Carbon	**2.1**	mg/L	1.0	0.50	1		10/10/22 17:54	7440-44-0	
Carbon Dioxide Calculation	Analytical Method: SM 4500-CO2 D-2011 Pace Analytical Services - Asheville								
Carbon dioxide	**226**	mg/L	5.0		1		10/10/22 21:47	124-38-9	N2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 1941937
QC Batch Method: RSK175
Analysis Method: RSK-175
Analysis Description: VOA (GC) RSK175
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: R3848080-2 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methane	ug/L	ND	10.0	2.91	10/13/22 11:28	
Ethane	ug/L	ND	13.0	4.07	10/13/22 11:28	
Ethene	ug/L	ND	13.0	4.26	10/13/22 11:28	

LABORATORY CONTROL SAMPLE & LCSD: R3848080-1 R3848080-5

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	67.8	64.8	62.0	95.6	91.4	85.0-115	4.42	20	
Ethane	ug/L	129	113	111	87.6	86.0	85.0-115	1.79	20	
Ethene	ug/L	127	117	112	92.1	88.2	85.0-115	4.37	20	

SAMPLE DUPLICATE: R3848080-3

Parameter	Units	L1544391-07 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

SAMPLE DUPLICATE: R3848080-4

Parameter	Units	L1544862-04 Result	Dup Result	RPD	Max RPD	Qualifiers
Methane	ug/L	ND	ND	0.00	20	
Ethane	ug/L	ND	ND	0.00	20	
Ethene	ug/L	ND	ND	0.00	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728917
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3796113 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	10/10/22 17:09	
Manganese	ug/L	ND	5.0	3.4	10/10/22 17:09	

LABORATORY CONTROL SAMPLE: 3796114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5010	100	80-120	
Manganese	ug/L	500	511	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796115 3796116

Parameter	Units	92629875014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	42.3J	5000	5000	5130	5160	102	102	75-125	0	20	
Manganese	ug/L	4.8J	500	500	522	516	104	102	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729279
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3797760 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	10/14/22 13:14	
Manganese, Dissolved	ug/L	ND	5.0	3.4	10/14/22 13:14	

LABORATORY CONTROL SAMPLE: 3797761

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4690	94	80-120	
Manganese, Dissolved	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797762 3797763

Parameter	Units	92629875014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	ND	5000	5000	4670	4730	93	95	75-125	1	20	
Manganese, Dissolved	ug/L	ND	500	500	477	482	95	96	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728686
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629875001, 92629875002

METHOD BLANK: 3794760 Matrix: Water
Associated Lab Samples: 92629875001, 92629875002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/07/22 18:05	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/07/22 18:05	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/07/22 18:05	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/07/22 18:05	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/07/22 18:05	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/07/22 18:05	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/07/22 18:05	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/07/22 18:05	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/07/22 18:05	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/07/22 18:05	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/07/22 18:05	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/07/22 18:05	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/07/22 18:05	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/07/22 18:05	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/07/22 18:05	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/07/22 18:05	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/07/22 18:05	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/07/22 18:05	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/07/22 18:05	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/07/22 18:05	
2-Hexanone	ug/L	ND	5.0	0.48	10/07/22 18:05	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/07/22 18:05	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/07/22 18:05	
Acetone	ug/L	ND	25.0	5.1	10/07/22 18:05	
Benzene	ug/L	ND	1.0	0.34	10/07/22 18:05	
Bromobenzene	ug/L	ND	1.0	0.29	10/07/22 18:05	
Bromochloromethane	ug/L	ND	1.0	0.47	10/07/22 18:05	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/07/22 18:05	
Bromoform	ug/L	ND	1.0	0.34	10/07/22 18:05	
Bromomethane	ug/L	ND	2.0	1.7	10/07/22 18:05	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/07/22 18:05	
Chlorobenzene	ug/L	ND	1.0	0.28	10/07/22 18:05	
Chloroethane	ug/L	ND	1.0	0.65	10/07/22 18:05	
Chloroform	ug/L	ND	1.0	0.43	10/07/22 18:05	
Chloromethane	ug/L	ND	1.0	0.54	10/07/22 18:05	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/07/22 18:05	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/07/22 18:05	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/07/22 18:05	
Dibromomethane	ug/L	ND	1.0	0.39	10/07/22 18:05	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/07/22 18:05	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3794760 Matrix: Water
Associated Lab Samples: 92629875001, 92629875002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/07/22 18:05	
Ethylbenzene	ug/L	ND	1.0	0.30	10/07/22 18:05	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/07/22 18:05	
m&p-Xylene	ug/L	ND	2.0	0.71	10/07/22 18:05	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/07/22 18:05	
Methylene Chloride	ug/L	ND	5.0	2.0	10/07/22 18:05	
Naphthalene	ug/L	ND	1.0	0.64	10/07/22 18:05	
o-Xylene	ug/L	ND	1.0	0.34	10/07/22 18:05	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/07/22 18:05	
Styrene	ug/L	ND	1.0	0.29	10/07/22 18:05	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/07/22 18:05	
Toluene	ug/L	ND	1.0	0.48	10/07/22 18:05	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/07/22 18:05	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/07/22 18:05	
Trichloroethene	ug/L	ND	1.0	0.38	10/07/22 18:05	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/07/22 18:05	
Vinyl acetate	ug/L	ND	2.0	1.3	10/07/22 18:05	
Vinyl chloride	ug/L	ND	1.0	0.39	10/07/22 18:05	
Xylene (Total)	ug/L	ND	1.0	0.34	10/07/22 18:05	
1,2-Dichloroethane-d4 (S)	%	105	70-130		10/07/22 18:05	
4-Bromofluorobenzene (S)	%	94	70-130		10/07/22 18:05	
Toluene-d8 (S)	%	102	70-130		10/07/22 18:05	

LABORATORY CONTROL SAMPLE: 3794761

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	49.9	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.5	109	70-130	
1,1,2-Trichloroethane	ug/L	50	46.3	93	70-130	
1,1-Dichloroethane	ug/L	50	51.1	102	70-130	
1,1-Dichloroethene	ug/L	50	55.8	112	70-130	
1,1-Dichloropropene	ug/L	50	53.4	107	70-130	
1,2,3-Trichlorobenzene	ug/L	50	44.2	88	70-130	
1,2,3-Trichloropropane	ug/L	50	53.2	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	44.3	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	70-130	
1,2-Dichlorobenzene	ug/L	50	49.2	98	70-130	
1,2-Dichloroethane	ug/L	50	51.0	102	70-130	
1,2-Dichloropropane	ug/L	50	50.7	101	70-130	
1,3-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,3-Dichloropropane	ug/L	50	50.7	101	70-130	
1,4-Dichlorobenzene	ug/L	50	48.4	97	70-130	
2,2-Dichloropropane	ug/L	50	47.9	96	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3794761

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	
2-Chlorotoluene	ug/L	50	49.5	99	70-130	
2-Hexanone	ug/L	100	112	112	70-130	
4-Chlorotoluene	ug/L	50	49.8	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-130	
Acetone	ug/L	100	122	122	70-130	
Benzene	ug/L	50	45.4	91	70-130	
Bromobenzene	ug/L	50	47.1	94	70-130	
Bromochloromethane	ug/L	50	50.0	100	70-130	
Bromodichloromethane	ug/L	50	46.7	93	70-130	
Bromoform	ug/L	50	44.7	89	70-130	
Bromomethane	ug/L	50	43.6	87	70-130	v3
Carbon tetrachloride	ug/L	50	43.1	86	70-130	
Chlorobenzene	ug/L	50	49.5	99	70-130	
Chloroethane	ug/L	50	58.5	117	70-130	
Chloroform	ug/L	50	51.3	103	70-130	
Chloromethane	ug/L	50	60.4	121	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.5	95	70-130	
Dibromochloromethane	ug/L	50	44.3	89	70-130	
Dibromomethane	ug/L	50	46.1	92	70-130	
Dichlorodifluoromethane	ug/L	50	60.9	122	70-130	
Diisopropyl ether	ug/L	50	54.4	109	70-130	
Ethylbenzene	ug/L	50	49.3	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	44.2	88	70-130	
m&p-Xylene	ug/L	100	99.3	99	70-130	
Methyl-tert-butyl ether	ug/L	50	51.2	102	70-130	
Methylene Chloride	ug/L	50	52.0	104	70-130	
Naphthalene	ug/L	50	45.5	91	70-130	
o-Xylene	ug/L	50	48.9	98	70-130	
p-Isopropyltoluene	ug/L	50	49.0	98	70-130	
Styrene	ug/L	50	48.8	98	70-130	
Tetrachloroethene	ug/L	50	44.9	90	70-130	
Toluene	ug/L	50	48.5	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	70-130	
Trichloroethene	ug/L	50	48.0	96	70-130	
Trichlorofluoromethane	ug/L	50	51.5	103	70-130	
Vinyl acetate	ug/L	100	111	111	70-130	
Vinyl chloride	ug/L	50	62.8	126	70-130	
Xylene (Total)	ug/L	150	148	99	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794762 3794763

Parameter	Units	92629875001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.8	19.8	99	99	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.4	21.5	107	107	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.2	22.0	101	110	70-136	8	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.2	21.2	101	106	70-135	5	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.2	21.6	106	108	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.2	25.4	126	127	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	23.1	23.3	116	117	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.2	18.6	91	93	70-135	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.3	20.8	96	104	71-137	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.4	18.2	92	91	73-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.0	19.0	85	95	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.0	20.8	105	104	70-133	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.7	21.2	103	106	70-137	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.1	23.0	110	115	70-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.8	20.9	104	105	70-135	0	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.6	21.3	98	107	70-143	8	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.5	20.6	103	103	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.1	19.9	100	99	61-148	1	30	
2-Butanone (MEK)	ug/L	ND	40	40	40.6	48.1	102	120	60-139	17	30	
2-Chlorotoluene	ug/L	ND	20	20	20.7	20.8	104	104	70-144	1	30	
2-Hexanone	ug/L	ND	40	40	37.7	44.9	94	112	65-138	18	30	
4-Chlorotoluene	ug/L	ND	20	20	21.1	21.1	106	105	70-137	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	41.6	46.2	104	115	65-135	10	30	
Acetone	ug/L	ND	40	40	41.3	49.0	103	122	60-148	17	30	
Benzene	ug/L	ND	20	20	19.5	19.9	98	100	70-151	2	30	
Bromobenzene	ug/L	ND	20	20	20.5	20.6	103	103	70-136	1	30	
Bromochloromethane	ug/L	ND	20	20	21.0	20.5	105	103	70-141	2	30	
Bromodichloromethane	ug/L	ND	20	20	20.5	21.4	103	107	70-138	4	30	
Bromoform	ug/L	ND	20	20	17.6	18.6	88	93	63-130	6	30	
Bromomethane	ug/L	ND	20	20	17.8	17.4	89	87	15-152	2	30	v3
Carbon tetrachloride	ug/L	ND	20	20	20.1	20.0	100	100	70-143	0	30	
Chlorobenzene	ug/L	ND	20	20	20.8	20.8	104	104	70-138	0	30	
Chloroethane	ug/L	ND	20	20	25.3	24.1	126	120	52-163	5	30	
Chloroform	ug/L	ND	20	20	22.0	21.3	110	106	70-139	3	30	
Chloromethane	ug/L	ND	20	20	25.9	25.8	129	129	41-139	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.0	21.4	105	107	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.2	20.2	101	101	70-137	0	30	
Dibromochloromethane	ug/L	ND	20	20	18.3	18.4	92	92	70-134	0	30	
Dibromomethane	ug/L	ND	20	20	19.2	20.5	96	103	70-138	7	30	
Dichlorodifluoromethane	ug/L	ND	20	20	25.2	25.5	126	128	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	22.1	22.1	111	111	63-144	0	30	
Ethylbenzene	ug/L	ND	20	20	20.5	20.9	103	105	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.7	19.3	94	97	65-149	3	30	
m&p-Xylene	ug/L	ND	40	40	41.5	41.4	104	103	69-152	0	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794762 3794763

Parameter	Units	92629875001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.3	20.4	101	102	54-156	1	30	
Methylene Chloride	ug/L	ND	20	20	21.9	21.8	109	109	42-159	0	30	
Naphthalene	ug/L	ND	20	20	17.0	18.9	85	95	61-148	11	30	
o-Xylene	ug/L	ND	20	20	19.9	20.4	99	102	70-148	2	30	
p-Isopropyltoluene	ug/L	ND	20	20	20.8	20.7	104	104	70-146	0	30	
Styrene	ug/L	ND	20	20	19.4	19.9	97	100	70-135	3	30	
Tetrachloroethene	ug/L	ND	20	20	20.6	20.5	103	102	59-143	1	30	
Toluene	ug/L	ND	20	20	21.9	22.0	110	110	59-148	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.0	22.2	110	111	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.0	20.1	100	100	70-135	0	30	
Trichloroethene	ug/L	ND	20	20	21.1	21.4	106	107	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.8	22.7	114	114	70-148	1	30	
Vinyl acetate	ug/L	ND	40	40	40.9	42.7	102	107	49-151	4	30	
Vinyl chloride	ug/L	ND	20	20	26.5	26.5	132	132	70-156	0	30	
Xylene (Total)	ug/L	ND	60	60	61.4	61.7	102	103	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						96	97	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						106	104	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728852
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629875003, 92629875004, 92629875005, 92629875014

METHOD BLANK: 3795838 Matrix: Water
Associated Lab Samples: 92629875003, 92629875004, 92629875005, 92629875014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/07/22 23:13	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/07/22 23:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/07/22 23:13	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/07/22 23:13	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/07/22 23:13	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/07/22 23:13	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/07/22 23:13	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/07/22 23:13	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/07/22 23:13	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/07/22 23:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/07/22 23:13	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/07/22 23:13	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/07/22 23:13	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/07/22 23:13	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/07/22 23:13	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/07/22 23:13	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/07/22 23:13	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/07/22 23:13	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/07/22 23:13	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/07/22 23:13	
2-Hexanone	ug/L	ND	5.0	0.48	10/07/22 23:13	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/07/22 23:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/07/22 23:13	
Acetone	ug/L	ND	25.0	5.1	10/07/22 23:13	
Benzene	ug/L	ND	1.0	0.34	10/07/22 23:13	
Bromobenzene	ug/L	ND	1.0	0.29	10/07/22 23:13	
Bromochloromethane	ug/L	ND	1.0	0.47	10/07/22 23:13	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/07/22 23:13	
Bromoform	ug/L	ND	1.0	0.34	10/07/22 23:13	
Bromomethane	ug/L	ND	2.0	1.7	10/07/22 23:13	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/07/22 23:13	
Chlorobenzene	ug/L	ND	1.0	0.28	10/07/22 23:13	
Chloroethane	ug/L	ND	1.0	0.65	10/07/22 23:13	
Chloroform	ug/L	ND	1.0	0.43	10/07/22 23:13	
Chloromethane	ug/L	ND	1.0	0.54	10/07/22 23:13	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/07/22 23:13	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/07/22 23:13	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/07/22 23:13	
Dibromomethane	ug/L	ND	1.0	0.39	10/07/22 23:13	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/07/22 23:13	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3795838 Matrix: Water
Associated Lab Samples: 92629875003, 92629875004, 92629875005, 92629875014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/07/22 23:13	
Ethylbenzene	ug/L	ND	1.0	0.30	10/07/22 23:13	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/07/22 23:13	
m&p-Xylene	ug/L	ND	2.0	0.71	10/07/22 23:13	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/07/22 23:13	
Methylene Chloride	ug/L	ND	5.0	2.0	10/07/22 23:13	
Naphthalene	ug/L	ND	1.0	0.64	10/07/22 23:13	
o-Xylene	ug/L	ND	1.0	0.34	10/07/22 23:13	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/07/22 23:13	
Styrene	ug/L	ND	1.0	0.29	10/07/22 23:13	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/07/22 23:13	
Toluene	ug/L	ND	1.0	0.48	10/07/22 23:13	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/07/22 23:13	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/07/22 23:13	
Trichloroethene	ug/L	ND	1.0	0.38	10/07/22 23:13	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/07/22 23:13	v2
Vinyl acetate	ug/L	ND	2.0	1.3	10/07/22 23:13	
Vinyl chloride	ug/L	ND	1.0	0.39	10/07/22 23:13	
Xylene (Total)	ug/L	ND	1.0	0.34	10/07/22 23:13	
1,2-Dichloroethane-d4 (S)	%	103	70-130		10/07/22 23:13	
4-Bromofluorobenzene (S)	%	96	70-130		10/07/22 23:13	
Toluene-d8 (S)	%	99	70-130		10/07/22 23:13	

LABORATORY CONTROL SAMPLE: 3795839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	70-130	
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1-Dichloroethane	ug/L	50	48.8	98	70-130	
1,1-Dichloroethene	ug/L	50	51.6	103	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	70-130	
1,2,3-Trichloropropane	ug/L	50	52.4	105	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.6	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	52.9	106	70-130	
1,2-Dichloroethane	ug/L	50	51.2	102	70-130	
1,2-Dichloropropane	ug/L	50	50.2	100	70-130	
1,3-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,3-Dichloropropane	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	51.9	104	70-130	
2,2-Dichloropropane	ug/L	50	49.1	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3795839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	95.6	96	70-130	
2-Chlorotoluene	ug/L	50	50.0	100	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	51.6	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.7	100	70-130	
Acetone	ug/L	100	94.7	95	70-130	
Benzene	ug/L	50	48.7	97	70-130	
Bromobenzene	ug/L	50	51.1	102	70-130	
Bromochloromethane	ug/L	50	50.6	101	70-130	
Bromodichloromethane	ug/L	50	49.4	99	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	47.6	95	70-130	v3
Carbon tetrachloride	ug/L	50	48.2	96	70-130	
Chlorobenzene	ug/L	50	53.2	106	70-130	
Chloroethane	ug/L	50	59.0	118	70-130	
Chloroform	ug/L	50	49.5	99	70-130	
Chloromethane	ug/L	50	46.7	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.2	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.5	99	70-130	
Dibromochloromethane	ug/L	50	48.5	97	70-130	
Dibromomethane	ug/L	50	51.0	102	70-130	
Dichlorodifluoromethane	ug/L	50	43.0	86	70-130	
Diisopropyl ether	ug/L	50	48.8	98	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.9	106	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	49.6	99	70-130	
Methylene Chloride	ug/L	50	42.1	84	70-130	
Naphthalene	ug/L	50	51.1	102	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
p-Isopropyltoluene	ug/L	50	53.3	107	70-130	
Styrene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	50.3	101	70-130	
Toluene	ug/L	50	50.6	101	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	52.7	105	70-130	v3
Vinyl acetate	ug/L	100	100	100	70-130	
Vinyl chloride	ug/L	50	46.6	93	70-130	
Xylene (Total)	ug/L	150	155	103	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795840 3795841

Parameter	Units	92629875004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.0	21.1	110	106	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.9	22.8	120	114	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.5	21.4	112	107	70-136	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.1	20.9	111	105	70-135	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	22.4	21.1	112	106	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	24.8	23.7	124	119	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.8	23.0	124	115	70-149	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.5	20.8	112	104	70-135	8	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.9	21.6	115	108	71-137	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.0	20.7	110	103	73-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.4	18.3	102	92	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.5	21.5	113	107	70-133	5	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.3	22.0	117	110	70-137	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	22.4	21.4	112	107	70-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.2	21.7	116	108	70-135	7	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	21.0	111	105	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.6	21.0	113	105	70-133	7	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.2	21.8	116	109	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	40	40	46.2	42.2	115	106	60-139	9	30	
2-Chlorotoluene	ug/L	ND	20	20	21.7	20.3	109	101	70-144	7	30	
2-Hexanone	ug/L	ND	40	40	45.5	42.7	114	107	65-138	6	30	
4-Chlorotoluene	ug/L	ND	20	20	22.7	21.3	114	106	70-137	6	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	43.3	41.1	108	103	65-135	5	30	
Acetone	ug/L	ND	40	40	44.7	41.7	112	104	60-148	7	30	
Benzene	ug/L	ND	20	20	21.7	20.8	109	104	70-151	4	30	
Bromobenzene	ug/L	ND	20	20	22.4	20.7	112	104	70-136	8	30	
Bromochloromethane	ug/L	ND	20	20	22.4	21.4	112	107	70-141	5	30	
Bromodichloromethane	ug/L	ND	20	20	21.8	20.7	109	104	70-138	5	30	
Bromoform	ug/L	ND	20	20	19.8	18.5	99	92	63-130	7	30	
Bromomethane	ug/L	ND	20	20	25.2	24.8	126	124	15-152	2	30	
Carbon tetrachloride	ug/L	ND	20	20	23.2	22.4	116	112	70-143	4	30	
Chlorobenzene	ug/L	ND	20	20	23.5	22.0	118	110	70-138	7	30	
Chloroethane	ug/L	ND	20	20	27.9	26.3	140	132	52-163	6	30	
Chloroform	ug/L	ND	20	20	22.4	21.6	112	108	70-139	4	30	
Chloromethane	ug/L	ND	20	20	22.1	21.3	110	107	41-139	3	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.6	21.4	113	107	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	20.0	105	100	70-137	5	30	
Dibromochloromethane	ug/L	ND	20	20	20.5	19.7	103	98	70-134	4	30	
Dibromomethane	ug/L	ND	20	20	22.2	21.7	111	108	70-138	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.5	22.3	117	112	47-155	5	30	v3
Diisopropyl ether	ug/L	ND	20	20	21.2	20.0	106	100	63-144	6	30	
Ethylbenzene	ug/L	ND	20	20	23.0	21.6	115	108	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	24.3	22.9	122	114	65-149	6	30	
m&p-Xylene	ug/L	ND	40	40	46.0	43.6	115	109	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795840 3795841

Parameter	Units	92629875004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	21.7	20.3	108	102	54-156	6	30	
Methylene Chloride	ug/L	ND	20	20	19.2	18.3	96	91	42-159	5	30	
Naphthalene	ug/L	0.67J	20	20	22.5	20.6	109	100	61-148	9	30	
o-Xylene	ug/L	ND	20	20	21.4	20.3	107	102	70-148	5	30	
p-Isopropyltoluene	ug/L	ND	20	20	23.3	21.5	117	108	70-146	8	30	
Styrene	ug/L	ND	20	20	22.1	21.0	110	105	70-135	5	30	
Tetrachloroethene	ug/L	ND	20	20	22.7	21.7	113	108	59-143	5	30	
Toluene	ug/L	ND	20	20	22.4	21.3	112	107	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.8	22.1	114	111	70-146	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.2	19.9	106	100	70-135	6	30	
Trichloroethene	ug/L	ND	20	20	24.0	22.8	120	114	70-147	5	30	
Trichlorofluoromethane	ug/L	ND	20	20	28.0	26.2	140	131	70-148	7	30	
Vinyl acetate	ug/L	ND	40	40	42.5	39.4	106	98	49-151	8	30	
Vinyl chloride	ug/L	ND	20	20	22.6	21.5	113	108	70-156	5	30	
Xylene (Total)	ug/L	ND	60	60	67.4	63.9	112	107	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						104	104	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						97	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729115
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629875008, 92629875013, 92629875015

METHOD BLANK: 3796976 Matrix: Water
Associated Lab Samples: 92629875008, 92629875013, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/11/22 02:35	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/11/22 02:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/11/22 02:35	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/11/22 02:35	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/11/22 02:35	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/11/22 02:35	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/11/22 02:35	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/11/22 02:35	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/11/22 02:35	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/11/22 02:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/11/22 02:35	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/11/22 02:35	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/11/22 02:35	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/11/22 02:35	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/11/22 02:35	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/11/22 02:35	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/11/22 02:35	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/11/22 02:35	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/11/22 02:35	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/11/22 02:35	
2-Hexanone	ug/L	ND	5.0	0.48	10/11/22 02:35	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/11/22 02:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/11/22 02:35	
Acetone	ug/L	ND	25.0	5.1	10/11/22 02:35	
Benzene	ug/L	ND	1.0	0.34	10/11/22 02:35	
Bromobenzene	ug/L	ND	1.0	0.29	10/11/22 02:35	
Bromochloromethane	ug/L	ND	1.0	0.47	10/11/22 02:35	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/11/22 02:35	
Bromoform	ug/L	ND	1.0	0.34	10/11/22 02:35	
Bromomethane	ug/L	ND	2.0	1.7	10/11/22 02:35	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/11/22 02:35	
Chlorobenzene	ug/L	ND	1.0	0.28	10/11/22 02:35	
Chloroethane	ug/L	ND	1.0	0.65	10/11/22 02:35	
Chloroform	ug/L	ND	1.0	0.43	10/11/22 02:35	
Chloromethane	ug/L	ND	1.0	0.54	10/11/22 02:35	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/11/22 02:35	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/11/22 02:35	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/11/22 02:35	
Dibromomethane	ug/L	ND	1.0	0.39	10/11/22 02:35	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/11/22 02:35	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3796976 Matrix: Water
Associated Lab Samples: 92629875008, 92629875013, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/11/22 02:35	
Ethylbenzene	ug/L	ND	1.0	0.30	10/11/22 02:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/11/22 02:35	
m&p-Xylene	ug/L	ND	2.0	0.71	10/11/22 02:35	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/11/22 02:35	
Methylene Chloride	ug/L	ND	5.0	2.0	10/11/22 02:35	
Naphthalene	ug/L	ND	1.0	0.64	10/11/22 02:35	
o-Xylene	ug/L	ND	1.0	0.34	10/11/22 02:35	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/11/22 02:35	
Styrene	ug/L	ND	1.0	0.29	10/11/22 02:35	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/11/22 02:35	
Toluene	ug/L	ND	1.0	0.48	10/11/22 02:35	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/11/22 02:35	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/11/22 02:35	
Trichloroethene	ug/L	ND	1.0	0.38	10/11/22 02:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/11/22 02:35	
Vinyl acetate	ug/L	ND	2.0	1.3	10/11/22 02:35	
Vinyl chloride	ug/L	ND	1.0	0.39	10/11/22 02:35	
Xylene (Total)	ug/L	ND	1.0	0.34	10/11/22 02:35	
1,2-Dichloroethane-d4 (S)	%	92	70-130		10/11/22 02:35	
4-Bromofluorobenzene (S)	%	98	70-130		10/11/22 02:35	
Toluene-d8 (S)	%	100	70-130		10/11/22 02:35	

LABORATORY CONTROL SAMPLE: 3796977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,1-Trichloroethane	ug/L	50	46.2	92	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,2-Trichloroethane	ug/L	50	49.5	99	70-130	
1,1-Dichloroethane	ug/L	50	42.2	84	70-130	
1,1-Dichloroethene	ug/L	50	42.0	84	70-130	
1,1-Dichloropropene	ug/L	50	46.2	92	70-130	
1,2,3-Trichlorobenzene	ug/L	50	56.2	112	70-130	
1,2,3-Trichloropropane	ug/L	50	46.4	93	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.2	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.1	108	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	41.3	83	70-130	
1,2-Dichloropropane	ug/L	50	44.8	90	70-130	
1,3-Dichlorobenzene	ug/L	50	47.7	95	70-130	
1,3-Dichloropropane	ug/L	50	46.9	94	70-130	
1,4-Dichlorobenzene	ug/L	50	47.4	95	70-130	
2,2-Dichloropropane	ug/L	50	41.5	83	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3796977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	93.9	94	70-130	
2-Chlorotoluene	ug/L	50	46.7	93	70-130	
2-Hexanone	ug/L	100	102	102	70-130	
4-Chlorotoluene	ug/L	50	46.8	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.8	96	70-130	
Acetone	ug/L	100	94.8	95	70-130	
Benzene	ug/L	50	43.5	87	70-130	
Bromobenzene	ug/L	50	48.2	96	70-130	
Bromochloromethane	ug/L	50	48.2	96	70-130	
Bromodichloromethane	ug/L	50	45.2	90	70-130	
Bromoform	ug/L	50	52.0	104	70-130	
Bromomethane	ug/L	50	38.7	77	70-130	
Carbon tetrachloride	ug/L	50	47.5	95	70-130	
Chlorobenzene	ug/L	50	48.3	97	70-130	
Chloroethane	ug/L	50	41.0	82	70-130	
Chloroform	ug/L	50	43.6	87	70-130	
Chloromethane	ug/L	50	37.7	75	70-130	
cis-1,2-Dichloroethene	ug/L	50	41.8	84	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.2	96	70-130	
Dibromochloromethane	ug/L	50	50.8	102	70-130	
Dibromomethane	ug/L	50	50.9	102	70-130	
Dichlorodifluoromethane	ug/L	50	44.9	90	70-130	
Diisopropyl ether	ug/L	50	43.7	87	70-130	
Ethylbenzene	ug/L	50	45.5	91	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	70-130	
m&p-Xylene	ug/L	100	92.7	93	70-130	
Methyl-tert-butyl ether	ug/L	50	45.4	91	70-130	
Methylene Chloride	ug/L	50	41.9	84	70-130	
Naphthalene	ug/L	50	55.5	111	70-130	
o-Xylene	ug/L	50	47.4	95	70-130	
p-Isopropyltoluene	ug/L	50	48.7	97	70-130	
Styrene	ug/L	50	49.4	99	70-130	
Tetrachloroethene	ug/L	50	47.5	95	70-130	
Toluene	ug/L	50	44.6	89	70-130	
trans-1,2-Dichloroethene	ug/L	50	41.3	83	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	70-130	
Trichloroethene	ug/L	50	47.9	96	70-130	
Trichlorofluoromethane	ug/L	50	39.7	79	70-130	
Vinyl acetate	ug/L	100	94.1	94	70-130	
Vinyl chloride	ug/L	50	44.6	89	70-130	
Xylene (Total)	ug/L	150	140	93	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796978 3796979

Parameter	Units	92629875013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.1	19.8	100	99	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.4	21.1	107	105	82-143	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.5	19.1	97	96	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.3	20.4	107	102	70-135	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	20.8	20.3	104	101	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	22.0	21.4	110	107	70-154	3	30	
1,1-Dichloropropene	ug/L	ND	20	20	22.6	22.0	113	110	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.1	20.4	105	102	70-135	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.3	19.0	96	95	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	20.4	106	102	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.6	18.2	93	91	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.1	19.5	100	97	70-133	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.7	20.1	104	101	70-137	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.3	108	107	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.1	19.5	101	98	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	19.4	19.1	97	96	70-143	2	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	19.3	19.3	97	97	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	21.3	20.5	106	102	61-148	4	30	
2-Butanone (MEK)	ug/L	ND	40	40	38.2	37.3	95	93	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	19.9	19.6	99	98	70-144	1	30	
2-Hexanone	ug/L	ND	40	40	39.8	39.4	100	98	65-138	1	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	40.8	39.7	102	99	65-135	3	30	
Acetone	ug/L	ND	40	40	38.9	37.9	97	95	60-148	2	30	
Benzene	ug/L	ND	20	20	20.3	20.0	102	100	70-151	2	30	
Bromobenzene	ug/L	ND	20	20	19.1	18.9	95	94	70-136	1	30	
Bromochloromethane	ug/L	ND	20	20	21.6	21.0	108	105	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.2	20.4	106	102	70-138	4	30	
Bromoform	ug/L	ND	20	20	18.9	18.4	94	92	63-130	2	30	
Bromomethane	ug/L	ND	20	20	19.4	18.6	97	93	15-152	4	30	
Carbon tetrachloride	ug/L	ND	20	20	21.8	21.4	109	107	70-143	2	30	
Chlorobenzene	ug/L	ND	20	20	20.2	20.2	101	101	70-138	0	30	
Chloroethane	ug/L	ND	20	20	22.5	22.7	113	114	52-163	1	30	
Chloroform	ug/L	ND	20	20	20.7	20.5	103	102	70-139	1	30	
Chloromethane	ug/L	ND	20	20	23.2	22.1	116	110	41-139	5	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.3	20.5	106	103	70-141	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.4	20.4	102	102	70-137	0	30	
Dibromochloromethane	ug/L	ND	20	20	18.8	18.8	94	94	70-134	0	30	
Dibromomethane	ug/L	ND	20	20	21.8	21.2	109	106	70-138	3	30	
Dichlorodifluoromethane	ug/L	ND	20	20	21.6	21.1	108	106	47-155	2	30	
Diisopropyl ether	ug/L	ND	20	20	19.8	19.2	99	96	63-144	3	30	
Ethylbenzene	ug/L	ND	20	20	20.4	20.3	102	101	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.5	22.1	117	110	65-149	6	30	
m&p-Xylene	ug/L	ND	40	40	41.6	41.7	104	104	69-152	0	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796978 3796979

Parameter	Units	92629875013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	19.6	19.4	98	97	54-156	1	30	
Methylene Chloride	ug/L	ND	20	20	20.8	20.5	104	102	42-159	2	30	v1
Naphthalene	ug/L	ND	20	20	20.8	19.8	104	99	61-148	5	30	
o-Xylene	ug/L	ND	20	20	20.1	20.0	101	100	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.5	20.4	108	102	70-146	5	30	
Styrene	ug/L	ND	20	20	20.8	20.5	104	103	70-135	1	30	
Tetrachloroethene	ug/L	ND	20	20	20.1	20.3	101	101	59-143	1	30	
Toluene	ug/L	ND	20	20	20.9	20.8	104	104	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.7	20.9	108	104	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.8	20.6	104	103	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	22.4	21.8	112	109	70-147	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.3	20.1	102	100	70-148	1	30	
Vinyl acetate	ug/L	ND	40	40	39.0	38.0	97	95	49-151	2	30	
Vinyl chloride	ug/L	ND	20	20	23.2	22.9	116	114	70-156	1	30	
Xylene (Total)	ug/L	ND	60	60	61.8	61.6	103	103	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						104	103	70-130			
Toluene-d8 (S)	%						102	102	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729312
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629875006, 92629875009, 92629875010

METHOD BLANK: 3797895 Matrix: Water
Associated Lab Samples: 92629875006, 92629875009, 92629875010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/12/22 01:19	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/12/22 01:19	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/12/22 01:19	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/12/22 01:19	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/12/22 01:19	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/12/22 01:19	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/12/22 01:19	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/12/22 01:19	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/12/22 01:19	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/12/22 01:19	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/12/22 01:19	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/12/22 01:19	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/12/22 01:19	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/12/22 01:19	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/12/22 01:19	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/12/22 01:19	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/12/22 01:19	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/12/22 01:19	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/12/22 01:19	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/12/22 01:19	
2-Hexanone	ug/L	ND	5.0	0.48	10/12/22 01:19	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/12/22 01:19	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/12/22 01:19	
Acetone	ug/L	ND	25.0	5.1	10/12/22 01:19	
Benzene	ug/L	ND	1.0	0.34	10/12/22 01:19	
Bromobenzene	ug/L	ND	1.0	0.29	10/12/22 01:19	
Bromochloromethane	ug/L	ND	1.0	0.47	10/12/22 01:19	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/12/22 01:19	
Bromoform	ug/L	ND	1.0	0.34	10/12/22 01:19	
Bromomethane	ug/L	ND	2.0	1.7	10/12/22 01:19	
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/12/22 01:19	
Chlorobenzene	ug/L	ND	1.0	0.28	10/12/22 01:19	
Chloroethane	ug/L	ND	1.0	0.65	10/12/22 01:19	
Chloroform	ug/L	ND	1.0	0.43	10/12/22 01:19	
Chloromethane	ug/L	ND	1.0	0.54	10/12/22 01:19	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/12/22 01:19	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/12/22 01:19	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/12/22 01:19	
Dibromomethane	ug/L	ND	1.0	0.39	10/12/22 01:19	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/12/22 01:19	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3797895 Matrix: Water
Associated Lab Samples: 92629875006, 92629875009, 92629875010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/12/22 01:19	
Ethylbenzene	ug/L	ND	1.0	0.30	10/12/22 01:19	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/12/22 01:19	
m&p-Xylene	ug/L	ND	2.0	0.71	10/12/22 01:19	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/12/22 01:19	
Methylene Chloride	ug/L	ND	5.0	2.0	10/12/22 01:19	
Naphthalene	ug/L	ND	1.0	0.64	10/12/22 01:19	
o-Xylene	ug/L	ND	1.0	0.34	10/12/22 01:19	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/12/22 01:19	
Styrene	ug/L	ND	1.0	0.29	10/12/22 01:19	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/12/22 01:19	
Toluene	ug/L	ND	1.0	0.48	10/12/22 01:19	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/12/22 01:19	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/12/22 01:19	
Trichloroethene	ug/L	ND	1.0	0.38	10/12/22 01:19	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/12/22 01:19	
Vinyl acetate	ug/L	ND	2.0	1.3	10/12/22 01:19	
Vinyl chloride	ug/L	ND	1.0	0.39	10/12/22 01:19	
Xylene (Total)	ug/L	ND	1.0	0.34	10/12/22 01:19	
1,2-Dichloroethane-d4 (S)	%	100	70-130		10/12/22 01:19	
4-Bromofluorobenzene (S)	%	97	70-130		10/12/22 01:19	
Toluene-d8 (S)	%	101	70-130		10/12/22 01:19	

LABORATORY CONTROL SAMPLE: 3797896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.3	107	70-130	
1,1,1-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.0	104	70-130	
1,1,2-Trichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethene	ug/L	50	51.3	103	70-130	
1,1-Dichloropropene	ug/L	50	54.9	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.5	105	70-130	
1,2,3-Trichloropropane	ug/L	50	50.3	101	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.3	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.1	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	51.5	103	70-130	
1,2-Dichloropropane	ug/L	50	52.2	104	70-130	
1,3-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,3-Dichloropropane	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	49.9	100	70-130	
2,2-Dichloropropane	ug/L	50	51.7	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3797896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	50.7	101	70-130	
2-Hexanone	ug/L	100	110	110	70-130	
4-Chlorotoluene	ug/L	50	51.0	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	99.8	100	70-130	
Benzene	ug/L	50	48.9	98	70-130	
Bromobenzene	ug/L	50	50.0	100	70-130	
Bromochloromethane	ug/L	50	50.3	101	70-130	
Bromodichloromethane	ug/L	50	51.5	103	70-130	
Bromoform	ug/L	50	52.5	105	70-130	
Bromomethane	ug/L	50	47.0	94	70-130	
Carbon tetrachloride	ug/L	50	51.2	102	70-130	
Chlorobenzene	ug/L	50	50.6	101	70-130	
Chloroethane	ug/L	50	49.4	99	70-130	
Chloroform	ug/L	50	50.0	100	70-130	
Chloromethane	ug/L	50	47.8	96	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	70-130	
Dibromochloromethane	ug/L	50	52.5	105	70-130	
Dibromomethane	ug/L	50	49.8	100	70-130	
Dichlorodifluoromethane	ug/L	50	48.7	97	70-130	
Diisopropyl ether	ug/L	50	52.1	104	70-130	
Ethylbenzene	ug/L	50	51.5	103	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	52.4	105	70-130	
Methylene Chloride	ug/L	50	49.9	100	70-130	
Naphthalene	ug/L	50	56.3	113	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	
p-Isopropyltoluene	ug/L	50	53.4	107	70-130	
Styrene	ug/L	50	53.8	108	70-130	
Tetrachloroethene	ug/L	50	48.9	98	70-130	
Toluene	ug/L	50	49.2	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	70-130	
Trichloroethene	ug/L	50	52.4	105	70-130	
Trichlorofluoromethane	ug/L	50	48.8	98	70-130	
Vinyl acetate	ug/L	100	110	110	70-130	
Vinyl chloride	ug/L	50	52.0	104	70-130	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797897 3797898

Parameter	Units	92629790020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	26.0	26.3	130	132	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	26.6	26.5	133	133	82-143	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	25.4	25.4	127	127	70-136	0	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	25.7	25.6	129	128	70-135	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.9	24.7	124	123	70-139	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	26.8	26.6	134	133	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	28.0	27.4	140	137	70-149	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	25.7	26.4	129	132	70-135	3	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	24.7	24.6	124	123	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	25.4	25.2	127	126	73-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	24.2	122	121	65-134	1	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	25.4	25.4	127	127	70-133	0	30	
1,2-Dichloroethane	ug/L	ND	20	20	25.4	25.2	127	126	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	20	20	25.8	26.0	129	130	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	25.5	25.3	127	126	70-135	1	30	
1,3-Dichloropropane	ug/L	ND	20	20	25.4	25.2	127	126	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	25.0	24.5	125	122	70-133	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	27.1	26.9	136	134	61-148	1	30	
2-Butanone (MEK)	ug/L	ND	40	40	47.0	48.0	118	120	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	25.9	25.9	130	129	70-144	0	30	
2-Hexanone	ug/L	ND	40	40	51.6	52.2	129	130	65-138	1	30	
4-Chlorotoluene	ug/L	ND	20	20	25.6	26.0	128	130	70-137	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	49.0	49.2	123	123	65-135	0	30	
Acetone	ug/L	ND	40	40	50.5	51.3	110	112	60-148	2	30	
Benzene	ug/L	ND	20	20	24.9	25.0	125	125	70-151	0	30	
Bromobenzene	ug/L	ND	20	20	25.3	25.2	126	126	70-136	0	30	
Bromochloromethane	ug/L	ND	20	20	25.2	25.0	126	125	70-141	1	30	
Bromodichloromethane	ug/L	ND	20	20	25.5	25.4	127	127	70-138	0	30	
Bromoform	ug/L	ND	20	20	24.7	24.6	123	123	63-130	0	30	
Bromomethane	ug/L	ND	20	20	27.3	26.7	137	133	15-152	2	30	
Carbon tetrachloride	ug/L	ND	20	20	27.1	27.1	135	136	70-143	0	30	
Chlorobenzene	ug/L	ND	20	20	25.7	25.6	128	128	70-138	0	30	
Chloroethane	ug/L	ND	20	20	28.6	28.4	143	142	52-163	1	30	v1
Chloroform	ug/L	ND	20	20	24.7	25.1	124	126	70-139	2	30	
Chloromethane	ug/L	ND	20	20	25.7	25.8	129	129	41-139	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.5	25.2	127	126	70-141	1	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	25.6	25.6	128	128	70-137	0	30	
Dibromochloromethane	ug/L	ND	20	20	25.7	25.4	129	127	70-134	2	30	
Dibromomethane	ug/L	ND	20	20	25.1	24.9	126	125	70-138	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	25.3	25.2	127	126	47-155	0	30	
Diisopropyl ether	ug/L	ND	20	20	24.7	24.8	124	124	63-144	0	30	
Ethylbenzene	ug/L	ND	20	20	26.3	26.1	132	130	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.4	26.8	137	134	65-149	2	30	
m&p-Xylene	ug/L	ND	40	40	53.7	53.2	134	133	69-152	1	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797897 3797898

Parameter	Units	92629790020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	24.7	24.7	124	124	54-156	0	30	
Methylene Chloride	ug/L	ND	20	20	25.4	25.1	127	125	42-159	2	30	v1
Naphthalene	ug/L	ND	20	20	26.9	27.3	135	136	61-148	1	30	
o-Xylene	ug/L	ND	20	20	26.3	26.1	132	130	70-148	1	30	
p-Isopropyltoluene	ug/L	ND	20	20	27.0	26.9	135	135	70-146	0	30	
Styrene	ug/L	ND	20	20	27.0	26.6	135	133	70-135	1	30	
Tetrachloroethene	ug/L	ND	20	20	25.1	25.0	126	125	59-143	0	30	
Toluene	ug/L	ND	20	20	25.2	25.1	126	125	59-148	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	26.0	25.8	130	129	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	26.0	25.9	130	129	70-135	0	30	
Trichloroethene	ug/L	ND	20	20	26.8	26.8	134	134	70-147	0	30	
Trichlorofluoromethane	ug/L	ND	20	20	26.3	25.9	131	129	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	49.2	49.3	123	123	49-151	0	30	
Vinyl chloride	ug/L	ND	20	20	26.9	26.8	135	134	70-156	1	30	
Xylene (Total)	ug/L	ND	60	60	80.0	79.3	133	132	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						102	101	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729350
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629875011, 92629875012

METHOD BLANK: 3798128 Matrix: Water
Associated Lab Samples: 92629875011, 92629875012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/11/22 14:39	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/11/22 14:39	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/11/22 14:39	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/11/22 14:39	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/11/22 14:39	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/11/22 14:39	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/11/22 14:39	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/11/22 14:39	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/11/22 14:39	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/11/22 14:39	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/11/22 14:39	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/11/22 14:39	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/11/22 14:39	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/11/22 14:39	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/11/22 14:39	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/11/22 14:39	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/11/22 14:39	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/11/22 14:39	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/11/22 14:39	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/11/22 14:39	
2-Hexanone	ug/L	ND	5.0	0.48	10/11/22 14:39	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/11/22 14:39	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/11/22 14:39	
Acetone	ug/L	ND	25.0	5.1	10/11/22 14:39	
Benzene	ug/L	ND	1.0	0.34	10/11/22 14:39	
Bromobenzene	ug/L	ND	1.0	0.29	10/11/22 14:39	
Bromochloromethane	ug/L	ND	1.0	0.47	10/11/22 14:39	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/11/22 14:39	
Bromoform	ug/L	ND	1.0	0.34	10/11/22 14:39	
Bromomethane	ug/L	ND	2.0	1.7	10/11/22 14:39	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/11/22 14:39	
Chlorobenzene	ug/L	ND	1.0	0.28	10/11/22 14:39	
Chloroethane	ug/L	ND	1.0	0.65	10/11/22 14:39	
Chloroform	ug/L	ND	1.0	0.43	10/11/22 14:39	
Chloromethane	ug/L	ND	1.0	0.54	10/11/22 14:39	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/11/22 14:39	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/11/22 14:39	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/11/22 14:39	
Dibromomethane	ug/L	ND	1.0	0.39	10/11/22 14:39	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/11/22 14:39	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3798128 Matrix: Water
Associated Lab Samples: 92629875011, 92629875012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/11/22 14:39	
Ethylbenzene	ug/L	ND	1.0	0.30	10/11/22 14:39	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/11/22 14:39	
m&p-Xylene	ug/L	ND	2.0	0.71	10/11/22 14:39	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/11/22 14:39	
Methylene Chloride	ug/L	ND	5.0	2.0	10/11/22 14:39	
Naphthalene	ug/L	ND	1.0	0.64	10/11/22 14:39	
o-Xylene	ug/L	ND	1.0	0.34	10/11/22 14:39	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/11/22 14:39	
Styrene	ug/L	ND	1.0	0.29	10/11/22 14:39	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/11/22 14:39	
Toluene	ug/L	ND	1.0	0.48	10/11/22 14:39	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/11/22 14:39	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/11/22 14:39	
Trichloroethene	ug/L	ND	1.0	0.38	10/11/22 14:39	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/11/22 14:39	
Vinyl acetate	ug/L	ND	2.0	1.3	10/11/22 14:39	
Vinyl chloride	ug/L	ND	1.0	0.39	10/11/22 14:39	
Xylene (Total)	ug/L	ND	1.0	0.34	10/11/22 14:39	
1,2-Dichloroethane-d4 (S)	%	90	70-130		10/11/22 14:39	
4-Bromofluorobenzene (S)	%	98	70-130		10/11/22 14:39	
Toluene-d8 (S)	%	101	70-130		10/11/22 14:39	

LABORATORY CONTROL SAMPLE: 3798129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.8	104	70-130	
1,1,1-Trichloroethane	ug/L	50	44.5	89	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.9	96	70-130	
1,1,2-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1-Dichloroethane	ug/L	50	40.3	81	70-130	
1,1-Dichloroethene	ug/L	50	40.7	81	70-130	
1,1-Dichloropropene	ug/L	50	43.4	87	70-130	
1,2,3-Trichlorobenzene	ug/L	50	56.9	114	70-130	
1,2,3-Trichloropropane	ug/L	50	46.1	92	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.1	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	48.1	96	70-130	
1,2-Dichloroethane	ug/L	50	39.7	79	70-130	
1,2-Dichloropropane	ug/L	50	42.4	85	70-130	
1,3-Dichlorobenzene	ug/L	50	46.9	94	70-130	
1,3-Dichloropropane	ug/L	50	46.7	93	70-130	
1,4-Dichlorobenzene	ug/L	50	46.4	93	70-130	
2,2-Dichloropropane	ug/L	50	42.6	85	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3798129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	87.2	87	70-130	
2-Chlorotoluene	ug/L	50	45.1	90	70-130	
2-Hexanone	ug/L	100	100	100	70-130	
4-Chlorotoluene	ug/L	50	45.3	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	92.8	93	70-130	
Acetone	ug/L	100	91.3	91	70-130	
Benzene	ug/L	50	41.2	82	70-130	
Bromobenzene	ug/L	50	48.2	96	70-130	
Bromochloromethane	ug/L	50	47.4	95	70-130	
Bromodichloromethane	ug/L	50	45.0	90	70-130	
Bromoform	ug/L	50	54.1	108	70-130	
Bromomethane	ug/L	50	38.4	77	70-130	v3
Carbon tetrachloride	ug/L	50	47.8	96	70-130	
Chlorobenzene	ug/L	50	48.1	96	70-130	
Chloroethane	ug/L	50	40.4	81	70-130	
Chloroform	ug/L	50	41.4	83	70-130	
Chloromethane	ug/L	50	40.5	81	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	40.5	81	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.4	95	70-130	
Dibromochloromethane	ug/L	50	51.5	103	70-130	
Dibromomethane	ug/L	50	49.3	99	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	42.5	85	70-130	
Ethylbenzene	ug/L	50	45.7	91	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.0	100	70-130	
m&p-Xylene	ug/L	100	92.2	92	70-130	
Methyl-tert-butyl ether	ug/L	50	43.1	86	70-130	
Methylene Chloride	ug/L	50	41.3	83	70-130	
Naphthalene	ug/L	50	55.2	110	70-130	
o-Xylene	ug/L	50	47.1	94	70-130	
p-Isopropyltoluene	ug/L	50	48.1	96	70-130	
Styrene	ug/L	50	49.1	98	70-130	
Tetrachloroethene	ug/L	50	46.8	94	70-130	
Toluene	ug/L	50	42.6	85	70-130	
trans-1,2-Dichloroethene	ug/L	50	39.9	80	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	70-130	
Trichloroethene	ug/L	50	48.6	97	70-130	
Trichlorofluoromethane	ug/L	50	41.9	84	70-130	
Vinyl acetate	ug/L	100	90.7	91	70-130	
Vinyl chloride	ug/L	50	42.2	84	70-130	
Xylene (Total)	ug/L	150	139	93	70-130	
1,2-Dichloroethane-d4 (S)	%			85	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3798130 3798131

Parameter	Units	92630216005 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	24.7	25.7	123	129	73-134	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.2	26.3	126	131	82-143	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.5	24.8	118	124	70-136	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	24.0	25.0	120	125	70-135	4	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.6	24.7	118	123	70-139	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.4	26.4	127	132	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	26.3	27.4	132	137	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.9	26.5	125	132	70-135	6	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.9	24.0	115	120	71-137	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.8	25.7	124	129	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.1	23.5	115	117	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	24.6	25.5	123	127	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	24.0	25.3	120	126	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	25.0	25.3	125	127	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	25.0	25.7	125	128	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	23.7	24.9	119	125	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	24.4	24.9	122	124	70-133	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.9	27.0	130	135	61-148	4	30	
2-Butanone (MEK)	ug/L	ND	40	40	42.7	45.6	107	114	60-139	7	30	
2-Chlorotoluene	ug/L	ND	20	20	25.5	26.0	128	130	70-144	2	30	
2-Hexanone	ug/L	ND	40	40	47.1	49.6	118	124	65-138	5	30	
4-Chlorotoluene	ug/L	ND	20	20	25.5	25.8	127	129	70-137	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	45.2	47.3	113	118	65-135	5	30	
Acetone	ug/L	ND	40	40	41.9	45.7	105	114	60-148	9	30	
Benzene	ug/L	ND	20	20	23.9	24.6	119	123	70-151	3	30	
Bromobenzene	ug/L	ND	20	20	24.5	25.1	122	126	70-136	3	30	
Bromochloromethane	ug/L	ND	20	20	23.8	25.0	119	125	70-141	5	30	
Bromodichloromethane	ug/L	ND	20	20	24.2	25.4	121	127	70-138	5	30	
Bromoform	ug/L	ND	20	20	22.8	24.5	114	123	63-130	7	30	
Bromomethane	ug/L	ND	20	20	25.7	26.6	129	133	15-152	3	30	
Carbon tetrachloride	ug/L	ND	20	20	25.8	26.1	129	130	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	24.7	25.4	124	127	70-138	3	30	
Chloroethane	ug/L	ND	20	20	27.9	29.2	139	146	52-163	5	30	v1
Chloroform	ug/L	ND	20	20	23.7	25.0	119	125	70-139	5	30	
Chloromethane	ug/L	ND	20	20	24.3	25.5	122	127	41-139	5	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.1	25.1	120	125	70-141	4	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.4	25.2	122	126	70-137	4	30	
Dibromochloromethane	ug/L	ND	20	20	23.9	25.3	120	127	70-134	6	30	
Dibromomethane	ug/L	ND	20	20	23.9	24.5	120	122	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	24.5	25.4	122	127	47-155	4	30	
Diisopropyl ether	ug/L	ND	20	20	23.3	24.7	116	123	63-144	6	30	
Ethylbenzene	ug/L	ND	20	20	25.1	26.0	126	130	66-153	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.1	27.1	136	136	65-149	0	30	
m&p-Xylene	ug/L	ND	40	40	50.9	53.2	127	133	69-152	4	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3798130 3798131

Parameter	Units	92630216005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	24.8	116	124	54-156	7	30	
Methylene Chloride	ug/L	ND	20	20	24.1	25.4	121	127	42-159	5	30	v1
Naphthalene	ug/L	ND	20	20	25.8	26.7	129	134	61-148	4	30	
o-Xylene	ug/L	ND	20	20	25.3	26.0	127	130	70-148	3	30	
p-Isopropyltoluene	ug/L	ND	20	20	26.9	27.5	134	137	70-146	2	30	
Styrene	ug/L	ND	20	20	25.6	26.4	128	132	70-135	3	30	
Tetrachloroethene	ug/L	ND	20	20	24.4	25.1	122	125	59-143	3	30	
Toluene	ug/L	ND	20	20	24.1	24.8	121	124	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.8	25.7	124	129	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.3	25.2	122	126	70-135	3	30	
Trichloroethene	ug/L	ND	20	20	25.9	26.3	129	132	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.8	25.8	124	129	70-148	4	30	
Vinyl acetate	ug/L	ND	40	40	46.4	49.3	116	123	49-151	6	30	
Vinyl chloride	ug/L	ND	20	20	25.8	26.6	129	133	70-156	3	30	
Xylene (Total)	ug/L	ND	60	60	76.3	79.2	127	132	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						100	102	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729490
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92629875007

METHOD BLANK: 3798777 Matrix: Water
Associated Lab Samples: 92629875007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	10/12/22 15:04	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	10/12/22 15:04	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/12/22 15:04	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	10/12/22 15:04	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	10/12/22 15:04	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	10/12/22 15:04	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	10/12/22 15:04	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	10/12/22 15:04	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	10/12/22 15:04	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	10/12/22 15:04	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	10/12/22 15:04	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	10/12/22 15:04	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	10/12/22 15:04	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	10/12/22 15:04	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	10/12/22 15:04	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	10/12/22 15:04	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	10/12/22 15:04	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	10/12/22 15:04	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	10/12/22 15:04	
2-Chlorotoluene	ug/L	ND	1.0	0.32	10/12/22 15:04	
2-Hexanone	ug/L	ND	5.0	0.48	10/12/22 15:04	
4-Chlorotoluene	ug/L	ND	1.0	0.32	10/12/22 15:04	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	10/12/22 15:04	
Acetone	ug/L	ND	25.0	5.1	10/12/22 15:04	v1
Benzene	ug/L	ND	1.0	0.34	10/12/22 15:04	
Bromobenzene	ug/L	ND	1.0	0.29	10/12/22 15:04	
Bromochloromethane	ug/L	ND	1.0	0.47	10/12/22 15:04	
Bromodichloromethane	ug/L	ND	1.0	0.31	10/12/22 15:04	
Bromoform	ug/L	ND	1.0	0.34	10/12/22 15:04	
Bromomethane	ug/L	ND	2.0	1.7	10/12/22 15:04	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	10/12/22 15:04	
Chlorobenzene	ug/L	ND	1.0	0.28	10/12/22 15:04	
Chloroethane	ug/L	ND	1.0	0.65	10/12/22 15:04	
Chloroform	ug/L	ND	1.0	0.43	10/12/22 15:04	
Chloromethane	ug/L	ND	1.0	0.54	10/12/22 15:04	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	10/12/22 15:04	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/12/22 15:04	
Dibromochloromethane	ug/L	ND	1.0	0.36	10/12/22 15:04	
Dibromomethane	ug/L	ND	1.0	0.39	10/12/22 15:04	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	10/12/22 15:04	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3798777 Matrix: Water
Associated Lab Samples: 92629875007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	10/12/22 15:04	
Ethylbenzene	ug/L	ND	1.0	0.30	10/12/22 15:04	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	10/12/22 15:04	
m&p-Xylene	ug/L	ND	2.0	0.71	10/12/22 15:04	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	10/12/22 15:04	
Methylene Chloride	ug/L	4.2J	5.0	2.0	10/12/22 15:04	v1
Naphthalene	ug/L	ND	1.0	0.64	10/12/22 15:04	
o-Xylene	ug/L	ND	1.0	0.34	10/12/22 15:04	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	10/12/22 15:04	
Styrene	ug/L	ND	1.0	0.29	10/12/22 15:04	
Tetrachloroethene	ug/L	ND	1.0	0.29	10/12/22 15:04	
Toluene	ug/L	ND	1.0	0.48	10/12/22 15:04	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	10/12/22 15:04	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	10/12/22 15:04	
Trichloroethene	ug/L	ND	1.0	0.38	10/12/22 15:04	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	10/12/22 15:04	
Vinyl acetate	ug/L	ND	2.0	1.3	10/12/22 15:04	
Vinyl chloride	ug/L	ND	1.0	0.39	10/12/22 15:04	
Xylene (Total)	ug/L	ND	1.0	0.34	10/12/22 15:04	
1,2-Dichloroethane-d4 (S)	%	126	70-130		10/12/22 15:04	
4-Bromofluorobenzene (S)	%	98	70-130		10/12/22 15:04	
Toluene-d8 (S)	%	109	70-130		10/12/22 15:04	

LABORATORY CONTROL SAMPLE: 3798778

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.6	89	70-130	
1,1,1-Trichloroethane	ug/L	50	51.7	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	70-130	
1,1,2-Trichloroethane	ug/L	50	47.1	94	70-130	
1,1-Dichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethene	ug/L	50	53.6	107	70-130	
1,1-Dichloropropene	ug/L	50	52.1	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	42.3	85	70-130	
1,2,3-Trichloropropane	ug/L	50	50.9	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	42.3	85	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	85	70-130	
1,2-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,2-Dichloroethane	ug/L	50	56.1	112	70-130	
1,2-Dichloropropane	ug/L	50	49.0	98	70-130	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,3-Dichloropropane	ug/L	50	47.8	96	70-130	
1,4-Dichlorobenzene	ug/L	50	46.7	93	70-130	
2,2-Dichloropropane	ug/L	50	50.2	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3798778

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	110	110	70-130	
2-Chlorotoluene	ug/L	50	49.3	99	70-130	
2-Hexanone	ug/L	100	107	107	70-130	
4-Chlorotoluene	ug/L	50	50.4	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-130	
Acetone	ug/L	100	122	122	70-130	v1
Benzene	ug/L	50	44.2	88	70-130	
Bromobenzene	ug/L	50	45.9	92	70-130	
Bromochloromethane	ug/L	50	48.1	96	70-130	
Bromodichloromethane	ug/L	50	47.8	96	70-130	
Bromoform	ug/L	50	41.9	84	70-130	
Bromomethane	ug/L	50	47.0	94	70-130	v3
Carbon tetrachloride	ug/L	50	43.4	87	70-130	
Chlorobenzene	ug/L	50	47.0	94	70-130	
Chloroethane	ug/L	50	61.2	122	70-130	
Chloroform	ug/L	50	52.1	104	70-130	
Chloromethane	ug/L	50	54.6	109	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Dibromochloromethane	ug/L	50	42.3	85	70-130	
Dibromomethane	ug/L	50	42.8	86	70-130	
Dichlorodifluoromethane	ug/L	50	63.3	127	70-130	
Diisopropyl ether	ug/L	50	51.7	103	70-130	
Ethylbenzene	ug/L	50	47.3	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	42.0	84	70-130	
m&p-Xylene	ug/L	100	96.0	96	70-130	
Methyl-tert-butyl ether	ug/L	50	49.9	100	70-130	
Methylene Chloride	ug/L	50	86.1	172	70-130	L1,v1
Naphthalene	ug/L	50	44.5	89	70-130	
o-Xylene	ug/L	50	44.9	90	70-130	
p-Isopropyltoluene	ug/L	50	48.1	96	70-130	
Styrene	ug/L	50	46.4	93	70-130	
Tetrachloroethene	ug/L	50	40.3	81	70-130	
Toluene	ug/L	50	46.9	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.6	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Trichloroethene	ug/L	50	46.5	93	70-130	
Trichlorofluoromethane	ug/L	50	51.6	103	70-130	
Vinyl acetate	ug/L	100	110	110	70-130	
Vinyl chloride	ug/L	50	56.0	112	70-130	
Xylene (Total)	ug/L	150	141	94	70-130	
1,2-Dichloroethane-d4 (S)	%			114	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			102	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3799631 3799632

Parameter	Units	92629466004 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	400	400	383	383	96	96	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	400	400	457	480	114	120	82-143	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	433	463	108	116	70-136	7	30	
1,1,2-Trichloroethane	ug/L	ND	400	400	399	408	100	102	70-135	2	30	
1,1-Dichloroethane	ug/L	ND	400	400	469	492	117	123	70-139	5	30	
1,1-Dichloroethene	ug/L	ND	400	400	501	542	125	136	70-154	8	30	
1,1-Dichloropropene	ug/L	ND	400	400	482	503	120	126	70-149	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	400	400	337	363	84	91	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	400	400	423	461	106	115	71-137	9	30	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	337	371	84	93	73-140	10	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	326	364	81	91	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	400	400	399	423	100	106	70-133	6	30	
1,2-Dichloroethane	ug/L	ND	400	400	481	511	120	128	70-137	6	30	
1,2-Dichloropropane	ug/L	ND	400	400	433	442	108	111	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	400	400	397	427	99	107	70-135	7	30	
1,3-Dichloropropane	ug/L	ND	400	400	404	433	101	108	70-143	7	30	
1,4-Dichlorobenzene	ug/L	ND	400	400	401	420	100	105	70-133	5	30	
2,2-Dichloropropane	ug/L	ND	400	400	435	463	109	116	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	800	800	913	1020	107	120	60-139	11	30	
2-Chlorotoluene	ug/L	ND	400	400	463	492	116	123	70-144	6	30	
2-Hexanone	ug/L	ND	800	800	806	915	101	114	65-138	13	30	
4-Chlorotoluene	ug/L	ND	400	400	426	449	106	112	70-137	5	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	800	800	840	918	105	115	65-135	9	30	
Acetone	ug/L	301J	800	800	1210	1390	114	136	60-148	14	30	v1
Benzene	ug/L	1700	400	400	2170	2070	119	93	70-151	5	30	
Bromobenzene	ug/L	ND	400	400	375	415	94	104	70-136	10	30	
Bromochloromethane	ug/L	ND	400	400	390	453	97	113	70-141	15	30	
Bromodichloromethane	ug/L	ND	400	400	400	409	100	102	70-138	2	30	
Bromoform	ug/L	ND	400	400	322	350	81	88	63-130	8	30	
Bromomethane	ug/L	ND	400	400	406	456	101	114	15-152	12	30	v3
Carbon tetrachloride	ug/L	ND	400	400	399	408	100	102	70-143	2	30	
Chlorobenzene	ug/L	ND	400	400	408	426	102	106	70-138	4	30	
Chloroethane	ug/L	ND	400	400	576	626	144	156	52-163	8	30	
Chloroform	ug/L	ND	400	400	468	464	117	116	70-139	1	30	
Chloromethane	ug/L	ND	400	400	569	598	142	149	41-139	5	30	M1
cis-1,2-Dichloroethene	ug/L	ND	400	400	472	491	118	123	70-141	4	30	
cis-1,3-Dichloropropene	ug/L	ND	400	400	381	400	95	100	70-137	5	30	
Dibromochloromethane	ug/L	ND	400	400	346	368	86	92	70-134	6	30	
Dibromomethane	ug/L	ND	400	400	361	377	90	94	70-138	4	30	
Dichlorodifluoromethane	ug/L	ND	400	400	573	594	143	149	47-155	4	30	
Diisopropyl ether	ug/L	103	400	400	603	620	125	129	63-144	3	30	
Ethylbenzene	ug/L	251	400	400	676	678	106	107	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	354	371	88	93	65-149	5	30	
m&p-Xylene	ug/L	769	800	800	1630	1620	108	107	69-152	0	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3799631 3799632

Parameter	Units	92629466004 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	54.5	400	400	495	528	110	118	54-156	6	30	
Methylene Chloride	ug/L	330	400	400	810	856	120	131	42-159	6	30	v1
Naphthalene	ug/L	82.8	400	400	478	491	99	102	61-148	3	30	
o-Xylene	ug/L	375	400	400	788	788	103	103	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	400	400	419	438	105	109	70-146	4	30	
Styrene	ug/L	ND	400	400	389	405	97	101	70-135	4	30	
Tetrachloroethene	ug/L	ND	400	400	369	383	92	96	59-143	4	30	
Toluene	ug/L	3000	400	400	3370	3280	93	69	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	400	400	490	513	123	128	70-146	4	30	
trans-1,3-Dichloropropene	ug/L	ND	400	400	394	405	98	101	70-135	3	30	
Trichloroethene	ug/L	ND	400	400	408	423	102	106	70-147	4	30	
Trichlorofluoromethane	ug/L	ND	400	400	505	522	126	130	70-148	3	30	
Vinyl acetate	ug/L	ND	800	800	970	1040	121	130	49-151	7	30	
Vinyl chloride	ug/L	ND	400	400	598	633	150	158	70-156	6	30	M1
Xylene (Total)	ug/L	1140	1200	1200	2420	2410	106	106	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						115	121	70-130			
4-Bromofluorobenzene (S)	%						104	105	70-130			
Toluene-d8 (S)	%						104	102	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729070
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92629875001, 92629875002, 92629875003, 92629875004, 92629875005, 92629875006, 92629875007, 92629875008, 92629875009, 92629875010, 92629875013, 92629875014, 92629875015

METHOD BLANK: 3796752
Matrix: Water
Associated Lab Samples: 92629875001, 92629875002, 92629875003, 92629875004, 92629875005, 92629875006, 92629875007, 92629875008, 92629875009, 92629875010, 92629875013, 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/11/22 08:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/11/22 08:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/11/22 08:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/11/22 08:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/11/22 08:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/11/22 08:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/11/22 08:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/11/22 08:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/11/22 08:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/11/22 08:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/11/22 08:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/11/22 08:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/11/22 08:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/11/22 08:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/11/22 08:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/11/22 08:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/11/22 08:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/11/22 08:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	7.8	10/11/22 08:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/11/22 08:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/11/22 08:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/11/22 08:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/11/22 08:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/11/22 08:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/11/22 08:56	
Acenaphthene	ug/L	ND	10.0	2.0	10/11/22 08:56	
Acenaphthylene	ug/L	ND	10.0	2.0	10/11/22 08:56	
Aniline	ug/L	ND	10.0	1.6	10/11/22 08:56	
Anthracene	ug/L	ND	10.0	2.3	10/11/22 08:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/11/22 08:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/11/22 08:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/11/22 08:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/11/22 08:56	
Benzoic Acid	ug/L	ND	50.0	22.0	10/11/22 08:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/11/22 08:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/11/22 08:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/11/22 08:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/11/22 08:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/11/22 08:56	

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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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

METHOD BLANK: 3796752 Matrix: Water

Associated Lab Samples: 92629875001, 92629875002, 92629875003, 92629875004, 92629875005, 92629875006, 92629875007, 92629875008, 92629875009, 92629875010, 92629875013, 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	10/11/22 08:56	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/11/22 08:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/11/22 08:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/11/22 08:56	
Dibenzofuran	ug/L	ND	10.0	2.1	10/11/22 08:56	
Diethylphthalate	ug/L	ND	10.0	2.0	10/11/22 08:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/11/22 08:56	
Fluoranthene	ug/L	ND	10.0	2.2	10/11/22 08:56	
Fluorene	ug/L	ND	10.0	2.1	10/11/22 08:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/11/22 08:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/11/22 08:56	
Hexachloroethane	ug/L	ND	10.0	1.4	10/11/22 08:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/11/22 08:56	
Isophorone	ug/L	ND	10.0	1.7	10/11/22 08:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/11/22 08:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/11/22 08:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/11/22 08:56	
Nitrobenzene	ug/L	ND	10.0	1.9	10/11/22 08:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/11/22 08:56	
Phenanthrene	ug/L	ND	10.0	2.0	10/11/22 08:56	
Phenol	ug/L	ND	10.0	1.4	10/11/22 08:56	
Pyrene	ug/L	ND	10.0	2.2	10/11/22 08:56	
2,4,6-Tribromophenol (S)	%	84	10-144		10/11/22 08:56	
2-Fluorobiphenyl (S)	%	52	10-130		10/11/22 08:56	
2-Fluorophenol (S)	%	52	10-130		10/11/22 08:56	
Nitrobenzene-d5 (S)	%	75	10-144		10/11/22 08:56	
Phenol-d6 (S)	%	42	10-130		10/11/22 08:56	
Terphenyl-d14 (S)	%	102	34-163		10/11/22 08:56	

LABORATORY CONTROL SAMPLE: 3796753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	37.9	76	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	34.6	69	28-130	
2,4,5-Trichlorophenol	ug/L	50	44.2	88	35-130	
2,4,6-Trichlorophenol	ug/L	50	42.3	85	31-130	
2,4-Dichlorophenol	ug/L	50	40.9	82	35-130	
2,4-Dimethylphenol	ug/L	50	47.4	95	34-130	
2,4-Dinitrophenol	ug/L	250	199	80	10-153	
2,4-Dinitrotoluene	ug/L	50	48.5	97	37-136	
2,6-Dinitrotoluene	ug/L	50	47.3	95	33-136	
2-Chloronaphthalene	ug/L	50	40.2	80	26-130	
2-Chlorophenol	ug/L	50	35.3	71	37-130	

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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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3796753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	34.4	69	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	36.2	72	35-130	
2-Nitroaniline	ug/L	100	86.8	87	37-130	
2-Nitrophenol	ug/L	50	39.0	78	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	34.9	70	34-130	
3,3'-Dichlorobenzidine	ug/L	100	90.6	91	34-136	
3-Nitroaniline	ug/L	100	94.2	94	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	90.4	90	21-157	
4-Bromophenylphenyl ether	ug/L	50	41.8	84	38-130	
4-Chloro-3-methylphenol	ug/L	100	86.3	86	37-130	
4-Chloroaniline	ug/L	100	82.7	83	38-130	
4-Chlorophenylphenyl ether	ug/L	50	41.3	83	33-130	
4-Nitroaniline	ug/L	100	94.4	94	42-137	
4-Nitrophenol	ug/L	250	135	54	10-130	
Acenaphthene	ug/L	50	43.7	87	33-130	
Acenaphthylene	ug/L	50	42.7	85	35-130	
Aniline	ug/L	50	29.6	59	22-130	
Anthracene	ug/L	50	43.6	87	48-130	
Benzo(a)anthracene	ug/L	50	45.9	92	48-137	
Benzo(b)fluoranthene	ug/L	50	46.7	93	52-138	
Benzo(g,h,i)perylene	ug/L	50	49.7	99	48-140	
Benzo(k)fluoranthene	ug/L	50	48.8	98	48-139	
Benzoic Acid	ug/L	250	138	55	10-130	
Benzyl alcohol	ug/L	100	75.3	75	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	38.9	78	34-130	
bis(2-Chloroethyl) ether	ug/L	50	35.4	71	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	49.2	98	32-165	
Butylbenzylphthalate	ug/L	50	48.7	97	34-161	
Chrysene	ug/L	50	46.9	94	47-131	
Di-n-butylphthalate	ug/L	50	44.4	89	39-144	
Di-n-octylphthalate	ug/L	50	49.5	99	30-170	
Dibenz(a,h)anthracene	ug/L	50	48.7	97	49-138	
Dibenzofuran	ug/L	50	43.9	88	33-130	
Diethylphthalate	ug/L	50	46.6	93	38-131	
Dimethylphthalate	ug/L	50	45.0	90	37-130	
Fluoranthene	ug/L	50	46.7	93	46-137	
Fluorene	ug/L	50	45.3	91	37-130	
Hexachlorobenzene	ug/L	50	43.0	86	38-130	
Hexachlorocyclopentadiene	ug/L	50	23.8	48	10-130	
Hexachloroethane	ug/L	50	14.1	28	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	48.1	96	41-130	
Isophorone	ug/L	50	41.7	83	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	41.3	83	36-130	
N-Nitrosodimethylamine	ug/L	50	32.3	65	34-130	
N-Nitrosodiphenylamine	ug/L	50	45.0	90	37-130	
Nitrobenzene	ug/L	50	35.7	71	36-130	
Pentachlorophenol	ug/L	100	88.4	88	23-149	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

LABORATORY CONTROL SAMPLE: 3796753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	45.7	91	44-130	
Phenol	ug/L	50	24.1	48	18-130	
Pyrene	ug/L	50	48.6	97	47-134	
2,4,6-Tribromophenol (S)	%			90	10-144	
2-Fluorobiphenyl (S)	%			61	10-130	
2-Fluorophenol (S)	%			55	10-130	
Nitrobenzene-d5 (S)	%			72	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			98	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796754 3796755

Parameter	Units	92629875004 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	90.9	90.9	46.2	59.0	51	65	10-130	24	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	90.9	90.9	55.3	60.0	61	66	12-142	8	30	
2,4,5-Trichlorophenol	ug/L	ND	90.9	90.9	71.3	81.6	78	90	10-143	14	30	
2,4,6-Trichlorophenol	ug/L	ND	90.9	90.9	69.6	79.0	77	87	10-147	13	30	
2,4-Dichlorophenol	ug/L	ND	90.9	90.9	62.1	70.9	68	78	10-138	13	30	
2,4-Dimethylphenol	ug/L	ND	90.9	90.9	72.7	85.4	80	94	25-130	16	30	
2,4-Dinitrophenol	ug/L	ND	455	455	247	286	54	63	10-165	15	30	
2,4-Dinitrotoluene	ug/L	ND	90.9	90.9	79.7	93.9	88	103	29-148	16	30	
2,6-Dinitrotoluene	ug/L	ND	90.9	90.9	77.3	92.4	85	102	26-146	18	30	
2-Chloronaphthalene	ug/L	ND	90.9	90.9	54.9	65.2	60	72	11-130	17	30	
2-Chlorophenol	ug/L	ND	90.9	90.9	54.1	59.5	60	65	10-133	10	30	
2-Methylnaphthalene	ug/L	ND	90.9	90.9	40.8	53.2	45	59	13-130	26	30	
2-Methylphenol(o-Cresol)	ug/L	ND	90.9	90.9	57.0	63.4	63	70	20-130	11	30	
2-Nitroaniline	ug/L	ND	182	182	139	163	76	90	24-136	16	30	
2-Nitrophenol	ug/L	ND	90.9	90.9	59.1	69.0	65	76	10-153	15	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	90.9	90.9	53.0	59.2	58	65	16-130	11	30	
3,3'-Dichlorobenzidine	ug/L	ND	182	182	160	179	88	99	10-153	11	30	
3-Nitroaniline	ug/L	ND	182	182	157	188	86	103	22-151	18	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	182	182	149	178	82	98	10-180	18	30	
4-Bromophenylphenyl ether	ug/L	ND	90.9	90.9	69.7	81.0	77	89	25-130	15	30	
4-Chloro-3-methylphenol	ug/L	ND	182	182	131	159	72	87	25-133	19	30	
4-Chloroaniline	ug/L	ND	182	182	133	151	73	83	14-132	13	30	
4-Chlorophenylphenyl ether	ug/L	ND	90.9	90.9	66.3	76.7	73	84	19-130	15	30	
4-Nitroaniline	ug/L	ND	182	182	160	182	88	100	29-150	13	30	
4-Nitrophenol	ug/L	ND	455	455	202	238	44	52	10-130	16	30	
Acenaphthene	ug/L	ND	90.9	90.9	66.7	76.9	73	85	16-130	14	30	
Acenaphthylene	ug/L	ND	90.9	90.9	65.3	75.5	72	83	15-137	14	30	
Aniline	ug/L	ND	90.9	90.9	48.6	53.7	54	59	10-130	10	30	
Anthracene	ug/L	ND	90.9	90.9	72.2	84.4	79	93	37-136	16	30	
Benzo(a)anthracene	ug/L	ND	90.9	90.9	82.4	91.7	91	101	40-145	11	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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796754 3796755

Parameter	Units	92629875004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(b)fluoranthene	ug/L	ND	90.9	90.9	80.2	94.0	88	103	39-151	16	30	
Benzo(g,h,i)perylene	ug/L	ND	90.9	90.9	84.0	96.8	92	107	40-147	14	30	
Benzo(k)fluoranthene	ug/L	ND	90.9	90.9	81.3	94.9	89	104	40-146	15	30	
Benzoic Acid	ug/L	ND	455	455	105	111	23	24	10-130	5	30	
Benzyl alcohol	ug/L	ND	182	182	114	129	63	71	25-130	12	30	
bis(2-Chloroethoxy)methane	ug/L	ND	90.9	90.9	60.8	71.1	67	78	23-130	16	30	
bis(2-Chloroethyl) ether	ug/L	ND	90.9	90.9	58.8	64.0	65	70	25-130	9	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	90.9	90.9	87.9	100	97	110	28-166	13	30	
Butylbenzylphthalate	ug/L	ND	90.9	90.9	89.8	102	99	112	33-165	12	30	
Chrysene	ug/L	ND	90.9	90.9	83.3	92.0	92	101	38-141	10	30	
Di-n-butylphthalate	ug/L	ND	90.9	90.9	78.5	90.2	86	99	32-153	14	30	
Di-n-octylphthalate	ug/L	ND	90.9	90.9	90.9	104	100	114	30-175	13	30	
Dibenz(a,h)anthracene	ug/L	ND	90.9	90.9	86.6	97.6	95	107	39-148	12	30	
Dibenzofuran	ug/L	ND	90.9	90.9	68.9	78.7	76	87	20-130	13	30	
Diethylphthalate	ug/L	ND	90.9	90.9	75.9	90.0	84	99	28-142	17	30	
Dimethylphthalate	ug/L	ND	90.9	90.9	73.1	85.2	80	94	26-136	15	30	
Fluoranthene	ug/L	ND	90.9	90.9	81.6	93.5	90	103	39-143	14	30	
Fluorene	ug/L	ND	90.9	90.9	72.3	83.3	80	92	24-132	14	30	
Hexachlorobenzene	ug/L	ND	90.9	90.9	73.1	84.2	80	93	29-130	14	30	
Hexachlorocyclopentadiene	ug/L	ND	90.9	90.9	19.7	28.8	22	32	10-130	38	30	R1
Hexachloroethane	ug/L	ND	90.9	90.9	5.2J	10.2J	6	11	10-130		30	M1
Indeno(1,2,3-cd)pyrene	ug/L	ND	90.9	90.9	84.0	96.6	92	106	39-148	14	30	
Isophorone	ug/L	ND	90.9	90.9	66.7	76.6	73	84	23-130	14	30	
N-Nitroso-di-n-propylamine	ug/L	ND	90.9	90.9	65.2	71.5	72	79	25-130	9	30	
N-Nitrosodimethylamine	ug/L	ND	90.9	90.9	53.7	57.9	59	64	22-130	7	30	
N-Nitrosodiphenylamine	ug/L	ND	90.9	90.9	74.5	87.5	82	96	26-134	16	30	
Nitrobenzene	ug/L	ND	90.9	90.9	57.7	66.9	63	74	25-130	15	30	
Pentachlorophenol	ug/L	ND	182	182	142	179	78	99	10-175	23	30	
Phenanthrene	ug/L	ND	90.9	90.9	76.6	90.3	84	99	36-133	16	30	
Phenol	ug/L	ND	90.9	90.9	35.9	38.7	40	43	10-130	7	30	
Pyrene	ug/L	ND	90.9	90.9	85.2	96.0	94	106	40-143	12	30	
2,4,6-Tribromophenol (S)	%						80	96	10-144			
2-Fluorobiphenyl (S)	%						51	53	10-130			
2-Fluorophenol (S)	%						43	48	10-130			
Nitrobenzene-d5 (S)	%						64	68	10-144			
Phenol-d6 (S)	%						38	42	10-130			
Terphenyl-d14 (S)	%						92	102	34-163			

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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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728969
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: 92629875001, 92629875002, 92629875003, 92629875004, 92629875005, 92629875006, 92629875007, 92629875008, 92629875009, 92629875010, 92629875013, 92629875014, 92629875015

METHOD BLANK: 3796263 Matrix: Water
Associated Lab Samples: 92629875001, 92629875002, 92629875003, 92629875004, 92629875005, 92629875006, 92629875007, 92629875008, 92629875009, 92629875010, 92629875013, 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	10/10/22 14:03	
2-Fluorobiphenyl (S)	%	96	61-194		10/10/22 14:03	
Nitrobenzene-d5 (S)	%	122	69-194		10/10/22 14:03	
Terphenyl-d14 (S)	%	95	69-180		10/10/22 14:03	

LABORATORY CONTROL SAMPLE: 3796264

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	97	70-130	
2-Fluorobiphenyl (S)	%			92	61-194	
Nitrobenzene-d5 (S)	%			107	69-194	
Terphenyl-d14 (S)	%			85	69-180	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796265 3796266

Parameter	Units	92629875004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	5	5	4.4	4.7	88	93	11-178	6	30	
2-Fluorobiphenyl (S)	%						92	89	61-194			
Nitrobenzene-d5 (S)	%						107	107	69-194			
Terphenyl-d14 (S)	%						83	82	69-180			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728754
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3795189 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	10/07/22 15:26	

LABORATORY CONTROL SAMPLE: 3795190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	80-120	

LABORATORY CONTROL SAMPLE: 3795191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795192 3795193

Parameter	Units	92629875014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	87.6	50	50	143	134	110	92	80-120	6	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3795194 3795195

Parameter	Units	92628891001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	43.7	50	50	91.3	89.7	95	92	80-120	2	25	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728609
QC Batch Method: SM 4500-S2D-2011
Analysis Method: SM 4500-S2D-2011
Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3794490 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.022	10/08/22 06:05	

LABORATORY CONTROL SAMPLE: 3794491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.47	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794492 3794493

Parameter	Units	92629478029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.46	0.52	91	102	80-120	11	10	R1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794494 3794495

Parameter	Units	92629596002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	ND	0.5	0.5	0.64	0.66	123	127	80-120	4	10	M1

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728711
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3794949 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	10/07/22 17:06	

LABORATORY CONTROL SAMPLE: 3794950

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	51.8	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794951 3794952

Parameter	Units	92629764001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	ND	50	50	52.9	55.3	106	111	90-110	5	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3794953 3794954

Parameter	Units	92629869003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	1.8	50	50	55.6	56.5	108	109	90-110	2	10	

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REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728993
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3796314 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	10/10/22 12:12	

LABORATORY CONTROL SAMPLE: 3796315

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	5.2	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796316 3796317

Parameter	Units	92629855001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.4	5.4	108	108	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796320 3796321

Parameter	Units	92629855002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.3	5.3	106	105	90-110	0	10	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 728978
QC Batch Method: EPA 353.2 Rev 2.0 1993
Analysis Method: EPA 353.2 Rev 2.0 1993
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3796284 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.017	10/11/22 08:17	

LABORATORY CONTROL SAMPLE: 3796285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796286 3796287

Parameter	Units	92629855001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.5	2.5	101	102	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3796288 3796289

Parameter	Units	92629855002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	ND	2.5	2.5	2.5	2.5	99	99	90-110	0	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

QC Batch: 729125
QC Batch Method: EPA 9060A
Analysis Method: EPA 9060A
Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92629875014, 92629875015

METHOD BLANK: 3797060 Matrix: Water
Associated Lab Samples: 92629875014, 92629875015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	10/10/22 16:20	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/10/22 16:20	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/10/22 16:20	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/10/22 16:20	
Total Organic Carbon	mg/L	ND	1.0	0.50	10/10/22 16:20	

LABORATORY CONTROL SAMPLE: 3797061

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	24.1	96	75-125	
Total Organic Carbon	mg/L	25	23.8	95	75-125	
Total Organic Carbon	mg/L	25	24.6	98	75-125	
Total Organic Carbon	mg/L	25	23.7	95	75-125	
Total Organic Carbon	mg/L	25	24.3	97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797062 3797063

Parameter	Units	92629875014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	0.77J	25	25	24.2	24.4	94	94	75-125	1	25	
Total Organic Carbon	mg/L	0.86J	25	25	23.9	24.2	92	94	75-125	2	25	
Total Organic Carbon	mg/L	0.72J	25	25	23.8	24.2	92	94	75-125	1	25	
Total Organic Carbon	mg/L	0.76J	25	25	24.6	24.7	96	96	75-125	0	25	
Total Organic Carbon	mg/L	0.72J	25	25	24.4	24.3	95	94	75-125	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797064 3797065

Parameter	Units	92629875015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/L	2.1	25	25	25.1	25.3	92	93	75-125	1	25	
Total Organic Carbon	mg/L	2.0	25	25	24.8	25.0	91	92	75-125	1	25	
Total Organic Carbon	mg/L	2.0	25	25	25.4	25.8	94	95	75-125	1	25	
Total Organic Carbon	mg/L	2.2	25	25	24.6	25.0	90	91	75-125	2	25	
Total Organic Carbon	mg/L	2.1	25	25	25.6	25.6	94	94	75-125	0	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALIFIERS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
C0	Result confirmed by second analysis.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P4	Sample field preservation does not meet EPA or method recommendations for this analysis.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
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
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: FMR BRAMLETTE MGP
Pace Project No.: 92629875

ANALYTE QUALIFIERS

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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92629875014	MW-44BR-20221004	RSK175	1941937	RSK-175	1941937
92629875015	MW-31TZ-20221003	RSK175	1941937	RSK-175	1941937
92629875014	MW-44BR-20221004	EPA 3010A	728917	EPA 6010D	728947
92629875015	MW-31TZ-20221003	EPA 3010A	728917	EPA 6010D	728947
92629875014	MW-44BR-20221004	EPA 3010A	729279	EPA 6010D	729818
92629875015	MW-31TZ-20221003	EPA 3010A	729279	EPA 6010D	729818
92629875001	MW-18-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875002	MW-30S-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875003	MW-30TZ-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875004	MW-25R-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875005	MW-44TZ-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875006	MW-2BR-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875007	MW-2TZ-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875008	EB-3-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875009	DUP-03-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875010	DUP-04-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875013	MW-31S-20221003	EPA 3510C	729070	EPA 8270E	729274
92629875014	MW-44BR-20221004	EPA 3510C	729070	EPA 8270E	729274
92629875015	MW-31TZ-20221003	EPA 3510C	729070	EPA 8270E	729274
92629875001	MW-18-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875002	MW-30S-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875003	MW-30TZ-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875004	MW-25R-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875005	MW-44TZ-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875006	MW-2BR-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875007	MW-2TZ-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875008	EB-3-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875009	DUP-03-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875010	DUP-04-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875013	MW-31S-20221003	EPA 3511	728969	EPA 8270E by SIM	729103
92629875014	MW-44BR-20221004	EPA 3511	728969	EPA 8270E by SIM	729103
92629875015	MW-31TZ-20221003	EPA 3511	728969	EPA 8270E by SIM	729103
92629875001	MW-18-20221004	EPA 8260D	728686		
92629875002	MW-30S-20221004	EPA 8260D	728686		
92629875003	MW-30TZ-20221004	EPA 8260D	728852		
92629875004	MW-25R-20221004	EPA 8260D	728852		
92629875005	MW-44TZ-20221004	EPA 8260D	728852		
92629875006	MW-2BR-20221004	EPA 8260D	729312		
92629875007	MW-2TZ-20221004	EPA 8260D	729490		
92629875008	EB-3-20221004	EPA 8260D	729115		
92629875009	DUP-03-20221004	EPA 8260D	729312		
92629875010	DUP-04-20221004	EPA 8260D	729312		
92629875011	TB-10-20221004	EPA 8260D	729350		

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: FMR BRAMLETTE MGP
Pace Project No.: 92629875

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92629875012	**TB-11-20221004**	EPA 8260D	729350		
92629875013	**MW-31S-20221003**	EPA 8260D	729115		
92629875014	**MW-44BR-20221004**	EPA 8260D	728852		
92629875015	**MW-31TZ-20221003**	EPA 8260D	729115		
92629875014	**MW-44BR-20221004**	SM 2320B-2011	728754		
92629875015	**MW-31TZ-20221003**	SM 2320B-2011	728754		
92629875014	**MW-44BR-20221004**	SM 4500-S2D-2011	728609		
92629875015	**MW-31TZ-20221003**	SM 4500-S2D-2011	728609		
92629875014	**MW-44BR-20221004**	EPA 300.0 Rev 2.1 1993	728711		
92629875015	**MW-31TZ-20221003**	EPA 300.0 Rev 2.1 1993	728711		
92629875014	**MW-44BR-20221004**	EPA 350.1 Rev 2.0 1993	728993		
92629875015	**MW-31TZ-20221003**	EPA 350.1 Rev 2.0 1993	728993		
92629875014	**MW-44BR-20221004**	EPA 353.2 Rev 2.0 1993	728978		
92629875015	**MW-31TZ-20221003**	EPA 353.2 Rev 2.0 1993	728978		
92629875014	**MW-44BR-20221004**	EPA 9060A	729125		
92629875015	**MW-31TZ-20221003**	EPA 9060A	729125		
92629875014	**MW-44BR-20221004**	SM 4500-CO2 D-2011	729219		
92629875015	**MW-31TZ-20221003**	SM 4500-CO2 D-2011	729219		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL

WO# : 92629875

92629875

ALL SHADED A[REAS ARE FOR LAB USE ONLY]

Company: Geosyntec
Address:
Billing Information:

Report To: Michael Martin
Email To: MMartin@geosyntec.com
Copy To:
Site Collection Info/Address: Gre Former Bramlette MGP
Customer Project Name/Number:
State: SC
County/City:
Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:
Site/Facility ID #:
Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): John Trotter
Purchase Order #:
Quote #:
DW PWS ID #:
DW Location Code:

Collected By (signature): [signature]
Turnaround Date Required:
Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ______ [ ] Hold: ______
Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis: ______

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ______

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res Cl	# of Ctns	8260	8220	8270 SIM PAH	NO2/NO3/NH3	Sulfate/Alkalinity/Sulfide	RSK 175 MEE	TOC (total organic carbon)	200.7 FE/MN	200.7 Dissolved FE/MN	CO2
MW-18-20221004	GW	G	10-4-22	0920					X	X	X							
MW-30S-20221004	↓	↓	↓	0920					X	X	X							
MW-30TZ-20221004				0955					X	X	X							
MW-25R-20221004				1140					X	X	X							
MW-44TZ-20221004				1255					X	X	X							
MW-44BR-20221004				1355					X	X	X	X	X	X	X	X	X	X
MW-2BR-20221004				1300					X	X	X							
MW-2TZ-20221004				1150					X	X	X							
EB-3-20221004	OT			1500					X	X	X							
DUP-03-20221004	GW			2000					X	X	X							

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA ✓
Custody Signatures Present	Y N NA ✓
Collector Signature Present	Y N NA ✓
Bottles Intact	Y N NA ✓
Correct Bottles	Y N NA ✓
Sufficient Volume	Y N NA ✓
Samples Received on Ice	Y N NA ✓
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA ✓
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet ✓ Blue Dry None

Packing Material Used: Bubble bags

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N ✓ N/A

Lab Tracking #: 2704932

Samples received via: FEDEX UPS Client Courier Pace Courier ✓

Lab Sample Temperature Info:
Temp Blank Received: Y ✓ N NA
Therm ID#: 93T071
Cooler 1 Temp Upon Receipt: 0.4 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 0.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] / Geosyntec	10-4-22 1610	[signature]	10-4-22 1610
[signature]		[signature]	10-5 1400
[signature]	10-5	Rachel [signature] 18	10/5/22 / 16:05
T. Pereira / Pace AV	10/5 2100	[signature] Pace HV	10/6/22 0800

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y ✓ N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ______ of: ______

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: GeoSyntec	Billing Information:
Address:	
Report To: Michael Martin	Email To: MMartin@geosyntec.com
Copy To:	Site Collection Info/Address: former Bramalea MGP
Customer Project Name/Number:	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): John Trotter	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA	✓
Custody Signatures Present	Y	N	NA	✓
Collector Signature Present	Y	N	NA	✓
Bottles Intact	Y	N	NA	✓
Correct Bottles	Y	N	NA	✓
Sufficient Volume	Y	N	NA	✓
Samples Received on Ice	Y	N	NA	✓
VOA - Headspace Acceptable	Y	N	NA	✓
USDA Regulated Soils	Y	N	NA	✓
Samples in Holding Time	Y	N	NA	✓
Residual Chlorine Present	Y	N	NA	✓
Cl Strips: _____				
Sample pH Acceptable	Y	N	NA	✓
pH Strips: _____				
Sulfide Present	Y	N	NA	✓
Lead Acetate Strips: _____				

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	8260	8270	8270 SIM PAH	NO2/NO3/NH3	Sulfate/Alkalinity/Sulfide	RSK 175 MEE	TOC (total organic carbon)	200.7 Fe/Mn	200.7 Dissolved Fe/Mn	CO2
Dup-04-20221004	GW	G	10-4-22	2000					X	X	X							
MS-04-20221004				1140					X	X	X							
MSD-04-20221004				1140					X	X	X							
TB-10-20221004	OT			—					X									
TB-11-20221004	OT			—					X									
MW-31TR-20221003	GW	G	10-3-22	1630	1630				X	X	X	X	X	X	X	X	X	X
MW-315-20221003	GW	G	10-3-22	1626					X	X	X							

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Bubble bags

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2704934

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info

Temp Blank Received: Y N NA

Therm ID#: 931071

Cooler 1 Temp Upon Receipt: 0.4 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 0.4 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
[signature] / GeoSyntec	10-4-22 1610	[signature] Aimee Hawthorne	10.4.22 1610	Table #:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum:
[signature]		[signature]	10-5 1420	Template:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Prelogin:
[signature]	10-5	RACHEL BAKER	10/5/22 16:05	PM:
				PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

F. Perras / Pace AK 10/5 2100 GMK Pace Ltn 10/6/22 0820

WO# : 92629875

PM: NMG Due Date: 10/12/22

CLIENT: 92-Duke Ener

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

Project #

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3		3									2		
2																3		3									2		
3																3		3									2		
4																3		3									2		
5																3		3									2		
6																3		3									2		
7																3		3									2		
8																3		3									2		
9																3		3									2		
10																3		3									2		
11																3		3									2		
12																3		3									2		

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR 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

***Check all unpreserved Nitrates for chlorine

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3		3									2		
2																3		3									2		
3																3		3									2		
4																3													
5																3													
6																2													
7																2													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG9S-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		2			1 1	2 1	1 1												3 3										
2		2			1 1	2 1	1 1												3										
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.