

From: Miller, Roger <rmiller@geiconsultants.com>
Sent: Tuesday, October 15, 2019 5:28 PM
To: Krueger, Sarah E - DNR
Cc: Zangl-Wiese, Faith; Sandmire, Kyle
Subject: D&G Mobil VOC Groundwater Data -- Round 2
Attachments: 40196974_frc_Pace_VOC GW_Round 2 (10-10-19).pdf


Categories: Tracking

Hi Sarah,

We received the laboratory report this afternoon for the second round of groundwater sampling for VOC testing at the D & G Mobil site (see attached). Notably, benzene was detected in new off-site well MW-7 (1.3 ug/L) above the PAL of 0.5 ug/L, and MTBE was reported in PZ-8 (1.5J ug/L) below the PAL of 12 ug/L. Like the first round, petroleum-related VOCs were also detected at MW-2, MW-4, MW-5 and MW-6. We will tabulate the new data along with the previous dataset.

Please contact us with any questions. We will follow up with you by early next week on the report status.

Thank you,

 ROGER A. MILLER, P.G., C.P.G.
Senior Hydrogeologist
920.455.8657 cell: 920.737.6373
3159 Voyager Drive, Green Bay, WI 54311



From: Miller, Roger
Sent: Tuesday, August 6, 2019 9:39 AM
To: Krueger, Sarah E - DNR <sarah.krueger@wisconsin.gov>
Cc: Faith Zangl-Wiese <fzanglwiese@geiconsultants.com>
Subject: D&G Mobil VOC Groundwater Data

Hi Sarah,

We just received the laboratory results for the first round of groundwater sampling for VOC testing at the D & G Mobil site in Coleman (see attached). Petroleum-related VOCs were detected in samples from MW-2, MW-4, MW-5, and MW-6 at concentrations that have decreased (by up to an order of magnitude) since these wells were last sampled in February 2017. No VOCs were detected in the new off-site wells, or in MW-1 or MW-3. We will tabulate the new data along with the existing data set.

In general, water levels were about 0.5 feet higher compared to February 2017. So the decrease in VOC concentrations would appear to be more related to natural attenuation in the source area than possibly dilution resulting from a raised water table due to the above average precipitation this spring and early summer.

Please let us know when you think we should plan for the follow-up sampling round. Mid-September?

Thank you,

GEI

ROGER A. MILLER, P.G., C.P.G.
Senior Hydrogeologist
920.455.8657 cell: 920.737.6373
3159 Voyager Drive, Green Bay, WI 54311



October 15, 2019

Roger Miller
GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, WI 54311

RE: Project: 1902744 D&G MOBIL GW
Pace Project No.: 40196974

Dear Roger Miller:

Enclosed are the analytical results for sample(s) received by the laboratory on October 10, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kyle Sandmire, GEI Consultants, Inc



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 1902744 D&G MOBIL GW
Pace Project No.: 40196974

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40196974001	MW-8	Water	10/10/19 09:05	10/10/19 14:35
40196974002	MW-8A	Water	10/10/19 09:25	10/10/19 14:35
40196974003	PZ-8	Water	10/10/19 08:40	10/10/19 14:35
40196974004	MW-9	Water	10/10/19 10:00	10/10/19 14:35
40196974005	MW-7	Water	10/10/19 13:15	10/10/19 14:35
40196974006	MW-6	Water	10/10/19 10:50	10/10/19 14:35
40196974007	MW-5	Water	10/10/19 11:50	10/10/19 14:35
40196974008	MW-4	Water	10/10/19 13:50	10/10/19 14:35
40196974009	MW-3	Water	10/10/19 12:50	10/10/19 14:35
40196974010	MW-2	Water	10/10/19 12:05	10/10/19 14:35
40196974011	MW-1	Water	10/10/19 12:25	10/10/19 14:35
40196974012	DUPLICATE (MW-5)	Water	10/10/19 11:50	10/10/19 14:35
40196974013	TRIP BLANK	Water	10/10/19 08:40	10/10/19 14:35

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SAMPLE ANALYTE COUNT

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40196974001	MW-8	EPA 8260	HNW	65	PASI-G
40196974002	MW-8A	EPA 8260	HNW	65	PASI-G
40196974003	PZ-8	EPA 8260	HNW	65	PASI-G
40196974004	MW-9	EPA 8260	HNW	65	PASI-G
40196974005	MW-7	EPA 8260	HNW	65	PASI-G
40196974006	MW-6	EPA 8260	HNW	65	PASI-G
40196974007	MW-5	EPA 8260	HNW	65	PASI-G
40196974008	MW-4	EPA 8260	HNW	65	PASI-G
40196974009	MW-3	EPA 8260	HNW	65	PASI-G
40196974010	MW-2	EPA 8260	HNW	65	PASI-G
40196974011	MW-1	EPA 8260	HNW	65	PASI-G
40196974012	DUPLICATE (MW-5)	EPA 8260	HNW	65	PASI-G
40196974013	TRIP BLANK	EPA 8260	HNW	65	PASI-G

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SUMMARY OF DETECTION

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40196974003	PZ-8					
EPA 8260	Methyl-tert-butyl ether	1.5J	ug/L	4.2	10/14/19 10:28	
40196974005	MW-7					
EPA 8260	Benzene	1.3	ug/L	1.0	10/14/19 11:12	
40196974006	MW-6					
EPA 8260	Ethylbenzene	3.3	ug/L	1.0	10/14/19 11:35	
EPA 8260	Isopropylbenzene (Cumene)	0.82J	ug/L	5.0	10/14/19 11:35	
EPA 8260	n-Propylbenzene	3.4J	ug/L	5.0	10/14/19 11:35	
EPA 8260	1,2,4-Trimethylbenzene	18.8	ug/L	2.8	10/14/19 11:35	
EPA 8260	1,3,5-Trimethylbenzene	5.2	ug/L	2.9	10/14/19 11:35	
EPA 8260	Xylene (Total)	10.1	ug/L	3.0	10/14/19 11:35	
EPA 8260	m&p-Xylene	9.4	ug/L	2.0	10/14/19 11:35	
EPA 8260	o-Xylene	0.79J	ug/L	1.0	10/14/19 11:35	
40196974007	MW-5					
EPA 8260	Benzene	44.5	ug/L	40.0	10/14/19 08:58	
EPA 8260	Ethylbenzene	3490	ug/L	40.0	10/14/19 08:58	
EPA 8260	Isopropylbenzene (Cumene)	98.7J	ug/L	200	10/14/19 08:58	
EPA 8260	Naphthalene	556	ug/L	200	10/14/19 08:58	
EPA 8260	n-Propylbenzene	268	ug/L	200	10/14/19 08:58	
EPA 8260	Toluene	118J	ug/L	200	10/14/19 08:58	
EPA 8260	1,2,4-Trimethylbenzene	1830	ug/L	112	10/14/19 08:58	
EPA 8260	1,3,5-Trimethylbenzene	438	ug/L	116	10/14/19 08:58	
EPA 8260	Xylene (Total)	8260	ug/L	120	10/14/19 08:58	
EPA 8260	m&p-Xylene	8000	ug/L	80.0	10/14/19 08:58	
EPA 8260	o-Xylene	261	ug/L	40.0	10/14/19 08:58	
40196974008	MW-4					
EPA 8260	Benzene	3.3J	ug/L	10.0	10/14/19 09:21	
EPA 8260	sec-Butylbenzene	11.4J	ug/L	50.0	10/14/19 09:21	
EPA 8260	Ethylbenzene	636	ug/L	10.0	10/14/19 09:21	
EPA 8260	Isopropylbenzene (Cumene)	47.8J	ug/L	50.0	10/14/19 09:21	
EPA 8260	Naphthalene	90.7	ug/L	50.0	10/14/19 09:21	
EPA 8260	n-Propylbenzene	158	ug/L	50.0	10/14/19 09:21	
EPA 8260	Toluene	8.2J	ug/L	50.0	10/14/19 09:21	
EPA 8260	1,2,4-Trimethylbenzene	692	ug/L	28.0	10/14/19 09:21	
EPA 8260	1,3,5-Trimethylbenzene	129	ug/L	29.1	10/14/19 09:21	
EPA 8260	Xylene (Total)	828	ug/L	30.0	10/14/19 09:21	
EPA 8260	m&p-Xylene	809	ug/L	20.0	10/14/19 09:21	
EPA 8260	o-Xylene	19.7	ug/L	10.0	10/14/19 09:21	
40196974010	MW-2					
EPA 8260	Benzene	10.7	ug/L	1.0	10/14/19 12:20	
EPA 8260	Ethylbenzene	98.3	ug/L	1.0	10/14/19 12:20	
EPA 8260	Isopropylbenzene (Cumene)	3.0J	ug/L	5.0	10/14/19 12:20	
EPA 8260	Naphthalene	17.2	ug/L	5.0	10/14/19 12:20	
EPA 8260	n-Propylbenzene	7.5	ug/L	5.0	10/14/19 12:20	
EPA 8260	Toluene	195	ug/L	5.0	10/14/19 12:20	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40196974010	MW-2					
EPA 8260	1,2,4-Trimethylbenzene	53.5	ug/L	2.8	10/14/19 12:20	
EPA 8260	1,3,5-Trimethylbenzene	11.9	ug/L	2.9	10/14/19 12:20	
EPA 8260	Xylene (Total)	349	ug/L	3.0	10/14/19 12:20	
EPA 8260	m&p-Xylene	272	ug/L	2.0	10/14/19 12:20	
EPA 8260	o-Xylene	77.6	ug/L	1.0	10/14/19 12:20	
40196974012	DUPLICATE (MW-5)					
EPA 8260	Benzene	46.7	ug/L	40.0	10/14/19 09:43	
EPA 8260	Ethylbenzene	3600	ug/L	40.0	10/14/19 09:43	
EPA 8260	Isopropylbenzene (Cumene)	106J	ug/L	200	10/14/19 09:43	
EPA 8260	Naphthalene	609	ug/L	200	10/14/19 09:43	
EPA 8260	n-Propylbenzene	293	ug/L	200	10/14/19 09:43	
EPA 8260	Toluene	121J	ug/L	200	10/14/19 09:43	
EPA 8260	1,2,4-Trimethylbenzene	1930	ug/L	112	10/14/19 09:43	
EPA 8260	1,3,5-Trimethylbenzene	464	ug/L	116	10/14/19 09:43	
EPA 8260	Xylene (Total)	8480	ug/L	120	10/14/19 09:43	
EPA 8260	m&p-Xylene	8190	ug/L	80.0	10/14/19 09:43	
EPA 8260	o-Xylene	290	ug/L	40.0	10/14/19 09:43	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-8 **Lab ID: 40196974001** Collected: 10/10/19 09:05 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 10:06	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 10:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 10:06	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 10:06	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 10:06	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 10:06	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:06	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 10:06	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 10:06	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 10:06	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:06	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 10:06	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 10:06	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 10:06	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 10:06	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 10:06	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 10:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 10:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 10:06	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 10:06	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:06	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 10:06	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 10:06	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 10:06	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 10:06	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:06	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 10:06	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 10:06	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 10:06	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:06	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 10:06	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 10:06	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 10:06	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 10:06	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 10:06	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 10:06	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 10:06	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 10:06	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 10:06	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 10:06	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 10:06	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 10:06	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 10:06	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 10:06	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 10:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 10:06	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-8 **Lab ID: 40196974001** Collected: 10/10/19 09:05 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:06	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 10:06	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 10:06	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 10:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 10:06	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 10:06	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 10:06	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 10:06	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 10:06	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 10:06	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 10:06	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 10:06	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 10:06	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 10:06	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 10:06	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 10:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/14/19 10:06	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		10/14/19 10:06	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		10/14/19 10:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-8A **Lab ID: 40196974002** Collected: 10/10/19 09:25 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 08:36	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 08:36	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 08:36	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 08:36	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 08:36	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 08:36	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 08:36	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 08:36	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 08:36	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 08:36	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 08:36	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 08:36	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 08:36	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 08:36	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 08:36	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 08:36	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 08:36	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 08:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 08:36	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 08:36	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 08:36	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 08:36	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 08:36	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 08:36	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 08:36	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 08:36	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 08:36	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 08:36	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 08:36	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 08:36	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 08:36	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 08:36	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 08:36	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 08:36	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 08:36	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 08:36	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 08:36	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 08:36	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 08:36	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 08:36	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 08:36	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 08:36	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 08:36	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 08:36	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 08:36	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 08:36	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-8A **Lab ID: 40196974002** Collected: 10/10/19 09:25 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 08:36	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 08:36	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 08:36	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 08:36	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 08:36	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 08:36	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 08:36	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 08:36	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 08:36	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 08:36	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 08:36	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 08:36	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 08:36	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 08:36	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 08:36	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 08:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/14/19 08:36	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		10/14/19 08:36	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		10/14/19 08:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: PZ-8 **Lab ID: 40196974003** Collected: 10/10/19 08:40 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 10:28	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 10:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 10:28	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 10:28	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 10:28	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 10:28	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:28	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 10:28	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 10:28	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 10:28	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:28	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 10:28	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 10:28	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 10:28	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 10:28	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 10:28	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 10:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 10:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 10:28	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 10:28	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:28	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 10:28	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 10:28	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 10:28	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 10:28	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:28	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 10:28	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 10:28	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 10:28	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:28	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 10:28	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 10:28	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 10:28	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 10:28	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 10:28	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 10:28	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 10:28	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 10:28	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 10:28	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 10:28	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 10:28	75-09-2	
Methyl-tert-butyl ether	1.5J	ug/L	4.2	1.2	1		10/14/19 10:28	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 10:28	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 10:28	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 10:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 10:28	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: PZ-8 **Lab ID: 40196974003** Collected: 10/10/19 08:40 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:28	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 10:28	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 10:28	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 10:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 10:28	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 10:28	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 10:28	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 10:28	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 10:28	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 10:28	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 10:28	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 10:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 10:28	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 10:28	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 10:28	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 10:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/14/19 10:28	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		10/14/19 10:28	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		10/14/19 10:28	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-9 **Lab ID: 40196974004** Collected: 10/10/19 10:00 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 10:50	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 10:50	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 10:50	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 10:50	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 10:50	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 10:50	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:50	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 10:50	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 10:50	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 10:50	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:50	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 10:50	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 10:50	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 10:50	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 10:50	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 10:50	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 10:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 10:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 10:50	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 10:50	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 10:50	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 10:50	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 10:50	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 10:50	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 10:50	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:50	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 10:50	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 10:50	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 10:50	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:50	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 10:50	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 10:50	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 10:50	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 10:50	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 10:50	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 10:50	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 10:50	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 10:50	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 10:50	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 10:50	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 10:50	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 10:50	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 10:50	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 10:50	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 10:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 10:50	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-9 **Lab ID: 40196974004** Collected: 10/10/19 10:00 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 10:50	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 10:50	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 10:50	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 10:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 10:50	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 10:50	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 10:50	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 10:50	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 10:50	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 10:50	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 10:50	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 10:50	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 10:50	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 10:50	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 10:50	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 10:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/14/19 10:50	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		10/14/19 10:50	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		10/14/19 10:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-7 **Lab ID: 40196974005** Collected: 10/10/19 13:15 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	1.3	ug/L	1.0	0.25	1		10/14/19 11:12	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 11:12	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 11:12	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 11:12	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 11:12	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 11:12	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:12	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 11:12	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 11:12	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 11:12	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:12	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 11:12	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 11:12	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 11:12	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 11:12	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 11:12	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 11:12	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 11:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 11:12	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 11:12	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:12	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 11:12	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 11:12	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 11:12	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 11:12	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:12	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 11:12	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 11:12	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 11:12	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:12	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 11:12	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 11:12	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 11:12	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 11:12	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 11:12	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 11:12	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 11:12	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 11:12	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 11:12	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 11:12	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 11:12	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 11:12	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 11:12	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 11:12	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 11:12	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 11:12	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-7 **Lab ID: 40196974005** Collected: 10/10/19 13:15 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:12	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 11:12	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 11:12	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 11:12	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 11:12	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 11:12	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 11:12	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 11:12	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 11:12	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 11:12	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 11:12	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 11:12	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 11:12	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 11:12	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 11:12	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 11:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/14/19 11:12	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		10/14/19 11:12	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		10/14/19 11:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-6 **Lab ID: 40196974006** Collected: 10/10/19 10:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 11:35	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 11:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 11:35	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 11:35	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 11:35	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 11:35	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:35	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 11:35	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 11:35	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 11:35	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:35	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 11:35	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 11:35	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 11:35	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 11:35	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 11:35	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 11:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 11:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 11:35	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 11:35	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:35	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 11:35	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 11:35	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 11:35	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 11:35	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:35	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 11:35	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 11:35	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 11:35	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:35	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 11:35	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 11:35	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 11:35	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 11:35	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 11:35	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 11:35	108-20-3	
Ethylbenzene	3.3	ug/L	1.0	0.22	1		10/14/19 11:35	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 11:35	87-68-3	
Isopropylbenzene (Cumene)	0.82J	ug/L	5.0	0.39	1		10/14/19 11:35	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 11:35	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 11:35	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 11:35	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 11:35	91-20-3	
n-Propylbenzene	3.4J	ug/L	5.0	0.81	1		10/14/19 11:35	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 11:35	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-6 **Lab ID: 40196974006** Collected: 10/10/19 10:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:35	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 11:35	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 11:35	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 11:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 11:35	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 11:35	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 11:35	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 11:35	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 11:35	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 11:35	96-18-4	
1,2,4-Trimethylbenzene	18.8	ug/L	2.8	0.84	1		10/14/19 11:35	95-63-6	
1,3,5-Trimethylbenzene	5.2	ug/L	2.9	0.87	1		10/14/19 11:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 11:35	75-01-4	
Xylene (Total)	10.1	ug/L	3.0	1.5	1		10/14/19 11:35	1330-20-7	
m&p-Xylene	9.4	ug/L	2.0	0.47	1		10/14/19 11:35	179601-23-1	
o-Xylene	0.79J	ug/L	1.0	0.26	1		10/14/19 11:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/14/19 11:35	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		10/14/19 11:35	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		10/14/19 11:35	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-5 **Lab ID: 40196974007** Collected: 10/10/19 11:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	44.5	ug/L	40.0	9.9	40		10/14/19 08:58	71-43-2	
Bromobenzene	<9.6	ug/L	40.0	9.6	40		10/14/19 08:58	108-86-1	
Bromochloromethane	<14.5	ug/L	200	14.5	40		10/14/19 08:58	74-97-5	
Bromodichloromethane	<14.5	ug/L	48.5	14.5	40		10/14/19 08:58	75-27-4	
Bromoform	<159	ug/L	530	159	40		10/14/19 08:58	75-25-2	
Bromomethane	<38.9	ug/L	200	38.9	40		10/14/19 08:58	74-83-9	
n-Butylbenzene	<28.3	ug/L	94.4	28.3	40		10/14/19 08:58	104-51-8	
sec-Butylbenzene	<33.9	ug/L	200	33.9	40		10/14/19 08:58	135-98-8	
tert-Butylbenzene	<12.2	ug/L	40.5	12.2	40		10/14/19 08:58	98-06-6	
Carbon tetrachloride	<6.6	ug/L	40.0	6.6	40		10/14/19 08:58	56-23-5	
Chlorobenzene	<28.4	ug/L	94.8	28.4	40		10/14/19 08:58	108-90-7	
Chloroethane	<53.7	ug/L	200	53.7	40		10/14/19 08:58	75-00-3	
Chloroform	<51.0	ug/L	200	51.0	40		10/14/19 08:58	67-66-3	
Chloromethane	<87.6	ug/L	292	87.6	40		10/14/19 08:58	74-87-3	
2-Chlorotoluene	<37.0	ug/L	200	37.0	40		10/14/19 08:58	95-49-8	
4-Chlorotoluene	<30.3	ug/L	101	30.3	40		10/14/19 08:58	106-43-4	
1,2-Dibromo-3-chloropropane	<70.5	ug/L	235	70.5	40		10/14/19 08:58	96-12-8	
Dibromochloromethane	<104	ug/L	347	104	40		10/14/19 08:58	124-48-1	
1,2-Dibromoethane (EDB)	<33.2	ug/L	111	33.2	40		10/14/19 08:58	106-93-4	
Dibromomethane	<37.5	ug/L	125	37.5	40		10/14/19 08:58	74-95-3	
1,2-Dichlorobenzene	<28.2	ug/L	94.0	28.2	40		10/14/19 08:58	95-50-1	
1,3-Dichlorobenzene	<25.1	ug/L	83.7	25.1	40		10/14/19 08:58	541-73-1	
1,4-Dichlorobenzene	<37.7	ug/L	126	37.7	40		10/14/19 08:58	106-46-7	
Dichlorodifluoromethane	<20.0	ug/L	200	20.0	40		10/14/19 08:58	75-71-8	
1,1-Dichloroethane	<10.9	ug/L	40.0	10.9	40		10/14/19 08:58	75-34-3	
1,2-Dichloroethane	<11.2	ug/L	40.0	11.2	40		10/14/19 08:58	107-06-2	
1,1-Dichloroethene	<9.8	ug/L	40.0	9.8	40		10/14/19 08:58	75-35-4	
cis-1,2-Dichloroethene	<10.8	ug/L	40.0	10.8	40		10/14/19 08:58	156-59-2	
trans-1,2-Dichloroethene	<43.6	ug/L	145	43.6	40		10/14/19 08:58	156-60-5	
1,2-Dichloropropane	<11.3	ug/L	40.0	11.3	40		10/14/19 08:58	78-87-5	
1,3-Dichloropropane	<33.0	ug/L	110	33.0	40		10/14/19 08:58	142-28-9	
2,2-Dichloropropane	<90.6	ug/L	302	90.6	40		10/14/19 08:58	594-20-7	
1,1-Dichloropropene	<21.6	ug/L	72.0	21.6	40		10/14/19 08:58	563-58-6	
cis-1,3-Dichloropropene	<145	ug/L	484	145	40		10/14/19 08:58	10061-01-5	
trans-1,3-Dichloropropene	<175	ug/L	583	175	40		10/14/19 08:58	10061-02-6	
Diisopropyl ether	<75.5	ug/L	252	75.5	40		10/14/19 08:58	108-20-3	
Ethylbenzene	3490	ug/L	40.0	8.7	40		10/14/19 08:58	100-41-4	
Hexachloro-1,3-butadiene	<47.3	ug/L	200	47.3	40		10/14/19 08:58	87-68-3	
Isopropylbenzene (Cumene)	98.7J	ug/L	200	15.7	40		10/14/19 08:58	98-82-8	
p-Isopropyltoluene	<32.0	ug/L	107	32.0	40		10/14/19 08:58	99-87-6	
Methylene Chloride	<23.2	ug/L	200	23.2	40		10/14/19 08:58	75-09-2	
Methyl-tert-butyl ether	<49.8	ug/L	166	49.8	40		10/14/19 08:58	1634-04-4	
Naphthalene	556	ug/L	200	47.0	40		10/14/19 08:58	91-20-3	
n-Propylbenzene	268	ug/L	200	32.4	40		10/14/19 08:58	103-65-1	
Styrene	<18.6	ug/L	62.1	18.6	40		10/14/19 08:58	100-42-5	
1,1,1,2-Tetrachloroethane	<10.8	ug/L	40.0	10.8	40		10/14/19 08:58	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-5 **Lab ID: 40196974007** Collected: 10/10/19 11:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<11.0	ug/L	40.0	11.0	40		10/14/19 08:58	79-34-5	
Tetrachloroethene	<13.1	ug/L	43.5	13.1	40		10/14/19 08:58	127-18-4	
Toluene	118J	ug/L	200	6.9	40		10/14/19 08:58	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/L	200	25.0	40		10/14/19 08:58	87-61-6	
1,2,4-Trichlorobenzene	<38.1	ug/L	200	38.1	40		10/14/19 08:58	120-82-1	
1,1,1-Trichloroethane	<9.8	ug/L	40.0	9.8	40		10/14/19 08:58	71-55-6	
1,1,2-Trichloroethane	<22.1	ug/L	200	22.1	40		10/14/19 08:58	79-00-5	
Trichloroethene	<10.2	ug/L	40.0	10.2	40		10/14/19 08:58	79-01-6	
Trichlorofluoromethane	<8.6	ug/L	40.0	8.6	40		10/14/19 08:58	75-69-4	
1,2,3-Trichloropropane	<23.6	ug/L	200	23.6	40		10/14/19 08:58	96-18-4	
1,2,4-Trimethylbenzene	1830	ug/L	112	33.6	40		10/14/19 08:58	95-63-6	
1,3,5-Trimethylbenzene	438	ug/L	116	34.9	40		10/14/19 08:58	108-67-8	
Vinyl chloride	<7.0	ug/L	40.0	7.0	40		10/14/19 08:58	75-01-4	
Xylene (Total)	8260	ug/L	120	60.0	40		10/14/19 08:58	1330-20-7	
m&p-Xylene	8000	ug/L	80.0	18.6	40		10/14/19 08:58	179601-23-1	
o-Xylene	261	ug/L	40.0	10.5	40		10/14/19 08:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		40		10/14/19 08:58	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		40		10/14/19 08:58	1868-53-7	
Toluene-d8 (S)	90	%	70-130		40		10/14/19 08:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-4 **Lab ID: 40196974008** Collected: 10/10/19 13:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	3.3J	ug/L	10.0	2.5	10		10/14/19 09:21	71-43-2	
Bromobenzene	<2.4	ug/L	10.0	2.4	10		10/14/19 09:21	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		10/14/19 09:21	74-97-5	
Bromodichloromethane	<3.6	ug/L	12.1	3.6	10		10/14/19 09:21	75-27-4	
Bromoform	<39.7	ug/L	132	39.7	10		10/14/19 09:21	75-25-2	
Bromomethane	<9.7	ug/L	50.0	9.7	10		10/14/19 09:21	74-83-9	
n-Butylbenzene	<7.1	ug/L	23.6	7.1	10		10/14/19 09:21	104-51-8	
sec-Butylbenzene	11.4J	ug/L	50.0	8.5	10		10/14/19 09:21	135-98-8	
tert-Butylbenzene	<3.0	ug/L	10.1	3.0	10		10/14/19 09:21	98-06-6	
Carbon tetrachloride	<1.7	ug/L	10.0	1.7	10		10/14/19 09:21	56-23-5	
Chlorobenzene	<7.1	ug/L	23.7	7.1	10		10/14/19 09:21	108-90-7	
Chloroethane	<13.4	ug/L	50.0	13.4	10		10/14/19 09:21	75-00-3	
Chloroform	<12.7	ug/L	50.0	12.7	10		10/14/19 09:21	67-66-3	
Chloromethane	<21.9	ug/L	73.0	21.9	10		10/14/19 09:21	74-87-3	
2-Chlorotoluene	<9.3	ug/L	50.0	9.3	10		10/14/19 09:21	95-49-8	
4-Chlorotoluene	<7.6	ug/L	25.2	7.6	10		10/14/19 09:21	106-43-4	
1,2-Dibromo-3-chloropropane	<17.6	ug/L	58.8	17.6	10		10/14/19 09:21	96-12-8	
Dibromochloromethane	<26.0	ug/L	86.7	26.0	10		10/14/19 09:21	124-48-1	
1,2-Dibromoethane (EDB)	<8.3	ug/L	27.6	8.3	10		10/14/19 09:21	106-93-4	
Dibromomethane	<9.4	ug/L	31.2	9.4	10		10/14/19 09:21	74-95-3	
1,2-Dichlorobenzene	<7.1	ug/L	23.5	7.1	10		10/14/19 09:21	95-50-1	
1,3-Dichlorobenzene	<6.3	ug/L	20.9	6.3	10		10/14/19 09:21	541-73-1	
1,4-Dichlorobenzene	<9.4	ug/L	31.5	9.4	10		10/14/19 09:21	106-46-7	
Dichlorodifluoromethane	<5.0	ug/L	50.0	5.0	10		10/14/19 09:21	75-71-8	
1,1-Dichloroethane	<2.7	ug/L	10.0	2.7	10		10/14/19 09:21	75-34-3	
1,2-Dichloroethane	<2.8	ug/L	10.0	2.8	10		10/14/19 09:21	107-06-2	
1,1-Dichloroethene	<2.4	ug/L	10.0	2.4	10		10/14/19 09:21	75-35-4	
cis-1,2-Dichloroethene	<2.7	ug/L	10.0	2.7	10		10/14/19 09:21	156-59-2	
trans-1,2-Dichloroethene	<10.9	ug/L	36.4	10.9	10		10/14/19 09:21	156-60-5	
1,2-Dichloropropane	<2.8	ug/L	10.0	2.8	10		10/14/19 09:21	78-87-5	
1,3-Dichloropropane	<8.3	ug/L	27.5	8.3	10		10/14/19 09:21	142-28-9	
2,2-Dichloropropane	<22.7	ug/L	75.5	22.7	10		10/14/19 09:21	594-20-7	
1,1-Dichloropropene	<5.4	ug/L	18.0	5.4	10		10/14/19 09:21	563-58-6	
cis-1,3-Dichloropropene	<36.3	ug/L	121	36.3	10		10/14/19 09:21	10061-01-5	
trans-1,3-Dichloropropene	<43.7	ug/L	146	43.7	10		10/14/19 09:21	10061-02-6	
Diisopropyl ether	<18.9	ug/L	62.9	18.9	10		10/14/19 09:21	108-20-3	
Ethylbenzene	636	ug/L	10.0	2.2	10		10/14/19 09:21	100-41-4	
Hexachloro-1,3-butadiene	<11.8	ug/L	50.0	11.8	10		10/14/19 09:21	87-68-3	
Isopropylbenzene (Cumene)	47.8J	ug/L	50.0	3.9	10		10/14/19 09:21	98-82-8	
p-Isopropyltoluene	<8.0	ug/L	26.7	8.0	10		10/14/19 09:21	99-87-6	
Methylene Chloride	<5.8	ug/L	50.0	5.8	10		10/14/19 09:21	75-09-2	
Methyl-tert-butyl ether	<12.5	ug/L	41.5	12.5	10		10/14/19 09:21	1634-04-4	
Naphthalene	90.7	ug/L	50.0	11.8	10		10/14/19 09:21	91-20-3	
n-Propylbenzene	158	ug/L	50.0	8.1	10		10/14/19 09:21	103-65-1	
Styrene	<4.7	ug/L	15.5	4.7	10		10/14/19 09:21	100-42-5	
1,1,1,2-Tetrachloroethane	<2.7	ug/L	10.0	2.7	10		10/14/19 09:21	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-4 **Lab ID: 40196974008** Collected: 10/10/19 13:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<2.8	ug/L	10.0	2.8	10		10/14/19 09:21	79-34-5	
Tetrachloroethene	<3.3	ug/L	10.9	3.3	10		10/14/19 09:21	127-18-4	
Toluene	8.2J	ug/L	50.0	1.7	10		10/14/19 09:21	108-88-3	
1,2,3-Trichlorobenzene	<6.3	ug/L	50.0	6.3	10		10/14/19 09:21	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		10/14/19 09:21	120-82-1	
1,1,1-Trichloroethane	<2.4	ug/L	10.0	2.4	10		10/14/19 09:21	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/L	50.0	5.5	10		10/14/19 09:21	79-00-5	
Trichloroethene	<2.6	ug/L	10.0	2.6	10		10/14/19 09:21	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	10.0	2.1	10		10/14/19 09:21	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/L	50.0	5.9	10		10/14/19 09:21	96-18-4	
1,2,4-Trimethylbenzene	692	ug/L	28.0	8.4	10		10/14/19 09:21	95-63-6	
1,3,5-Trimethylbenzene	129	ug/L	29.1	8.7	10		10/14/19 09:21	108-67-8	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		10/14/19 09:21	75-01-4	
Xylene (Total)	828	ug/L	30.0	15.0	10		10/14/19 09:21	1330-20-7	
m&p-Xylene	809	ug/L	20.0	4.7	10		10/14/19 09:21	179601-23-1	
o-Xylene	19.7	ug/L	10.0	2.6	10		10/14/19 09:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		10		10/14/19 09:21	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		10		10/14/19 09:21	1868-53-7	
Toluene-d8 (S)	89	%	70-130		10		10/14/19 09:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-3 **Lab ID: 40196974009** Collected: 10/10/19 12:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 11:57	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 11:57	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 11:57	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 11:57	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 11:57	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 11:57	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:57	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 11:57	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 11:57	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 11:57	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:57	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 11:57	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 11:57	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 11:57	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 11:57	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 11:57	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 11:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 11:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 11:57	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 11:57	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 11:57	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 11:57	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 11:57	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 11:57	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 11:57	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:57	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 11:57	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 11:57	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 11:57	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:57	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 11:57	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 11:57	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 11:57	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 11:57	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 11:57	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 11:57	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 11:57	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 11:57	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 11:57	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 11:57	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 11:57	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 11:57	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 11:57	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 11:57	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 11:57	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 11:57	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-3 **Lab ID: 40196974009** Collected: 10/10/19 12:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 11:57	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 11:57	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 11:57	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 11:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 11:57	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 11:57	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 11:57	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 11:57	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 11:57	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 11:57	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 11:57	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 11:57	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 11:57	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 11:57	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 11:57	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 11:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		10/14/19 11:57	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		10/14/19 11:57	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		10/14/19 11:57	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-2 **Lab ID: 40196974010** Collected: 10/10/19 12:05 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	10.7	ug/L	1.0	0.25	1		10/14/19 12:20	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 12:20	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 12:20	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 12:20	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 12:20	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 12:20	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 12:20	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 12:20	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 12:20	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 12:20	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 12:20	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 12:20	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 12:20	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 12:20	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 12:20	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 12:20	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 12:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 12:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 12:20	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 12:20	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 12:20	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 12:20	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 12:20	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 12:20	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 12:20	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 12:20	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 12:20	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 12:20	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 12:20	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 12:20	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 12:20	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 12:20	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 12:20	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 12:20	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 12:20	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 12:20	108-20-3	
Ethylbenzene	98.3	ug/L	1.0	0.22	1		10/14/19 12:20	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 12:20	87-68-3	
Isopropylbenzene (Cumene)	3.0J	ug/L	5.0	0.39	1		10/14/19 12:20	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 12:20	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 12:20	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 12:20	1634-04-4	
Naphthalene	17.2	ug/L	5.0	1.2	1		10/14/19 12:20	91-20-3	
n-Propylbenzene	7.5	ug/L	5.0	0.81	1		10/14/19 12:20	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 12:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 12:20	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-2 **Lab ID: 40196974010** Collected: 10/10/19 12:05 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 12:20	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 12:20	127-18-4	
Toluene	195	ug/L	5.0	0.17	1		10/14/19 12:20	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 12:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 12:20	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 12:20	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 12:20	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 12:20	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 12:20	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 12:20	96-18-4	
1,2,4-Trimethylbenzene	53.5	ug/L	2.8	0.84	1		10/14/19 12:20	95-63-6	
1,3,5-Trimethylbenzene	11.9	ug/L	2.9	0.87	1		10/14/19 12:20	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 12:20	75-01-4	
Xylene (Total)	349	ug/L	3.0	1.5	1		10/14/19 12:20	1330-20-7	
m&p-Xylene	272	ug/L	2.0	0.47	1		10/14/19 12:20	179601-23-1	
o-Xylene	77.6	ug/L	1.0	0.26	1		10/14/19 12:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/14/19 12:20	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		10/14/19 12:20	1868-53-7	
Toluene-d8 (S)	90	%	70-130		1		10/14/19 12:20	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-1 **Lab ID: 40196974011** Collected: 10/10/19 12:25 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		10/14/19 13:50	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/14/19 13:50	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/14/19 13:50	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/14/19 13:50	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/14/19 13:50	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/14/19 13:50	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 13:50	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/14/19 13:50	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/14/19 13:50	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/14/19 13:50	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 13:50	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/14/19 13:50	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/14/19 13:50	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/14/19 13:50	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/14/19 13:50	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/14/19 13:50	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/14/19 13:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/14/19 13:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/14/19 13:50	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/14/19 13:50	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/14/19 13:50	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/14/19 13:50	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/14/19 13:50	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/14/19 13:50	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 13:50	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 13:50	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/14/19 13:50	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/14/19 13:50	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/14/19 13:50	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/14/19 13:50	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/14/19 13:50	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/14/19 13:50	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/14/19 13:50	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/14/19 13:50	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/14/19 13:50	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/14/19 13:50	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/14/19 13:50	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/14/19 13:50	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/14/19 13:50	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/14/19 13:50	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/14/19 13:50	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/14/19 13:50	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/14/19 13:50	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/14/19 13:50	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/14/19 13:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/14/19 13:50	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: MW-1 **Lab ID: 40196974011** Collected: 10/10/19 12:25 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/14/19 13:50	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/14/19 13:50	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/14/19 13:50	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/14/19 13:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/14/19 13:50	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/14/19 13:50	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/14/19 13:50	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/14/19 13:50	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/14/19 13:50	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/14/19 13:50	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/14/19 13:50	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/14/19 13:50	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/14/19 13:50	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/14/19 13:50	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/14/19 13:50	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/14/19 13:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/14/19 13:50	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		10/14/19 13:50	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		10/14/19 13:50	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW
Pace Project No.: 40196974

Sample: DUPLICATE (MW-5) **Lab ID: 40196974012** Collected: 10/10/19 11:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	46.7	ug/L	40.0	9.9	40		10/14/19 09:43	71-43-2	
Bromobenzene	<9.6	ug/L	40.0	9.6	40		10/14/19 09:43	108-86-1	
Bromochloromethane	<14.5	ug/L	200	14.5	40		10/14/19 09:43	74-97-5	
Bromodichloromethane	<14.5	ug/L	48.5	14.5	40		10/14/19 09:43	75-27-4	
Bromoform	<159	ug/L	530	159	40		10/14/19 09:43	75-25-2	
Bromomethane	<38.9	ug/L	200	38.9	40		10/14/19 09:43	74-83-9	
n-Butylbenzene	<28.3	ug/L	94.4	28.3	40		10/14/19 09:43	104-51-8	
sec-Butylbenzene	<33.9	ug/L	200	33.9	40		10/14/19 09:43	135-98-8	
tert-Butylbenzene	<12.2	ug/L	40.5	12.2	40		10/14/19 09:43	98-06-6	
Carbon tetrachloride	<6.6	ug/L	40.0	6.6	40		10/14/19 09:43	56-23-5	
Chlorobenzene	<28.4	ug/L	94.8	28.4	40		10/14/19 09:43	108-90-7	
Chloroethane	<53.7	ug/L	200	53.7	40		10/14/19 09:43	75-00-3	
Chloroform	<51.0	ug/L	200	51.0	40		10/14/19 09:43	67-66-3	
Chloromethane	<87.6	ug/L	292	87.6	40		10/14/19 09:43	74-87-3	
2-Chlorotoluene	<37.0	ug/L	200	37.0	40		10/14/19 09:43	95-49-8	
4-Chlorotoluene	<30.3	ug/L	101	30.3	40		10/14/19 09:43	106-43-4	
1,2-Dibromo-3-chloropropane	<70.5	ug/L	235	70.5	40		10/14/19 09:43	96-12-8	
Dibromochloromethane	<104	ug/L	347	104	40		10/14/19 09:43	124-48-1	
1,2-Dibromoethane (EDB)	<33.2	ug/L	111	33.2	40		10/14/19 09:43	106-93-4	
Dibromomethane	<37.5	ug/L	125	37.5	40		10/14/19 09:43	74-95-3	
1,2-Dichlorobenzene	<28.2	ug/L	94.0	28.2	40		10/14/19 09:43	95-50-1	
1,3-Dichlorobenzene	<25.1	ug/L	83.7	25.1	40		10/14/19 09:43	541-73-1	
1,4-Dichlorobenzene	<37.7	ug/L	126	37.7	40		10/14/19 09:43	106-46-7	
Dichlorodifluoromethane	<20.0	ug/L	200	20.0	40		10/14/19 09:43	75-71-8	
1,1-Dichloroethane	<10.9	ug/L	40.0	10.9	40		10/14/19 09:43	75-34-3	
1,2-Dichloroethane	<11.2	ug/L	40.0	11.2	40		10/14/19 09:43	107-06-2	
1,1-Dichloroethene	<9.8	ug/L	40.0	9.8	40		10/14/19 09:43	75-35-4	
cis-1,2-Dichloroethene	<10.8	ug/L	40.0	10.8	40		10/14/19 09:43	156-59-2	
trans-1,2-Dichloroethene	<43.6	ug/L	145	43.6	40		10/14/19 09:43	156-60-5	
1,2-Dichloropropane	<11.3	ug/L	40.0	11.3	40		10/14/19 09:43	78-87-5	
1,3-Dichloropropane	<33.0	ug/L	110	33.0	40		10/14/19 09:43	142-28-9	
2,2-Dichloropropane	<90.6	ug/L	302	90.6	40		10/14/19 09:43	594-20-7	
1,1-Dichloropropene	<21.6	ug/L	72.0	21.6	40		10/14/19 09:43	563-58-6	
cis-1,3-Dichloropropene	<145	ug/L	484	145	40		10/14/19 09:43	10061-01-5	
trans-1,3-Dichloropropene	<175	ug/L	583	175	40		10/14/19 09:43	10061-02-6	
Diisopropyl ether	<75.5	ug/L	252	75.5	40		10/14/19 09:43	108-20-3	
Ethylbenzene	3600	ug/L	40.0	8.7	40		10/14/19 09:43	100-41-4	
Hexachloro-1,3-butadiene	<47.3	ug/L	200	47.3	40		10/14/19 09:43	87-68-3	
Isopropylbenzene (Cumene)	106J	ug/L	200	15.7	40		10/14/19 09:43	98-82-8	
p-Isopropyltoluene	<32.0	ug/L	107	32.0	40		10/14/19 09:43	99-87-6	
Methylene Chloride	<23.2	ug/L	200	23.2	40		10/14/19 09:43	75-09-2	
Methyl-tert-butyl ether	<49.8	ug/L	166	49.8	40		10/14/19 09:43	1634-04-4	
Naphthalene	609	ug/L	200	47.0	40		10/14/19 09:43	91-20-3	
n-Propylbenzene	293	ug/L	200	32.4	40		10/14/19 09:43	103-65-1	
Styrene	<18.6	ug/L	62.1	18.6	40		10/14/19 09:43	100-42-5	
1,1,1,2-Tetrachloroethane	<10.8	ug/L	40.0	10.8	40		10/14/19 09:43	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: DUPLICATE (MW-5) **Lab ID: 40196974012** Collected: 10/10/19 11:50 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<11.0	ug/L	40.0	11.0	40		10/14/19 09:43	79-34-5	
Tetrachloroethene	<13.1	ug/L	43.5	13.1	40		10/14/19 09:43	127-18-4	
Toluene	121J	ug/L	200	6.9	40		10/14/19 09:43	108-88-3	
1,2,3-Trichlorobenzene	<25.0	ug/L	200	25.0	40		10/14/19 09:43	87-61-6	
1,2,4-Trichlorobenzene	<38.1	ug/L	200	38.1	40		10/14/19 09:43	120-82-1	
1,1,1-Trichloroethane	<9.8	ug/L	40.0	9.8	40		10/14/19 09:43	71-55-6	
1,1,2-Trichloroethane	<22.1	ug/L	200	22.1	40		10/14/19 09:43	79-00-5	
Trichloroethene	<10.2	ug/L	40.0	10.2	40		10/14/19 09:43	79-01-6	
Trichlorofluoromethane	<8.6	ug/L	40.0	8.6	40		10/14/19 09:43	75-69-4	
1,2,3-Trichloropropane	<23.6	ug/L	200	23.6	40		10/14/19 09:43	96-18-4	
1,2,4-Trimethylbenzene	1930	ug/L	112	33.6	40		10/14/19 09:43	95-63-6	
1,3,5-Trimethylbenzene	464	ug/L	116	34.9	40		10/14/19 09:43	108-67-8	
Vinyl chloride	<7.0	ug/L	40.0	7.0	40		10/14/19 09:43	75-01-4	
Xylene (Total)	8480	ug/L	120	60.0	40		10/14/19 09:43	1330-20-7	
m&p-Xylene	8190	ug/L	80.0	18.6	40		10/14/19 09:43	179601-23-1	
o-Xylene	290	ug/L	40.0	10.5	40		10/14/19 09:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		40		10/14/19 09:43	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		40		10/14/19 09:43	1868-53-7	
Toluene-d8 (S)	90	%	70-130		40		10/14/19 09:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: TRIP BLANK **Lab ID: 40196974013** Collected: 10/10/19 08:40 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.25	ug/L	1.0	0.25	1		10/15/19 00:34	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		10/15/19 00:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/15/19 00:34	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		10/15/19 00:34	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		10/15/19 00:34	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		10/15/19 00:34	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		10/15/19 00:34	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		10/15/19 00:34	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		10/15/19 00:34	98-06-6	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		10/15/19 00:34	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		10/15/19 00:34	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		10/15/19 00:34	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		10/15/19 00:34	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		10/15/19 00:34	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		10/15/19 00:34	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		10/15/19 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		10/15/19 00:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		10/15/19 00:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		10/15/19 00:34	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		10/15/19 00:34	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		10/15/19 00:34	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		10/15/19 00:34	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		10/15/19 00:34	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		10/15/19 00:34	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		10/15/19 00:34	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		10/15/19 00:34	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		10/15/19 00:34	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		10/15/19 00:34	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		10/15/19 00:34	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		10/15/19 00:34	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		10/15/19 00:34	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		10/15/19 00:34	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		10/15/19 00:34	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		10/15/19 00:34	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		10/15/19 00:34	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		10/15/19 00:34	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		10/15/19 00:34	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		10/15/19 00:34	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		10/15/19 00:34	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		10/15/19 00:34	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		10/15/19 00:34	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		10/15/19 00:34	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		10/15/19 00:34	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		10/15/19 00:34	103-65-1	
Styrene	<0.47	ug/L	1.6	0.47	1		10/15/19 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		10/15/19 00:34	630-20-6	

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ANALYTICAL RESULTS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Sample: TRIP BLANK **Lab ID: 40196974013** Collected: 10/10/19 08:40 Received: 10/10/19 14:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		10/15/19 00:34	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		10/15/19 00:34	127-18-4	
Toluene	<0.17	ug/L	5.0	0.17	1		10/15/19 00:34	108-88-3	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		10/15/19 00:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/15/19 00:34	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		10/15/19 00:34	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		10/15/19 00:34	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		10/15/19 00:34	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		10/15/19 00:34	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		10/15/19 00:34	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		10/15/19 00:34	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		10/15/19 00:34	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/15/19 00:34	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		10/15/19 00:34	1330-20-7	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		10/15/19 00:34	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		10/15/19 00:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		10/15/19 00:34	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		10/15/19 00:34	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		10/15/19 00:34	2037-26-5	

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QUALITY CONTROL DATA

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

QC Batch: 337263 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40196974001, 40196974002, 40196974003, 40196974004, 40196974005, 40196974006, 40196974007, 40196974008, 40196974009, 40196974010, 40196974011, 40196974012, 40196974013

METHOD BLANK: 1959904 Matrix: Water
 Associated Lab Samples: 40196974001, 40196974002, 40196974003, 40196974004, 40196974005, 40196974006, 40196974007, 40196974008, 40196974009, 40196974010, 40196974011, 40196974012, 40196974013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	10/14/19 06:21	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	10/14/19 06:21	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	10/14/19 06:21	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	10/14/19 06:21	
1,1-Dichloroethane	ug/L	<0.27	1.0	10/14/19 06:21	
1,1-Dichloroethene	ug/L	<0.24	1.0	10/14/19 06:21	
1,1-Dichloropropene	ug/L	<0.54	1.8	10/14/19 06:21	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	10/14/19 06:21	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	10/14/19 06:21	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/14/19 06:21	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	10/14/19 06:21	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	10/14/19 06:21	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	10/14/19 06:21	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	10/14/19 06:21	
1,2-Dichloroethane	ug/L	<0.28	1.0	10/14/19 06:21	
1,2-Dichloropropane	ug/L	<0.28	1.0	10/14/19 06:21	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	10/14/19 06:21	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	10/14/19 06:21	
1,3-Dichloropropane	ug/L	<0.83	2.8	10/14/19 06:21	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	10/14/19 06:21	
2,2-Dichloropropane	ug/L	<2.3	7.6	10/14/19 06:21	
2-Chlorotoluene	ug/L	<0.93	5.0	10/14/19 06:21	
4-Chlorotoluene	ug/L	<0.76	2.5	10/14/19 06:21	
Benzene	ug/L	<0.25	1.0	10/14/19 06:21	
Bromobenzene	ug/L	<0.24	1.0	10/14/19 06:21	
Bromochloromethane	ug/L	<0.36	5.0	10/14/19 06:21	
Bromodichloromethane	ug/L	<0.36	1.2	10/14/19 06:21	
Bromoform	ug/L	<4.0	13.2	10/14/19 06:21	
Bromomethane	ug/L	<0.97	5.0	10/14/19 06:21	
Carbon tetrachloride	ug/L	<0.17	1.0	10/14/19 06:21	
Chlorobenzene	ug/L	<0.71	2.4	10/14/19 06:21	
Chloroethane	ug/L	<1.3	5.0	10/14/19 06:21	
Chloroform	ug/L	<1.3	5.0	10/14/19 06:21	
Chloromethane	ug/L	<2.2	7.3	10/14/19 06:21	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	10/14/19 06:21	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	10/14/19 06:21	
Dibromochloromethane	ug/L	<2.6	8.7	10/14/19 06:21	
Dibromomethane	ug/L	<0.94	3.1	10/14/19 06:21	
Dichlorodifluoromethane	ug/L	<0.50	5.0	10/14/19 06:21	
Diisopropyl ether	ug/L	<1.9	6.3	10/14/19 06:21	

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

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QUALITY CONTROL DATA

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

METHOD BLANK: 1959904

Matrix: Water

Associated Lab Samples: 40196974001, 40196974002, 40196974003, 40196974004, 40196974005, 40196974006, 40196974007, 40196974008, 40196974009, 40196974010, 40196974011, 40196974012, 40196974013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.22	1.0	10/14/19 06:21	
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	10/14/19 06:21	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	10/14/19 06:21	
m&p-Xylene	ug/L	<0.47	2.0	10/14/19 06:21	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	10/14/19 06:21	
Methylene Chloride	ug/L	<0.58	5.0	10/14/19 06:21	
n-Butylbenzene	ug/L	<0.71	2.4	10/14/19 06:21	
n-Propylbenzene	ug/L	<0.81	5.0	10/14/19 06:21	
Naphthalene	ug/L	<1.2	5.0	10/14/19 06:21	
o-Xylene	ug/L	<0.26	1.0	10/14/19 06:21	
p-Isopropyltoluene	ug/L	<0.80	2.7	10/14/19 06:21	
sec-Butylbenzene	ug/L	<0.85	5.0	10/14/19 06:21	
Styrene	ug/L	<0.47	1.6	10/14/19 06:21	
tert-Butylbenzene	ug/L	<0.30	1.0	10/14/19 06:21	
Tetrachloroethene	ug/L	<0.33	1.1	10/14/19 06:21	
Toluene	ug/L	<0.17	5.0	10/14/19 06:21	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	10/14/19 06:21	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	10/14/19 06:21	
Trichloroethene	ug/L	<0.26	1.0	10/14/19 06:21	
Trichlorofluoromethane	ug/L	<0.21	1.0	10/14/19 06:21	
Vinyl chloride	ug/L	<0.17	1.0	10/14/19 06:21	
Xylene (Total)	ug/L	<1.5	3.0	10/14/19 06:21	
4-Bromofluorobenzene (S)	%	94	70-130	10/14/19 06:21	
Dibromofluoromethane (S)	%	112	70-130	10/14/19 06:21	
Toluene-d8 (S)	%	89	70-130	10/14/19 06:21	

LABORATORY CONTROL SAMPLE: 1959905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	61.3	123	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	46.9	94	70-130	
1,1,2-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethane	ug/L	50	64.8	130	73-150	
1,1-Dichloroethene	ug/L	50	62.2	124	73-138	
1,2,4-Trichlorobenzene	ug/L	50	48.3	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.8	78	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	53.1	106	70-130	
1,2-Dichlorobenzene	ug/L	50	50.0	100	70-130	
1,2-Dichloroethane	ug/L	50	63.5	127	75-140	
1,2-Dichloropropane	ug/L	50	57.0	114	73-135	
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	51.7	103	70-130	
Benzene	ug/L	50	57.6	115	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

LABORATORY CONTROL SAMPLE: 1959905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	57.0	114	70-130	
Bromoform	ug/L	50	53.6	107	68-129	
Bromomethane	ug/L	50	24.6	49	18-159	
Carbon tetrachloride	ug/L	50	60.9	122	70-130	
Chlorobenzene	ug/L	50	55.0	110	70-130	
Chloroethane	ug/L	50	44.3	89	53-147	
Chloroform	ug/L	50	60.6	121	74-136	
Chloromethane	ug/L	50	25.8	52	29-115	
cis-1,2-Dichloroethene	ug/L	50	59.3	119	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	
Dibromochloromethane	ug/L	50	53.8	108	70-130	
Dichlorodifluoromethane	ug/L	50	17.8	36	10-130	
Ethylbenzene	ug/L	50	53.1	106	80-124	
Isopropylbenzene (Cumene)	ug/L	50	53.3	107	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	48.4	97	54-137	
Methylene Chloride	ug/L	50	60.5	121	73-138	
o-Xylene	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	54.2	108	70-130	
Tetrachloroethene	ug/L	50	59.4	119	70-130	
Toluene	ug/L	50	52.5	105	80-126	
trans-1,2-Dichloroethene	ug/L	50	65.4	131	73-145	
trans-1,3-Dichloropropene	ug/L	50	45.5	91	70-130	
Trichloroethene	ug/L	50	59.9	120	70-130	
Trichlorofluoromethane	ug/L	50	54.2	108	76-147	
Vinyl chloride	ug/L	50	37.7	75	51-120	
Xylene (Total)	ug/L	150	165	110	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			109	70-130	
Toluene-d8 (S)	%			90	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1959929 1959930

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40196974002	Result	Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	59.2	56.9	118	114	70-130	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	45.7	43.7	91	87	70-130	4	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.3	48.9	103	98	70-137	5	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	62.6	60.1	125	120	73-153	4	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	60.7	57.5	121	115	73-138	5	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.0	46.0	96	92	70-130	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	38.7	37.4	77	75	58-129	3	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	51.6	49.8	103	100	70-130	4	20		
1,2-Dichlorobenzene	ug/L	<0.71	50	50	48.5	46.3	97	93	70-130	5	20		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1959929 1959930												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40196974002 Result	Spike Conc.	Spike Conc.	MS Result							
1,2-Dichloroethane	ug/L	<0.28	50	50	61.5	58.3	123	117	75-140	5	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	55.2	52.7	110	105	71-138	5	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	49.2	46.7	98	93	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	50.4	48.0	101	96	70-130	5	20	
Benzene	ug/L	<0.25	50	50	55.7	53.4	111	107	70-130	4	20	
Bromodichloromethane	ug/L	<0.36	50	50	55.5	52.8	111	106	70-130	5	20	
Bromoform	ug/L	<4.0	50	50	51.9	50.0	104	100	68-129	4	20	
Bromomethane	ug/L	<0.97	50	50	26.3	26.7	53	53	15-170	1	20	
Carbon tetrachloride	ug/L	<0.17	50	50	59.3	57.0	119	114	70-130	4	20	
Chlorobenzene	ug/L	<0.71	50	50	52.9	50.9	106	102	70-130	4	20	
Chloroethane	ug/L	<1.3	50	50	42.9	40.6	86	81	51-148	5	20	
Chloroform	ug/L	<1.3	50	50	58.2	55.6	116	111	74-136	4	20	
Chloromethane	ug/L	<2.2	50	50	25.2	23.1	50	46	23-115	9	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	57.6	55.2	115	110	70-131	4	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	48.8	46.5	98	93	70-130	5	20	
Dibromochloromethane	ug/L	<2.6	50	50	51.8	50.0	104	100	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	16.8	15.8	34	32	10-132	6	20	
Ethylbenzene	ug/L	<0.22	50	50	51.2	49.0	102	98	80-125	4	20	
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	51.4	49.2	103	98	70-130	5	20	
m&p-Xylene	ug/L	<0.47	100	100	107	102	107	102	70-130	5	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	47.2	45.1	94	90	51-145	5	20	
Methylene Chloride	ug/L	<0.58	50	50	58.7	56.6	117	113	73-140	4	20	
o-Xylene	ug/L	<0.26	50	50	52.0	50.0	104	100	70-130	4	20	
Styrene	ug/L	<0.47	50	50	51.9	49.7	104	99	70-130	4	20	
Tetrachloroethene	ug/L	<0.33	50	50	57.3	54.9	115	110	70-130	4	20	
Toluene	ug/L	<0.17	50	50	50.6	48.5	101	97	80-131	4	20	
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	63.3	60.7	127	121	73-148	4	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	44.5	42.2	89	84	70-130	5	20	
Trichloroethene	ug/L	<0.26	50	50	58.8	55.5	118	111	70-130	6	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	52.1	49.9	104	100	74-147	4	20	
Vinyl chloride	ug/L	<0.17	50	50	36.5	35.1	73	70	41-129	4	20	
Xylene (Total)	ug/L	<1.5	150	150	159	152	106	102	70-130	4	20	
4-Bromofluorobenzene (S)	%						101	101	70-130			
Dibromofluoromethane (S)	%						110	111	70-130			
Toluene-d8 (S)	%						89	90	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

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 LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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 at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1902744 D&G MOBIL GW

Pace Project No.: 40196974

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40196974001	MW-8	EPA 8260	337263		
40196974002	MW-8A	EPA 8260	337263		
40196974003	PZ-8	EPA 8260	337263		
40196974004	MW-9	EPA 8260	337263		
40196974005	MW-7	EPA 8260	337263		
40196974006	MW-6	EPA 8260	337263		
40196974007	MW-5	EPA 8260	337263		
40196974008	MW-4	EPA 8260	337263		
40196974009	MW-3	EPA 8260	337263		
40196974010	MW-2	EPA 8260	337263		
40196974011	MW-1	EPA 8260	337263		
40196974012	DUPLICATE (MW-5)	EPA 8260	337263		
40196974013	TRIP BLANK	EPA 8260	337263		

REPORT OF LABORATORY ANALYSIS

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Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Client Name: GEI

Project # 40196974

Page 40 of 41

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Page Lab #	Glass							Plastic							Vials					Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤	pH after adjusted	Volume (mL)			
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU	SP5T	ZPLC								GN		
001																	3																		2.5 / 5 / 10
002																	3																		2.5 / 5 / 10
003																	3																		2.5 / 5 / 10
004																	3																		2.5 / 5 / 10
005																	3																		2.5 / 5 / 10
006																	3																		2.5 / 5 / 10
007																	3																		2.5 / 5 / 10
008																	3																		2.5 / 5 / 10
009																	3																		2.5 / 5 / 10
010																	3																		2.5 / 5 / 10
011																	3																		2.5 / 5 / 10
012																	3																		2.5 / 5 / 10
013																	2																		2.5 / 5 / 10
014																																			2.5 / 5 / 10
015																																			2.5 / 5 / 10
016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column


AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	DG9A	40 mL amber ascorbic	JGFU	4 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP2N	500 mL plastic HNO3	DG9T	40 mL amber Na Thio	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH, Znact	VG9U	40 mL clear vial unpres	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3U	250 mL plastic unpres	VG9H	40 mL clear vial HCL		
AG5U	100 mL amber glass unpres	BP3B	250 mL plastic NaOH	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres	BP3S	250 mL plastic H2SO4			GN:	

Sample Condition Upon Receipt Form (SCUR)

Client Name: GEI Project #: _____

Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Tracking #: _____

WO# : 40196974

40196974

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
Custody Seal on Samples Present: yes no Seals intact: yes no
Packing Material: Bubble Wrap Bubble Bags None Other
Thermometer Used SR - NA Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature Uncorr: RU /Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.


Person examining contents:
Date: 10/10/19
Initials: MB

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>NO invoice info mt 10/10/19</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>433</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:  Date: 10/11/19