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August 5, 2020

Delivered via Email

Mr. Jeffery E. Mendenhall
South Carolina Department of Health and Environmental Control
Assessment Section, UST Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

**Subject: Lewis Drive – July 2000 Draft Data Transmittal
Plantation Pipe Line Company
Lewis Drive Remediation Site
Belton, South Carolina
Site ID #18693, “Kinder Morgan Belton Pipeline Release”**

Dear Mr. Mendenhall,

On behalf of Plantation Pipe Line Company (Plantation), and as agreed to in our November 1, 2018 meeting with South Carolina Department of Health and Environmental Control, Jacobs is sending this draft data transmittal for the groundwater and surface water sampling events conducted during July 2020. The following preliminary data summary tables are included with this submittal.

- Analytical Results for Groundwater – July 2020 (Table 1)
- Analytical Results for Surface Water – July 2020 (Table 2)

The preliminary analytical laboratory data sheets are included with this submittal as Attachment A.

If you have specific questions about this data transmittal, please call Tom Wiley/Jacobs at (404) 432-6312, or Mr. Jerry Aycock/Plantation at (770) 751-4165.



August 5, 2020

Subject: Lewis Drive – July Draft Data Transmittal
Plantation Pipe Line Company

Lewis Drive Remediation Site

Belton, South Carolina

Site ID #18693, "Kinder Morgan Belton Pipeline Release"

Regards,

A handwritten signature in blue ink, appearing to read "William M. Waldron".

William M. Waldron, P.E.

Program Manager

Copies to: Jerry Aycock, Plantation, (Digital, Jerry_Aycock@kindermorgan.com)

Mary Clair Lyons, Esq., Plantation, (Digital, Mary_Lyons@kindermorgan.com)

Richard Morton, Esq., Womble Bond Dickinson, LLP, (Digital, ric.morton@wbd-us.com)

Attachments:

Table 1 - Analytical Results for Groundwater – July 2020

Table 2 - Analytical Results for Surface Water – July 2020

Attachment A – Analytical Laboratory Data Sheets (July 7 – 22, 2020)

Tables

Table 1. Analytical Results for Groundwater - July 2020

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB							
RBSL^a:			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05							
MW-01	MW-01-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-01B	MW-01B-070720	7/7/2020	µg/L	5.56		1	U	1	U	3	U	1	U	1	U	5	U	--
MW-04	MW-04-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-06B	MW-06B-070720	7/7/2020	µg/L	1	U	1	U	3.55		3	U	1	U	1	U	5	U	--
MW-07	MW-07-070920	7/9/2020	µg/L	41.4		22.1		103		431		1	U	1	U	5.45		--
MW-09	MW-09-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	7.58		5	U	--
MW-09B	MW-09B-070720	7/7/2020	µg/L	2.66		2.42		10.5		19.1		1	U	1	U	5	U	--
MW-11	MW-11-070820	7/8/2020	µg/L	4,540		2,210		30,300		13,900		250	U ^b	250	U ^b	1,250	U ^b	--
MW-12	MW-12-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-12B	MW-12B-070820	7/8/2020	µg/L	10.7		1	U	1	U	3	U	1		1		6.58		--
MW-13	MW-13-070820	7/8/2020	µg/L	13,400		1,310		29,600		7,750		50	U ^b	50	U ^b	250	U ^b	--
MW-13B	MW-13B-070920	7/9/2020	µg/L	2,170		50	U	55.6		150	U	50	U ^b	192		250	U ^b	--
MW-14	MW-14-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.03		5	U	--
MW-14B	MW-14B-070820	7/8/2020	µg/L	14.6		1	U	1	U	3.63		1	U	12.3		5	U	--
MW-15	MW-15-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-15B	MW-15B-072220	7/22/2020	µg/L	4,130		201		1,270		2,090		20	U ^b	206		100	U ^b	--
MW-17	MW-17-070720	7/7/2020	µg/L	2.21		1	U	1.44		5.60		1	U	1	U	5	U	--
MW-17B	MW-17B-072220	7/22/2020	µg/L	8,180		1,750		22,900		11,200		250	U ^b	250	U ^b	1,250	U ^b	--
MW-18	MW-18-070720	7/7/2020	µg/L	1	U	1	U	1.85		8.84		1	U	8.53		29.8		--
MW-19	MW-19-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-20	MW-20-070920	7/9/2020	µg/L	8,310		1,770		25,900		10,700		250	U ^b	250	U ^b	1250	U ^b	--
MW-21	MW-21-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.20		5	U	--
MW-22	MW-22-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-23	MW-23-070920	7/9/2020	µg/L	3,490		239		3,780		2,240		20	U ^b	56.9		100	U ^b	--
MW-23B	MW-23B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-24	MW-24-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-24B	MW-24B-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-25	MW-25-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-25B	MW-25B-070820	7/8/2020	µg/L	1.38		1	U	1	U	3	U	1	U	1	U	5	U	--
MW-26	MW-26-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-26B	MW-26B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-27	MW-27-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-27B	MW-27B-070820	7/8/2020	µg/L	1	U	1.43		2.48		9.72		1	U	1	U	5	U	--
MW-28	MW-28-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-29	MW-29-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-32	MW-32-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--

Table 1. Analytical Results for Groundwater - July 2020

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Units	Analyte														
				Benzene		Ethylbenzene		Toluene		Total Xylenes		1,2-DCA		MTBE		Naphthalene		EDB
RBSL^a:			µg/L	5.0		700		1,000		10,000		5.0		40		25		0.05
MW-33T	MW-33T-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-35	MW-35-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-36	MW-36-070920	7/9/2020	µg/L	4.87		1	U	3.81		4.57		1	U	1.81		5	U	--
MW-36B	MW-36B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-37	MW-37-072220	7/22/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-38	MW-38-072220	7/22/2020	µg/L	3,610		20	U	20	U	620		20	U ^b	302		100	U ^b	--
MW-38B	MW-38B-070820	7/8/2020	µg/L	2,580		20	U	20	U	355		20	U ^b	181		100	U ^b	--
MW-39	MW-39-070820	7/8/2020	µg/L	3.38		1	U	1	U	3	U	1	U	87.0		5	U	--
MW-40	MW-40-070920	7/9/2020	µg/L	1.24		1	U	1	U	3	U	1	U	17.2		5	U	--
MW-41	MW-41-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-42	MW-42-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-45	MW-45-070920	7/9/2020	µg/L	1	U	1	U	3.71		3	U	1	U	32.3		5	U	--
MW-45B	MW-45B-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-46	MW-46-072220	7/22/2020	µg/L	55.7		1	U	1	U	6.54		1	U	147		5	U	--
MW-47	MW-47-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-50B	MW-50B-070820	7/8/2020	µg/L	44.8		1	U	1	U	3	U	1	U	68.9		5	U	--
MW-51	MW-51-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-52	MW-52-070820	7/8/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1.76		5	U	--
MW-53	MW-53-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-54	MW-54-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-55	MW-55-070720	7/7/2020	µg/L	1	U	1	U	1	U	3	U	1	U	1	U	5	U	--
MW-56	MW-56-072220	7/22/2020	µg/L	1	U	1	U	1	U	3	U	1	U	55.3		5	U	--
MW-57	MW-57-072220	7/22/2020	µg/L	182		1	U	1	U	17.2		1	U	106		5	U	--
MW-60	MW-60-070720	7/7/2020	µg/L	970		1.19		15.4		252		1	U	145		10.3		--

Notes:

^a RBSL = Risk-based screening levels identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan, Revision 3.1, Table D1 "RBSLs for Groundwater", February 2016

^b The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit can not be determined.

*Unable to collect depth to water due to fluctuation of the well from air bubbling.

Samples analyzed by EPA Methods SW 8260D

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded RBSLs.

µg/L = microgram(s) per liter

U = analyte was not detected above the reported sample quantitation ID = identification

MTBE = methyl tertiary butyl ether

1,2-DCA = 1,2-dichloroethane

EDB = 1,2-dibromoethane

Table 2. Analytical Results for Surface Water - July 2020
Plantation Pipe Line Company
Lewis Drive Remediation Site, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte													
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE							
			Screening Value (µg/L):	2.2	^a	530	^a	1,000	^a	NA	^b	NA	^b	NA	^b	NA	^b
SW-01	SW01-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-02	SW02-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.53	
SW-03	SW03-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-04	SW04-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.29	
SW-05	SW05-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-07	SW07-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-08	SW08-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-09	SW09-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-10	SW10-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-11	SW11-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-12	SW12-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U
SW-13	SW13-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1.89	
SW-14	SW14-070920	7/9/2020	µg/L	1	U	1	U	1	U	2	U	1	U	5	U	1	U

Notes:

^a South Carolina Department of Health and Environmental Control (SC DHEC) R.61-68, Water Classifications and Standards, Human Health for consumption of water and organism, June 27, 2014.

^b Screening levels for these analytes are not specified in SC DHEC R. 61-68.

^c The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit can not be determined.

Samples analyzed by EPA Methods SW 8260D

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded its screening value.

U = analyte was not detected above the reported sample quantitation limit

µg/L = microgram(s) per liter

MTBE = methyl tertiary butyl ether

ID = identification

SW = surface water

NA = not available/not applicable

Attachment A
Analytical Laboratory Data Sheets
(July 7 – 22, 2020)

July 17, 2020

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1237526
Samples Received: 07/08/2020
Project Number: KMLDOM200
Description: Lewis Drive Groundwater

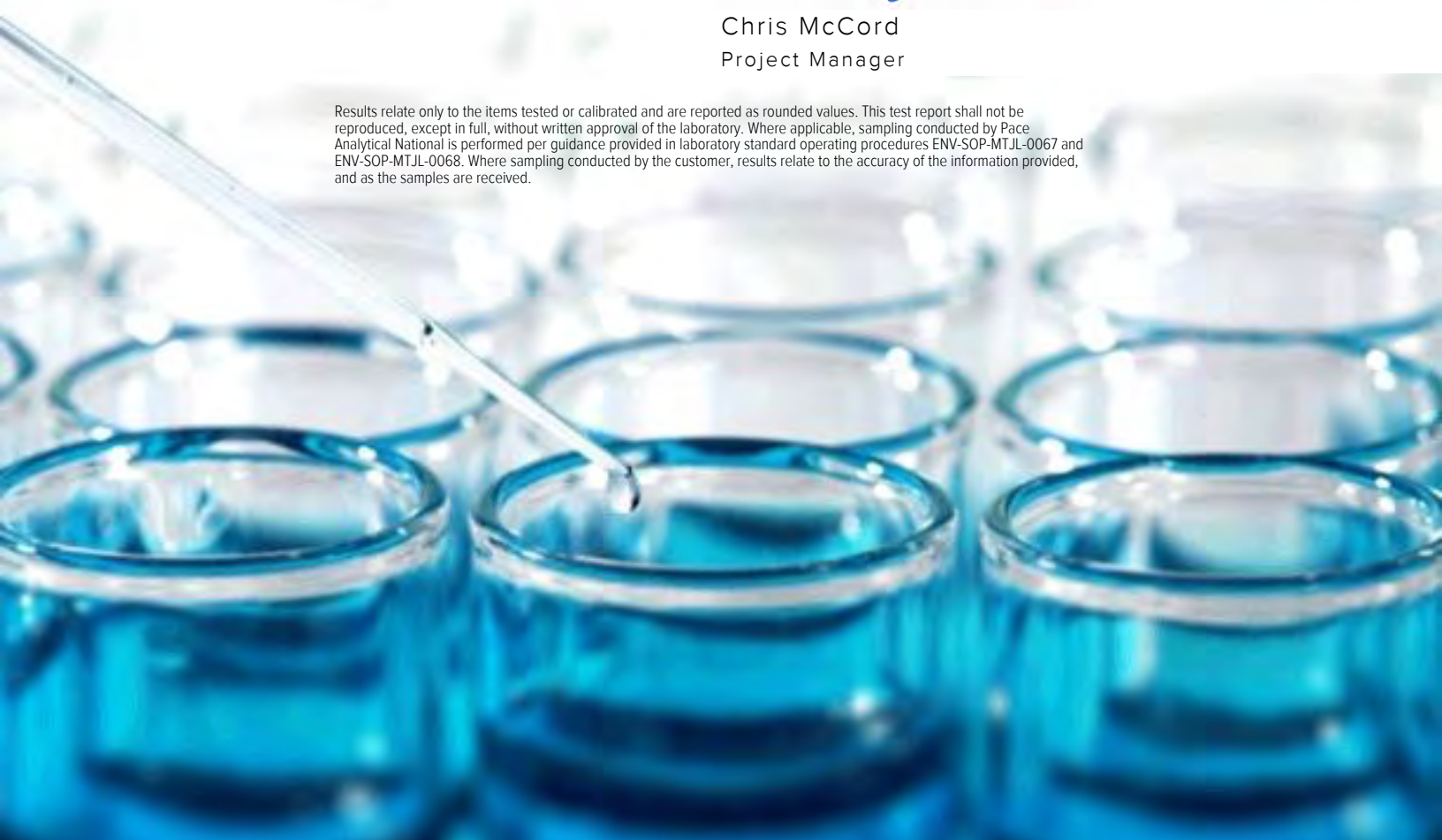
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
MW-01-070720 L1237526-01	6
MW-01B-070720 L1237526-02	7
MW-29-070720 L1237526-03	8
MW-19-070720 L1237526-04	9
MW-17-070720 L1237526-05	10
MW-21-070720 L1237526-06	11
MW-23B-070720 L1237526-07	12
MW-26B-070720 L1237526-08	13
MW-26-070720 L1237526-09	14
MW-45B-070720 L1237526-10	15
MW-60-070720 L1237526-11	16
TB-02-070720 L1237526-12	17
Qc: Quality Control Summary	18
Volatile Organic Compounds (GC/MS) by Method 8260D	18
Gl: Glossary of Terms	20
Al: Accreditations & Locations	21
Sc: Sample Chain of Custody	22





All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2020 23:23	WG1506763
Toluene	ND		1.00	1	07/09/2020 23:23	WG1506763
Ethylbenzene	ND		1.00	1	07/09/2020 23:23	WG1506763
Total Xylenes	ND		3.00	1	07/09/2020 23:23	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/09/2020 23:23	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/09/2020 23:23	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/09/2020 23:23	WG1506763
(S) Toluene-d8	98.1		80.0-120		07/09/2020 23:23	WG1506763
(S) 4-Bromofluorobenzene	89.3		77.0-126		07/09/2020 23:23	WG1506763
(S) 1,2-Dichloroethane-d4	127		70.0-130		07/09/2020 23:23	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	5.56		1.00	1	07/09/2020 23:43	WG1506763
Toluene	ND		1.00	1	07/09/2020 23:43	WG1506763
Ethylbenzene	ND		1.00	1	07/09/2020 23:43	WG1506763
Total Xylenes	ND		3.00	1	07/09/2020 23:43	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/09/2020 23:43	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/09/2020 23:43	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/09/2020 23:43	WG1506763
(S) Toluene-d8	102		80.0-120		07/09/2020 23:43	WG1506763
(S) 4-Bromofluorobenzene	88.6		77.0-126		07/09/2020 23:43	WG1506763
(S) 1,2-Dichloroethane-d4	124		70.0-130		07/09/2020 23:43	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
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- 6 Qc
- 7 Gl
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- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 00:03	WG1506763
Toluene	ND		1.00	1	07/10/2020 00:03	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 00:03	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 00:03	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 00:03	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 00:03	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 00:03	WG1506763
(S) Toluene-d8	102		80.0-120		07/10/2020 00:03	WG1506763
(S) 4-Bromofluorobenzene	94.8		77.0-126		07/10/2020 00:03	WG1506763
(S) 1,2-Dichloroethane-d4	120		70.0-130		07/10/2020 00:03	WG1506763

1 Cp

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7 Gl

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9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 00:23	WG1506763
Toluene	ND		1.00	1	07/10/2020 00:23	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 00:23	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 00:23	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 00:23	WG1506763
Naphthalene	ND	<u>J0</u>	5.00	1	07/10/2020 00:23	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 00:23	WG1506763
(S) Toluene-d8	99.1		80.0-120		07/10/2020 00:23	WG1506763
(S) 4-Bromofluorobenzene	90.2		77.0-126		07/10/2020 00:23	WG1506763
(S) 1,2-Dichloroethane-d4	137	<u>J1</u>	70.0-130		07/10/2020 00:23	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2.21		1.00	1	07/10/2020 00:43	WG1506763
Toluene	1.44		1.00	1	07/10/2020 00:43	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 00:43	WG1506763
Total Xylenes	5.46		3.00	1	07/10/2020 00:43	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 00:43	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 00:43	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 00:43	WG1506763
(S) Toluene-d8	99.3		80.0-120		07/10/2020 00:43	WG1506763
(S) 4-Bromofluorobenzene	94.8		77.0-126		07/10/2020 00:43	WG1506763
(S) 1,2-Dichloroethane-d4	123		70.0-130		07/10/2020 00:43	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 01:03	WG1506763
Toluene	ND		1.00	1	07/10/2020 01:03	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 01:03	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 01:03	WG1506763
Methyl tert-butyl ether	1.20		1.00	1	07/10/2020 01:03	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 01:03	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 01:03	WG1506763
(S) Toluene-d8	95.8		80.0-120		07/10/2020 01:03	WG1506763
(S) 4-Bromofluorobenzene	87.8		77.0-126		07/10/2020 01:03	WG1506763
(S) 1,2-Dichloroethane-d4	123		70.0-130		07/10/2020 01:03	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 01:22	WG1506763
Toluene	ND		1.00	1	07/10/2020 01:22	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 01:22	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 01:22	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 01:22	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 01:22	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 01:22	WG1506763
(S) Toluene-d8	95.4		80.0-120		07/10/2020 01:22	WG1506763
(S) 4-Bromofluorobenzene	89.5		77.0-126		07/10/2020 01:22	WG1506763
(S) 1,2-Dichloroethane-d4	126		70.0-130		07/10/2020 01:22	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 01:42	WG1506763
Toluene	ND		1.00	1	07/10/2020 01:42	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 01:42	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 01:42	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 01:42	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 01:42	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 01:42	WG1506763
(S) Toluene-d8	100		80.0-120		07/10/2020 01:42	WG1506763
(S) 4-Bromofluorobenzene	86.9		77.0-126		07/10/2020 01:42	WG1506763
(S) 1,2-Dichloroethane-d4	123		70.0-130		07/10/2020 01:42	WG1506763

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 02:02	WG1506763
Toluene	ND		1.00	1	07/10/2020 02:02	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 02:02	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 02:02	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 02:02	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 02:02	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 02:02	WG1506763
(S) Toluene-d8	101		80.0-120		07/10/2020 02:02	WG1506763
(S) 4-Bromofluorobenzene	93.4		77.0-126		07/10/2020 02:02	WG1506763
(S) 1,2-Dichloroethane-d4	126		70.0-130		07/10/2020 02:02	WG1506763

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 02:22	WG1506763
Toluene	ND		1.00	1	07/10/2020 02:22	WG1506763
Ethylbenzene	ND		1.00	1	07/10/2020 02:22	WG1506763
Total Xylenes	ND		3.00	1	07/10/2020 02:22	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 02:22	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/10/2020 02:22	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 02:22	WG1506763
(S) Toluene-d8	96.6		80.0-120		07/10/2020 02:22	WG1506763
(S) 4-Bromofluorobenzene	88.2		77.0-126		07/10/2020 02:22	WG1506763
(S) 1,2-Dichloroethane-d4	124		70.0-130		07/10/2020 02:22	WG1506763

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	970		20.0	20	07/15/2020 04:46	WG1509057
Toluene	15.4		1.00	1	07/10/2020 02:42	WG1506763
Ethylbenzene	1.19		1.00	1	07/10/2020 02:42	WG1506763
Total Xylenes	252		3.00	1	07/10/2020 02:42	WG1506763
Methyl tert-butyl ether	145		1.00	1	07/10/2020 02:42	WG1506763
Naphthalene	10.3	<u>JO</u>	5.00	1	07/10/2020 02:42	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/10/2020 02:42	WG1506763
(S) Toluene-d8	99.7		80.0-120		07/10/2020 02:42	WG1506763
(S) Toluene-d8	102		80.0-120		07/15/2020 04:46	WG1509057
(S) 4-Bromofluorobenzene	91.7		77.0-126		07/10/2020 02:42	WG1506763
(S) 4-Bromofluorobenzene	97.9		77.0-126		07/15/2020 04:46	WG1509057
(S) 1,2-Dichloroethane-d4	111		70.0-130		07/10/2020 02:42	WG1506763
(S) 1,2-Dichloroethane-d4	99.5		70.0-130		07/15/2020 04:46	WG1509057

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2020 22:23	WG1506763
Toluene	ND		1.00	1	07/09/2020 22:23	WG1506763
Ethylbenzene	ND		1.00	1	07/09/2020 22:23	WG1506763
Total Xylenes	ND		3.00	1	07/09/2020 22:23	WG1506763
Methyl tert-butyl ether	ND		1.00	1	07/09/2020 22:23	WG1506763
Naphthalene	ND	<u>JO</u>	5.00	1	07/09/2020 22:23	WG1506763
1,2-Dichloroethane	ND		1.00	1	07/09/2020 22:23	WG1506763
(S) Toluene-d8	96.1		80.0-120		07/09/2020 22:23	WG1506763
(S) 4-Bromofluorobenzene	85.7		77.0-126		07/09/2020 22:23	WG1506763
(S) 1,2-Dichloroethane-d4	127		70.0-130		07/09/2020 22:23	WG1506763

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Pres
 Chk

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
 Lewis Drive Surface Water

City/State
 Collected: **Belton, SC**

Please Circle:
 PT MT CT ET

Phone: **770-604-9182**

Client Project #
KMLD0M200

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
Alex Frimms

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 Date Results Needed

Immediately Packed on Ice N Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

MW-01-070720	616	GW	10'	7/17/20	1300	3
MW-01B-070720		GW	35'		1410	3
MW-29-070720		GW	13'		1440	3
MW-14-070720		GW	9.5'		1455	3
MW-17-070720		GW	10.5'		1520	3
MW-21-070720		GW	17'		1530	3
MW-23B-070720		GW	47'		1550	3
MW-26B-070720		GW	35'		1610	3
MW-26-070720		GW	12'		1620	3
MW-45B-070720		GW	45'		1630	3

Analysis / Container / Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
V8260BTEXMNSC 40mlAmb-HCl																					

Chain of Custody Page 1 of 2



12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



SDG # **L1237526**
D041

Acctnum: **KINCH2MGA**
 Template: **T155770**
 Prelogin: **P784097**
 PM: **526 - Chris McCord**
 PB: **7-1-2020 gm**

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	-01
	02
	03
	04
	05
	06
	07
	08
	09
	10

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC=BTEX + Naphthalene + MTBE.**

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking # **1922 0X03 9375**

Sample Receipt Checklist

COC Seal Present/Intact:	<input type="checkbox"/> NP	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
COC Signed/Accurate:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Bottles arrive intact:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Correct bottles used:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Sufficient volume sent:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
If Applicable			
VOA Zero Headspace:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Preservation Correct/Checked:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
RAD Screen <0.5 mR/hr:		<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

Relinquished by: (Signature)
[Signature]

Date: **7/17/20**

Time: **17:50**

Received by: (Signature)
[Signature]

Temp: **14.0°C**

Bottles Received: **3.1 + 1.2 = 3.2 33**

Trip Blank Received: Yes / No
 MCL / MeoH / TBR

Date: **07/08/2020** Time: **8:30**

Condition: **NCF / OK**

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com; tom.wiley@jacobs

Project Description:
 Lewis Drive Surface Water

City/State Collected: **Belton, SC**

Please Circle:
 PT MT CT ET

Phone: **770-604-9182**

Client Project #
KMLDOM2020

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
Alex [Signature]

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 Date Results Needed

Immediately Packed on Ice N Y

Analysis / Container / Preservative	Pres Chk
V8260BTEXMNSC 40mi Amb-HCI	<input checked="" type="checkbox"/>

Chain of Custody Page **2 of 2**



12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



SDG # **L 1237526**

Table #

Acctnum: **KINCH2MGA**
 Template: **T155770**
 Prelogin: **P784097**
 PM: **526 - Chris McCord**
 PB: *7-1-2020*
 Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	<i>- 11</i>
	<i>12</i>

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
<i>MW-60-070720</i>	<i>Grab</i>	<i>GW</i>	<i>13'</i>	<i>7/7/20</i>	<i>16:40</i>	<i>3</i>
<i>TB-02-070720</i>	<i>Grab</i>	<i>GW</i>	<i>0'</i>	<i>7/7/20</i>	<i>17:40</i>	<i>3</i>
		<i>GW</i>				<i>3</i>
		<i>GW</i>				<i>3</i>
		<i>GW</i>				<i>3</i>

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC=BTEX + Naphthalene + MTBE.**

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking # *1922 0803 9375*

Sample Receipt Checklist

COC Seal Present/Intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
<i>If Applicable</i>	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Relinquished by : (Signature)
[Signature]

Date: *7/7/20* Time: *17:50*

Received by : (Signature)

Trip Blank Received: Yes No
 HCL / MeOH
 TBR

Relinquished by : (Signature)

Date: Time:

Received by : (Signature)

Temp: *3.1 + 3.2* Bottles Received:

If preservation required by Login: Date/Time

Relinquished by : (Signature)

Date: Time:

Received for lab by : (Signature)
[Signature]

Date: *07/09/2020* Time: *8:30*

Hold: Condition: **NCF / OK**

July 17, 2020

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1237550
Samples Received: 07/08/2020
Project Number: KMLDOM2020
Description: Lewis Drive Groundwater

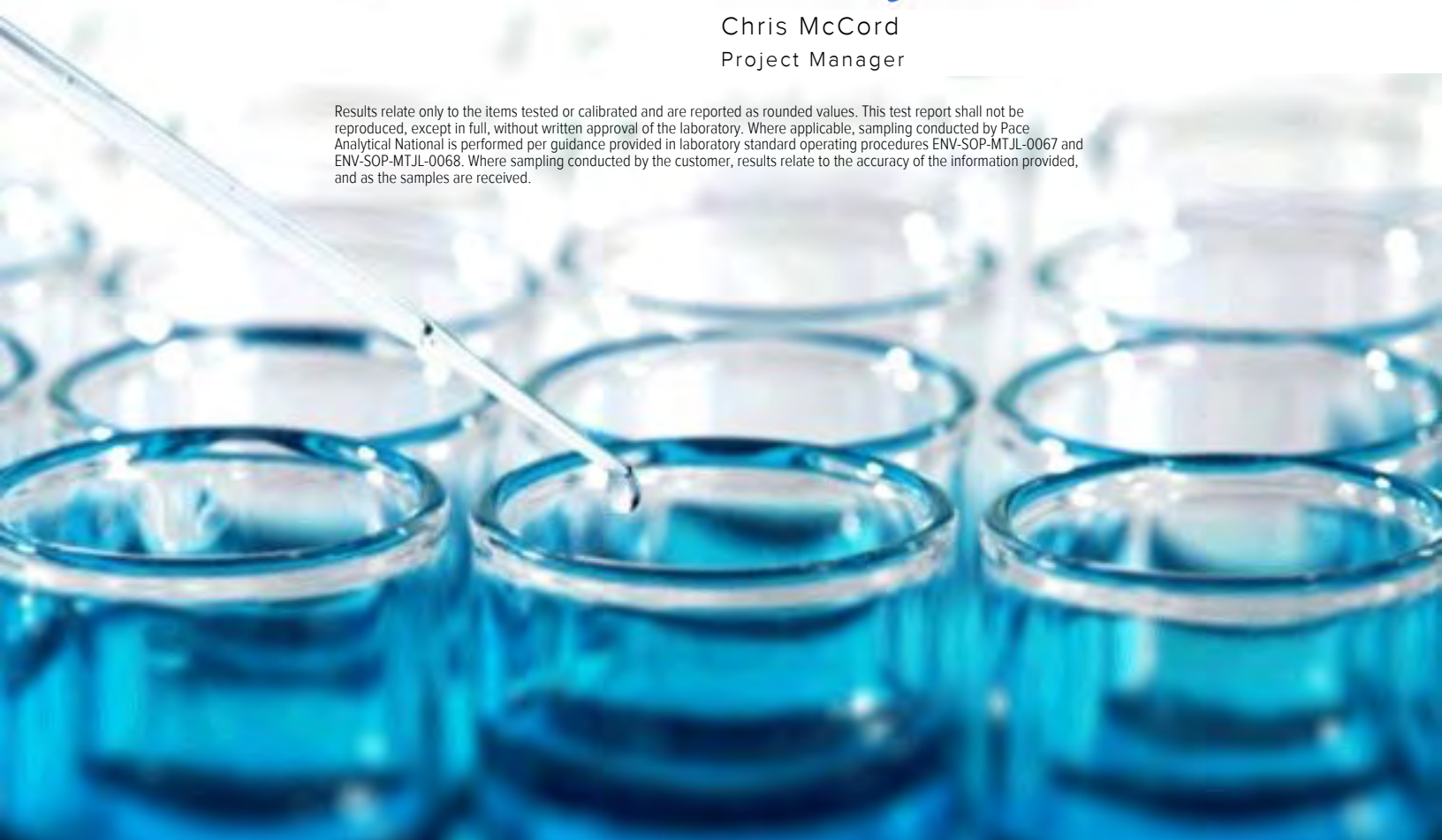
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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MW-55-070720 L1237550-06	11
MW-53-070720 L1237550-07	12
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1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 01:34	WG1506783
Toluene	ND		1.00	1	07/10/2020 01:34	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 01:34	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 01:34	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 01:34	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 01:34	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 01:34	WG1506783
(S) Toluene-d8	105		80.0-120		07/10/2020 01:34	WG1506783
(S) 4-Bromofluorobenzene	105		77.0-126		07/10/2020 01:34	WG1506783
(S) 1,2-Dichloroethane-d4	127		70.0-130		07/10/2020 01:34	WG1506783

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 01:57	WG1506783
Toluene	1.85		1.00	1	07/10/2020 01:57	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 01:57	WG1506783
Total Xylenes	8.84		3.00	1	07/10/2020 01:57	WG1506783
Methyl tert-butyl ether	8.53		1.00	1	07/10/2020 01:57	WG1506783
Naphthalene	29.8		5.00	1	07/10/2020 01:57	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 01:57	WG1506783
(S) Toluene-d8	113		80.0-120		07/10/2020 01:57	WG1506783
(S) 4-Bromofluorobenzene	106		77.0-126		07/10/2020 01:57	WG1506783
(S) 1,2-Dichloroethane-d4	133	<u>J1</u>	70.0-130		07/10/2020 01:57	WG1506783

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2020 23:11	WG1506783
Toluene	ND		1.00	1	07/09/2020 23:11	WG1506783
Ethylbenzene	ND		1.00	1	07/09/2020 23:11	WG1506783
Total Xylenes	ND		3.00	1	07/09/2020 23:11	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/09/2020 23:11	WG1506783
Naphthalene	ND		5.00	1	07/09/2020 23:11	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/09/2020 23:11	WG1506783
(S) Toluene-d8	107		80.0-120		07/09/2020 23:11	WG1506783
(S) 4-Bromofluorobenzene	100		77.0-126		07/09/2020 23:11	WG1506783
(S) 1,2-Dichloroethane-d4	128		70.0-130		07/09/2020 23:11	WG1506783

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2020 23:35	WG1506783
Toluene	ND		1.00	1	07/09/2020 23:35	WG1506783
Ethylbenzene	ND		1.00	1	07/09/2020 23:35	WG1506783
Total Xylenes	ND		3.00	1	07/09/2020 23:35	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/09/2020 23:35	WG1506783
Naphthalene	ND		5.00	1	07/09/2020 23:35	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/09/2020 23:35	WG1506783
(S) Toluene-d8	106		80.0-120		07/09/2020 23:35	WG1506783
(S) 4-Bromofluorobenzene	102		77.0-126		07/09/2020 23:35	WG1506783
(S) 1,2-Dichloroethane-d4	127		70.0-130		07/09/2020 23:35	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 02:21	WG1506783
Toluene	ND		1.00	1	07/10/2020 02:21	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 02:21	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 02:21	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 02:21	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 02:21	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 02:21	WG1506783
(S) Toluene-d8	106		80.0-120		07/10/2020 02:21	WG1506783
(S) 4-Bromofluorobenzene	111		77.0-126		07/10/2020 02:21	WG1506783
(S) 1,2-Dichloroethane-d4	124		70.0-130		07/10/2020 02:21	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 02:45	WG1506783
Toluene	ND		1.00	1	07/10/2020 02:45	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 02:45	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 02:45	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 02:45	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 02:45	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 02:45	WG1506783
(S) Toluene-d8	107		80.0-120		07/10/2020 02:45	WG1506783
(S) 4-Bromofluorobenzene	108		77.0-126		07/10/2020 02:45	WG1506783
(S) 1,2-Dichloroethane-d4	123		70.0-130		07/10/2020 02:45	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 03:09	WG1506783
Toluene	ND		1.00	1	07/10/2020 03:09	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 03:09	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 03:09	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 03:09	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 03:09	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 03:09	WG1506783
(S) Toluene-d8	108		80.0-120		07/10/2020 03:09	WG1506783
(S) 4-Bromofluorobenzene	108		77.0-126		07/10/2020 03:09	WG1506783
(S) 1,2-Dichloroethane-d4	126		70.0-130		07/10/2020 03:09	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 03:33	WG1506783
Toluene	ND		1.00	1	07/10/2020 03:33	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 03:33	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 03:33	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 03:33	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 03:33	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 03:33	WG1506783
(S) Toluene-d8	106		80.0-120		07/10/2020 03:33	WG1506783
(S) 4-Bromofluorobenzene	101		77.0-126		07/10/2020 03:33	WG1506783
(S) 1,2-Dichloroethane-d4	123		70.0-130		07/10/2020 03:33	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 03:56	WG1506783
Toluene	ND		1.00	1	07/10/2020 03:56	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 03:56	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 03:56	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 03:56	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 03:56	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 03:56	WG1506783
(S) Toluene-d8	109		80.0-120		07/10/2020 03:56	WG1506783
(S) 4-Bromofluorobenzene	106		77.0-126		07/10/2020 03:56	WG1506783
(S) 1,2-Dichloroethane-d4	124		70.0-130		07/10/2020 03:56	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 04:20	WG1506783
Toluene	ND		1.00	1	07/10/2020 04:20	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 04:20	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 04:20	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 04:20	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 04:20	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 04:20	WG1506783
(S) Toluene-d8	107		80.0-120		07/10/2020 04:20	WG1506783
(S) 4-Bromofluorobenzene	104		77.0-126		07/10/2020 04:20	WG1506783
(S) 1,2-Dichloroethane-d4	127		70.0-130		07/10/2020 04:20	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 04:44	WG1506783
Toluene	3.55		1.00	1	07/10/2020 04:44	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 04:44	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 04:44	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 04:44	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 04:44	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 04:44	WG1506783
(S) Toluene-d8	109		80.0-120		07/10/2020 04:44	WG1506783
(S) 4-Bromofluorobenzene	109		77.0-126		07/10/2020 04:44	WG1506783
(S) 1,2-Dichloroethane-d4	118		70.0-130		07/10/2020 04:44	WG1506783

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 05:08	WG1506783
Toluene	ND		1.00	1	07/10/2020 05:08	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 05:08	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 05:08	WG1506783
Methyl tert-butyl ether	7.58		1.00	1	07/10/2020 05:08	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 05:08	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 05:08	WG1506783
(S) Toluene-d8	103		80.0-120		07/10/2020 05:08	WG1506783
(S) 4-Bromofluorobenzene	101		77.0-126		07/10/2020 05:08	WG1506783
(S) 1,2-Dichloroethane-d4	131	<u>J1</u>	70.0-130		07/10/2020 05:08	WG1506783

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2.66		1.00	1	07/10/2020 05:32	WG1506783
Toluene	10.5		1.00	1	07/10/2020 05:32	WG1506783
Ethylbenzene	2.42		1.00	1	07/10/2020 05:32	WG1506783
Total Xylenes	19.1		3.00	1	07/10/2020 05:32	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 05:32	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 05:32	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 05:32	WG1506783
(S) Toluene-d8	107		80.0-120		07/10/2020 05:32	WG1506783
(S) 4-Bromofluorobenzene	108		77.0-126		07/10/2020 05:32	WG1506783
(S) 1,2-Dichloroethane-d4	130		70.0-130		07/10/2020 05:32	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/10/2020 05:55	WG1506783
Toluene	ND		1.00	1	07/10/2020 05:55	WG1506783
Ethylbenzene	ND		1.00	1	07/10/2020 05:55	WG1506783
Total Xylenes	ND		3.00	1	07/10/2020 05:55	WG1506783
Methyl tert-butyl ether	ND		1.00	1	07/10/2020 05:55	WG1506783
Naphthalene	ND		5.00	1	07/10/2020 05:55	WG1506783
1,2-Dichloroethane	ND		1.00	1	07/10/2020 05:55	WG1506783
(S) Toluene-d8	107		80.0-120		07/10/2020 05:55	WG1506783
(S) 4-Bromofluorobenzene	102		77.0-126		07/10/2020 05:55	WG1506783
(S) 1,2-Dichloroethane-d4	130		70.0-130		07/10/2020 05:55	WG1506783

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Report to:
Bethany Garvey

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State
Collected: *Bukon, SC*

Please Circle:
PT MT CT ET

Phone: 770-604-9182

Client Project #

KMLDOM2020

Lab Project #

KINCH2MGA-LEWIS

Collected by (print):

Alex Furness

Site/Facility ID #

P.O. #

Collected by (signature):

[Signature]

Rush? (Lab MUST Be Notified)

___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately

Packed on Ice N ___ Y *X*

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

MW-47-070720	<i>Grabs</i>	GW	17'	7/7/20	12:05	3 X
MW-18-070720	<i>↓</i>	GW	17.5'	7/7/20	12:20	3 X
FB-01-070720	<i>↓</i>	GW	0	7/7/20	17:15	3 X
TB-01-070720		GW		7/7/20	17:30	3 X
		GW				3 X

V8260BTEXMNSC 40mlAmb-HCl

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # *L1237550*

J250

Acctnum: KINCH2MGA

Template: T155770

Prelogin: P784097

PM: 526 - Chris McCord

PB: *7-1-2020*

Shipped Via: FedEX Ground

Remarks | Sample # (lab only)

-01
02
03
04

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC=BTEX + Naphthalene + MTBE.

pH ___ Temp ___

Flow ___ Other ___

Samples returned via:
___ UPS ___ FedEx ___ Courier

Tracking # *1922 0803 9380*

Sample Receipt Checklist

COC Seal Present/Intact: ___ NP *Y* ___ N
COC Signed/Accurate: *Y* ___ N
Bottles arrive intact: *Y* ___ N
Correct bottles used: *Y* ___ N
Sufficient volume sent: *Y* ___ N
If Applicable
VOA Zero Headspace: *Y* ___ N
Preservation Correct/Checked: *Y* ___ N
RAD Screen <0.5 mR/hr: *Y* ___ N

Relinquished by: (Signature)

[Signature]

Date:

7/7/20

Time:

17:50

Received by: (Signature)

[Signature]

Trip Blank Received: Yes/No

1
HCl/MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

[Signature]

Temp: *16* °C

Bottles Received: *39*

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

[Signature]

Date: *7/8/20*

Time: *8:45*

Hold:

Condition: NCF / *OK*

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Billing Information:
Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State Collected: **Belton, SC**

Please Circle:
 PT MT CT ET

Phone: **770-604-9182**

Client Project #
KLAM KMLDOM2020

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
Alex Funness

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #

Immediately Packed on Ice N Y

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative
MW-36B-070720	Grab	GW	20'	7/7/20	0850	3	X
MW-55-070720		GW	20'	7/7/20	0935	3	X
MW-53-070720		GW	18'	7/7/20	1010	3	X
MW-54-070720		GW	21'	7/7/20	1020	3	X
MW-32-070720		GW	22'	7/7/20	1035	3	X
MW-04-070720		GW	17'	7/7/20	1050	3	X
MW-06B-070720		GW	80'	7/7/20	1105	3	X
MW-09-070720		GW	16'	7/7/20	1125	3	X
MW-09B-070720		GW	145'	7/7/20	1135	3	X
MW-33T-070720	✓	GW	91'	7/7/20	1150	3	X

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC=BTEX + Naphthalene + MTBE.
 pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 ___ UPS ___ FedEx ___ Courier
 Tracking # **1922 0803 9386**

Sample Receipt Checklist
 COC Seal Present/Intact: NP N
 COC Signed/Accurate: N
 Bottles arrive intact: N
 Correct bottles used: N
 Sufficient volume sent: N
 If Applicable
 VOA Zero Headspace: N
 Preservation Correct/Checked: N
 RAD Screen <0.5 mR/hr: N

Relinquished by: (Signature)
[Signature]

Date: **7/7/20**
 Time: **17150**

Received by: (Signature)
 Trip Blank Received: Yes / No
 HCL / MeOH
 TBR

Relinquished by: (Signature)

Date: _____
 Time: _____

Received by: (Signature)

Temp: **3.6°C**
 Bottles Received: **39**

Relinquished by: (Signature)

Date: _____
 Time: _____

Received for lab by: (Signature)
[Signature]

Date: **7/8/20**
 Time: **8:45**

Hold: _____
 Condition: NCF / OK

Chain of Custody Page 1 of 2

 Pace Analytical
 National Center for Testing & Innovation
 12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859


SDG # **L1237550**
J001
 Acctnum: **KINCH2MGA**
 Template: **T155770**
 Prelogin: **P784097**
 PM: **526 - Chris McCord**
 PB: **7-1-2020**
 Shipped Via: **FedEX Ground**
 Remarks _____ Sample # (lab only) _____

July 20, 2020

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1238063
Samples Received: 07/09/2020
Project Number: KMLDOM20
Description: Lewis Drive Groundwater

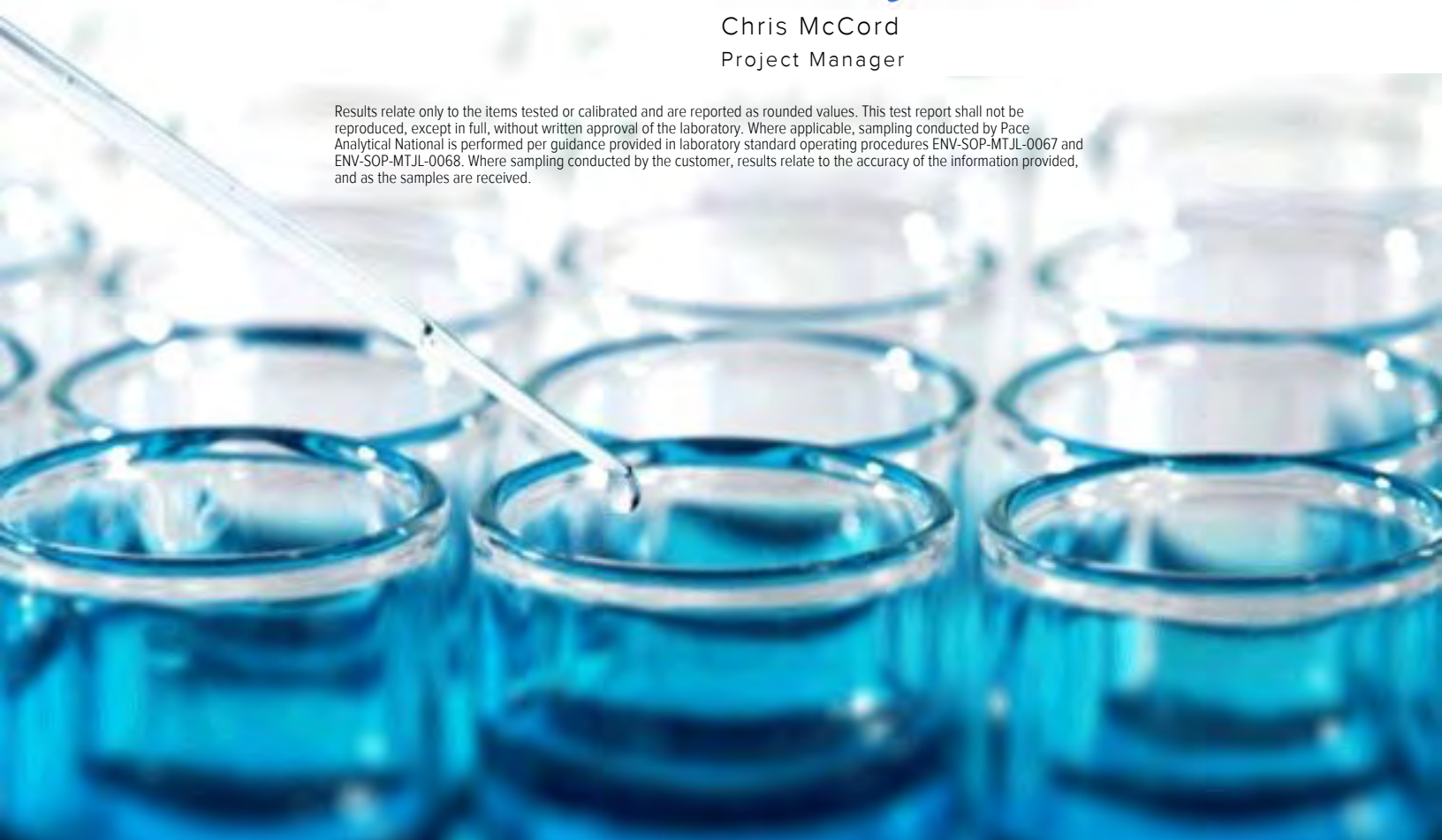
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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MW-42-070820 L1238063-04	9
MW-25-070820 L1238063-05	10
MW-25B-070820 L1238063-06	11
MW-28-070820 L1238063-07	12
MW-35-070820 L1238063-08	13
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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2580		20.0	20	07/11/2020 20:21	WG1507387
Toluene	ND		20.0	20	07/11/2020 20:21	WG1507387
Ethylbenzene	ND		20.0	20	07/11/2020 20:21	WG1507387
Total Xylenes	355		60.0	20	07/11/2020 20:21	WG1507387
Methyl tert-butyl ether	181		20.0	20	07/11/2020 20:21	WG1507387
Naphthalene	ND		100	20	07/11/2020 20:21	WG1507387
1,2-Dichloroethane	ND		20.0	20	07/11/2020 20:21	WG1507387
(S) Toluene-d8	114		80.0-120		07/11/2020 20:21	WG1507387
(S) 4-Bromofluorobenzene	100		77.0-126		07/11/2020 20:21	WG1507387
(S) 1,2-Dichloroethane-d4	111		70.0-130		07/11/2020 20:21	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/15/2020 19:06	WG1509500
Toluene	ND		1.00	1	07/11/2020 16:41	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 16:41	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 16:41	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 16:41	WG1507387
Naphthalene	ND		5.00	1	07/15/2020 19:06	WG1509500
1,2-Dichloroethane	ND		1.00	1	07/11/2020 16:41	WG1507387
(S) Toluene-d8	115		80.0-120		07/11/2020 16:41	WG1507387
(S) Toluene-d8	103		80.0-120		07/15/2020 19:06	WG1509500
(S) 4-Bromofluorobenzene	95.6		77.0-126		07/11/2020 16:41	WG1507387
(S) 4-Bromofluorobenzene	101		77.0-126		07/15/2020 19:06	WG1509500
(S) 1,2-Dichloroethane-d4	111		70.0-130		07/11/2020 16:41	WG1507387
(S) 1,2-Dichloroethane-d4	95.6		70.0-130		07/15/2020 19:06	WG1509500

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 17:01	WG1507387
Toluene	ND		1.00	1	07/11/2020 17:01	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 17:01	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 17:01	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 17:01	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 17:01	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 17:01	WG1507387
(S) Toluene-d8	114		80.0-120		07/11/2020 17:01	WG1507387
(S) 4-Bromofluorobenzene	95.4		77.0-126		07/11/2020 17:01	WG1507387
(S) 1,2-Dichloroethane-d4	114		70.0-130		07/11/2020 17:01	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 17:21	WG1507387
Toluene	ND		1.00	1	07/11/2020 17:21	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 17:21	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 17:21	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 17:21	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 17:21	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 17:21	WG1507387
(S) Toluene-d8	113		80.0-120		07/11/2020 17:21	WG1507387
(S) 4-Bromofluorobenzene	97.9		77.0-126		07/11/2020 17:21	WG1507387
(S) 1,2-Dichloroethane-d4	112		70.0-130		07/11/2020 17:21	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 17:41	WG1507387
Toluene	ND		1.00	1	07/11/2020 17:41	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 17:41	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 17:41	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 17:41	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 17:41	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 17:41	WG1507387
(S) Toluene-d8	110		80.0-120		07/11/2020 17:41	WG1507387
(S) 4-Bromofluorobenzene	95.7		77.0-126		07/11/2020 17:41	WG1507387
(S) 1,2-Dichloroethane-d4	115		70.0-130		07/11/2020 17:41	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.38		1.00	1	07/11/2020 18:01	WG1507387
Toluene	ND		1.00	1	07/11/2020 18:01	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 18:01	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 18:01	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 18:01	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 18:01	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 18:01	WG1507387
(S) Toluene-d8	112		80.0-120		07/11/2020 18:01	WG1507387
(S) 4-Bromofluorobenzene	93.3		77.0-126		07/11/2020 18:01	WG1507387
(S) 1,2-Dichloroethane-d4	116		70.0-130		07/11/2020 18:01	WG1507387

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 18:21	WG1507387
Toluene	ND		1.00	1	07/11/2020 18:21	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 18:21	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 18:21	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 18:21	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 18:21	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 18:21	WG1507387
(S) Toluene-d8	111		80.0-120		07/11/2020 18:21	WG1507387
(S) 4-Bromofluorobenzene	93.6		77.0-126		07/11/2020 18:21	WG1507387
(S) 1,2-Dichloroethane-d4	112		70.0-130		07/11/2020 18:21	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 18:41	WG1507387
Toluene	ND		1.00	1	07/11/2020 18:41	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 18:41	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 18:41	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 18:41	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 18:41	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 18:41	WG1507387
(S) Toluene-d8	113		80.0-120		07/11/2020 18:41	WG1507387
(S) 4-Bromofluorobenzene	95.4		77.0-126		07/11/2020 18:41	WG1507387
(S) 1,2-Dichloroethane-d4	113		70.0-130		07/11/2020 18:41	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	10.7		1.00	1	07/11/2020 19:01	WG1507387
Toluene	ND		1.00	1	07/11/2020 19:01	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 19:01	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 19:01	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 19:01	WG1507387
Naphthalene	6.58		5.00	1	07/11/2020 19:01	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 19:01	WG1507387
(S) Toluene-d8	115		80.0-120		07/11/2020 19:01	WG1507387
(S) 4-Bromofluorobenzene	95.1		77.0-126		07/11/2020 19:01	WG1507387
(S) 1,2-Dichloroethane-d4	108		70.0-130		07/11/2020 19:01	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	4540		250	250	07/11/2020 20:41	WG1507387
Toluene	30300		250	250	07/11/2020 20:41	WG1507387
Ethylbenzene	2210		250	250	07/11/2020 20:41	WG1507387
Total Xylenes	13900		750	250	07/11/2020 20:41	WG1507387
Methyl tert-butyl ether	ND		250	250	07/11/2020 20:41	WG1507387
Naphthalene	ND		1250	250	07/11/2020 20:41	WG1507387
1,2-Dichloroethane	ND		250	250	07/11/2020 20:41	WG1507387
(S) Toluene-d8	109		80.0-120		07/11/2020 20:41	WG1507387
(S) 4-Bromofluorobenzene	99.6		77.0-126		07/11/2020 20:41	WG1507387
(S) 1,2-Dichloroethane-d4	111		70.0-130		07/11/2020 20:41	WG1507387

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	44.8		1.00	1	07/11/2020 19:21	WG1507387
Toluene	ND		1.00	1	07/11/2020 19:21	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 19:21	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 19:21	WG1507387
Methyl tert-butyl ether	68.9		1.00	1	07/11/2020 19:21	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 19:21	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 19:21	WG1507387
(S) Toluene-d8	114		80.0-120		07/11/2020 19:21	WG1507387
(S) 4-Bromofluorobenzene	92.3		77.0-126		07/11/2020 19:21	WG1507387
(S) 1,2-Dichloroethane-d4	111		70.0-130		07/11/2020 19:21	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 19:41	WG1507387
Toluene	ND		1.00	1	07/11/2020 19:41	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 19:41	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 19:41	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 19:41	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 19:41	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 19:41	WG1507387
(S) Toluene-d8	113		80.0-120		07/11/2020 19:41	WG1507387
(S) 4-Bromofluorobenzene	92.0		77.0-126		07/11/2020 19:41	WG1507387
(S) 1,2-Dichloroethane-d4	113		70.0-130		07/11/2020 19:41	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 14:21	WG1507387
Toluene	ND		1.00	1	07/11/2020 14:21	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 14:21	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 14:21	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 14:21	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 14:21	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 14:21	WG1507387
(S) Toluene-d8	113		80.0-120		07/11/2020 14:21	WG1507387
(S) 4-Bromofluorobenzene	94.9		77.0-126		07/11/2020 14:21	WG1507387
(S) 1,2-Dichloroethane-d4	113		70.0-130		07/11/2020 14:21	WG1507387

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/11/2020 14:41	WG1507387
Toluene	ND		1.00	1	07/11/2020 14:41	WG1507387
Ethylbenzene	ND		1.00	1	07/11/2020 14:41	WG1507387
Total Xylenes	ND		3.00	1	07/11/2020 14:41	WG1507387
Methyl tert-butyl ether	ND		1.00	1	07/11/2020 14:41	WG1507387
Naphthalene	ND		5.00	1	07/11/2020 14:41	WG1507387
1,2-Dichloroethane	ND		1.00	1	07/11/2020 14:41	WG1507387
(S) Toluene-d8	112		80.0-120		07/11/2020 14:41	WG1507387
(S) 4-Bromofluorobenzene	96.1		77.0-126		07/11/2020 14:41	WG1507387
(S) 1,2-Dichloroethane-d4	115		70.0-130		07/11/2020 14:41	WG1507387

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

City/State
Collected: **Dulon, SC**

Please Circle:
PT MT CT ET

Phone: **770-604-9182**

Client Project #
KMLD0M20

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
Alex Jones

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Date Results Needed

No. of
Cntrs

Immediately
Packed on Ice N Y **K**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-38B-070820	Grab	GW	21	7/8/20	1355	3
MW-41-070820		GW	8'		1420	3
MW-41-DUP-070820		GW	8'		1425	3
MW-42-070820		GW	8'		1445	3
MW-25-070820		GW	12'		1500	3
MW-25B-070820		GW	55		1510	3
MW-28-070820		GW	22		1535	3
MW-35-070820		GW	22		1610	3
MW-12B-070820		GW	12.95		1635	3
MW-11-070820		GW	24.17		1650	3

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC = BTEX, MTBE, Naphthalene, and 1,2-DCA.

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx Courier

Tracking # **192208039272**

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes / No
 MeOH
 TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp. **16.15** °C
 Bottles Received: **39**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for job by: (Signature)

Date: **7/9/20** Time: **0848**

Hold:

Condition:
NCF OK

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Pres
Chk

Email To:
bethany.garvey@jacobs.com; tom.wiley@jacobs

Analysis / Container / Preservative

SULFATE 125mlHDPE-NoPres	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Bik																		
--------------------------	---------------------------	----------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Chain of Custody Page 1 of 2

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **L1238063**

H108

Acctnum: **KINCH2MGA**
 Template: **T162658**
 Prelogin: **P784098**
 PM: 526 - Chris McCord
 PB: *[Signature]*
 Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

-01
-02
-03
-04
-05
-06
-07
-08
-09
-10

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

Phone: **770-604-9182**

Collected by (print):
Alex Furrer

Collected by (signature):
[Signature]

Immediately Packed on Ice N Y

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

City/State Collected: **Beltan SC**

Please Circle:
PT MT CT ET

Client Project #

KMLDOM20

Lab Project #

KINCH2MGA-LEWIS12

Site/Facility ID #

P.O. #

Rush? (Lab MUST Be Notified)

Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Sulfate	Other	Other	Other	Other	Other	Other	Other	Other	Other	Other	Other	
MW-50B-070820	Grws	GW	17.55	7/8/20	110	3	X												
MW-22-070820	↓	GW	5	↓	1735	3	X												
FB02-070820	↓	GW	0	↓	1800	3	X												
TB-04-070820	↓	GW	0	↓	1800	3	X												
		GW				3													
		GW																	
		GW																	
		GW																	
		GW																	
		GW																	

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: V8260BTEXMNSC = BTEX, MTBE, Naphthalene, and 1,2-DCA.

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact: <u> </u> NP	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Samples returned via:
 UPS FedEx Courier

Tracking # **1922 08639273**

Relinquished by: (Signature)

[Signature]

Date:

7/8/20

Time:

18:00

Received by: (Signature)

Trip Blank Received: Yes No
 MeOH
 TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: **16.5** Bottles Received: **39**

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: **7/9/20** Time: **0845**

Hold:

Condition:
NCF / OK

Analysis / Container / Preservative

Chain of Custody Page 2 of 2



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **L1238063**

Table #

Acctnum: **KINCH2MGA**

Template: **T162658**

Prelogin: **P784098**

PM: **526 - Chris McCord**

PB: **7-1-2020**

Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

-11
-12
-13
-14

July 20, 2020

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1238066
Samples Received: 07/09/2020
Project Number: KMLDOM20
Description: Lewis Drive Groundwater

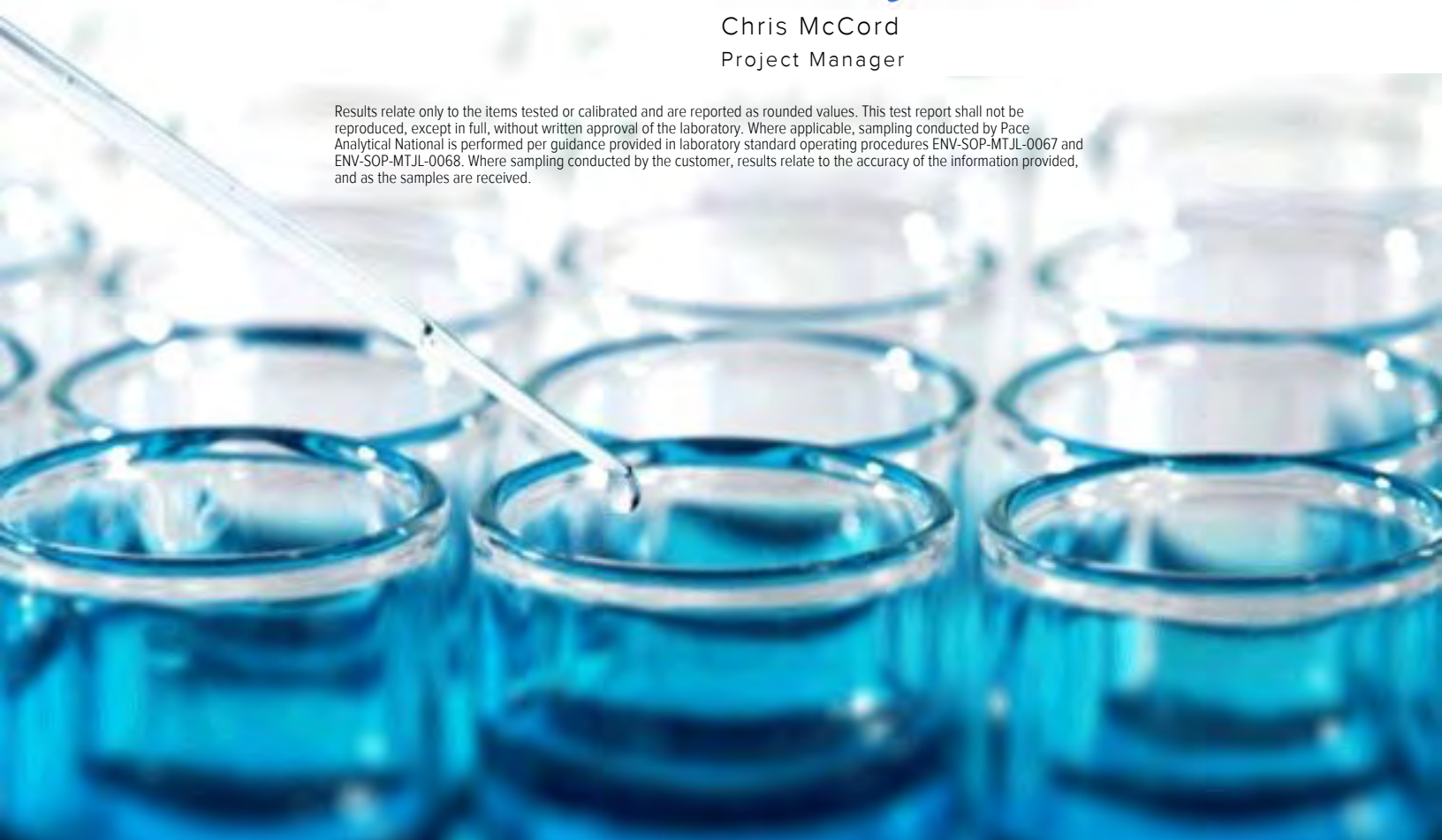
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



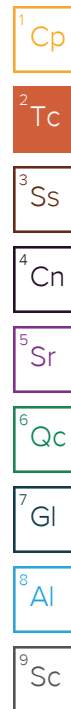
Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	13400		1000	1000	07/17/2020 00:49	WG1510502
Toluene	29600		1000	1000	07/17/2020 00:49	WG1510502
Ethylbenzene	1310		50.0	50	07/12/2020 23:02	WG1507805
Total Xylenes	7750		150	50	07/12/2020 23:02	WG1507805
Methyl tert-butyl ether	ND		50.0	50	07/12/2020 23:02	WG1507805
Naphthalene	ND		250	50	07/12/2020 23:02	WG1507805
1,2-Dichloroethane	ND		50.0	50	07/12/2020 23:02	WG1507805
(S) Toluene-d8	107		80.0-120		07/12/2020 23:02	WG1507805
(S) Toluene-d8	108		80.0-120		07/17/2020 00:49	WG1510502
(S) 4-Bromofluorobenzene	97.9		77.0-126		07/12/2020 23:02	WG1507805
(S) 4-Bromofluorobenzene	110		77.0-126		07/17/2020 00:49	WG1510502
(S) 1,2-Dichloroethane-d4	107		70.0-130		07/12/2020 23:02	WG1507805
(S) 1,2-Dichloroethane-d4	115		70.0-130		07/17/2020 00:49	WG1510502

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 22:02	WG1507805
Toluene	ND		1.00	1	07/12/2020 22:02	WG1507805
Ethylbenzene	ND		1.00	1	07/12/2020 22:02	WG1507805
Total Xylenes	ND		3.00	1	07/12/2020 22:02	WG1507805
Methyl tert-butyl ether	1.03		1.00	1	07/12/2020 22:02	WG1507805
Naphthalene	ND		5.00	1	07/12/2020 22:02	WG1507805
1,2-Dichloroethane	ND		1.00	1	07/12/2020 22:02	WG1507805
(S) Toluene-d8	114		80.0-120		07/12/2020 22:02	WG1507805
(S) 4-Bromofluorobenzene	93.8		77.0-126		07/12/2020 22:02	WG1507805
(S) 1,2-Dichloroethane-d4	110		70.0-130		07/12/2020 22:02	WG1507805

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	14.6		1.00	1	07/12/2020 22:22	WG1507805
Toluene	ND		1.00	1	07/12/2020 22:22	WG1507805
Ethylbenzene	ND		1.00	1	07/12/2020 22:22	WG1507805
Total Xylenes	3.63		3.00	1	07/12/2020 22:22	WG1507805
Methyl tert-butyl ether	12.3		1.00	1	07/12/2020 22:22	WG1507805
Naphthalene	ND		5.00	1	07/12/2020 22:22	WG1507805
1,2-Dichloroethane	ND		1.00	1	07/12/2020 22:22	WG1507805
(S) Toluene-d8	115		80.0-120		07/12/2020 22:22	WG1507805
(S) 4-Bromofluorobenzene	102		77.0-126		07/12/2020 22:22	WG1507805
(S) 1,2-Dichloroethane-d4	112		70.0-130		07/12/2020 22:22	WG1507805

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 22:42	WG1507805
Toluene	ND		1.00	1	07/12/2020 22:42	WG1507805
Ethylbenzene	ND		1.00	1	07/12/2020 22:42	WG1507805
Total Xylenes	ND		3.00	1	07/12/2020 22:42	WG1507805
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 22:42	WG1507805
Naphthalene	ND		5.00	1	07/12/2020 22:42	WG1507805
1,2-Dichloroethane	ND		1.00	1	07/12/2020 22:42	WG1507805
(S) Toluene-d8	114		80.0-120		07/12/2020 22:42	WG1507805
(S) 4-Bromofluorobenzene	92.3		77.0-126		07/12/2020 22:42	WG1507805
(S) 1,2-Dichloroethane-d4	114		70.0-130		07/12/2020 22:42	WG1507805

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 17:11	WG1507871
Toluene	ND		1.00	1	07/12/2020 17:11	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 17:11	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 17:11	WG1507871
Methyl tert-butyl ether	1.76		1.00	1	07/12/2020 17:11	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 17:11	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 17:11	WG1507871
(S) Toluene-d8	107		80.0-120		07/12/2020 17:11	WG1507871
(S) 4-Bromofluorobenzene	104		77.0-126		07/12/2020 17:11	WG1507871
(S) 1,2-Dichloroethane-d4	129		70.0-130		07/12/2020 17:11	WG1507871

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 17:34	WG1507871
Toluene	ND		1.00	1	07/12/2020 17:34	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 17:34	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 17:34	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 17:34	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 17:34	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 17:34	WG1507871
(S) Toluene-d8	107		80.0-120		07/12/2020 17:34	WG1507871
(S) 4-Bromofluorobenzene	98.8		77.0-126		07/12/2020 17:34	WG1507871
(S) 1,2-Dichloroethane-d4	134	<u>J1</u>	70.0-130		07/12/2020 17:34	WG1507871

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 17:58	WG1507871
Toluene	ND		1.00	1	07/12/2020 17:58	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 17:58	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 17:58	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 17:58	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 17:58	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 17:58	WG1507871
(S) Toluene-d8	107		80.0-120		07/12/2020 17:58	WG1507871
(S) 4-Bromofluorobenzene	103		77.0-126		07/12/2020 17:58	WG1507871
(S) 1,2-Dichloroethane-d4	132	<u>J1</u>	70.0-130		07/12/2020 17:58	WG1507871

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 18:22	WG1507871
Toluene	ND		1.00	1	07/12/2020 18:22	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 18:22	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 18:22	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 18:22	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 18:22	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 18:22	WG1507871
(S) Toluene-d8	106		80.0-120		07/12/2020 18:22	WG1507871
(S) 4-Bromofluorobenzene	100		77.0-126		07/12/2020 18:22	WG1507871
(S) 1,2-Dichloroethane-d4	131	<u>J1</u>	70.0-130		07/12/2020 18:22	WG1507871

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 18:46	WG1507871
Toluene	ND		1.00	1	07/12/2020 18:46	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 18:46	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 18:46	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 18:46	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 18:46	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 18:46	WG1507871
(S) Toluene-d8	105		80.0-120		07/12/2020 18:46	WG1507871
(S) 4-Bromofluorobenzene	100		77.0-126		07/12/2020 18:46	WG1507871
(S) 1,2-Dichloroethane-d4	132	J1	70.0-130		07/12/2020 18:46	WG1507871

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	3.38		1.00	1	07/12/2020 19:10	WG1507871
Toluene	ND		1.00	1	07/12/2020 19:10	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 19:10	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 19:10	WG1507871
Methyl tert-butyl ether	87.0		1.00	1	07/12/2020 19:10	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 19:10	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 19:10	WG1507871
(S) Toluene-d8	110		80.0-120		07/12/2020 19:10	WG1507871
(S) 4-Bromofluorobenzene	106		77.0-126		07/12/2020 19:10	WG1507871
(S) 1,2-Dichloroethane-d4	116		70.0-130		07/12/2020 19:10	WG1507871

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 19:33	WG1507871
Toluene	ND		1.00	1	07/12/2020 19:33	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 19:33	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 19:33	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 19:33	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 19:33	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 19:33	WG1507871
(S) Toluene-d8	107		80.0-120		07/12/2020 19:33	WG1507871
(S) 4-Bromofluorobenzene	99.9		77.0-126		07/12/2020 19:33	WG1507871
(S) 1,2-Dichloroethane-d4	132	<u>J1</u>	70.0-130		07/12/2020 19:33	WG1507871

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 19:57	WG1507871
Toluene	2.48		1.00	1	07/12/2020 19:57	WG1507871
Ethylbenzene	1.43		1.00	1	07/12/2020 19:57	WG1507871
Total Xylenes	9.72		3.00	1	07/12/2020 19:57	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 19:57	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 19:57	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 19:57	WG1507871
(S) Toluene-d8	107		80.0-120		07/12/2020 19:57	WG1507871
(S) 4-Bromofluorobenzene	105		77.0-126		07/12/2020 19:57	WG1507871
(S) 1,2-Dichloroethane-d4	127		70.0-130		07/12/2020 19:57	WG1507871

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/12/2020 16:23	WG1507871
Toluene	ND		1.00	1	07/12/2020 16:23	WG1507871
Ethylbenzene	ND		1.00	1	07/12/2020 16:23	WG1507871
Total Xylenes	ND		3.00	1	07/12/2020 16:23	WG1507871
Methyl tert-butyl ether	ND		1.00	1	07/12/2020 16:23	WG1507871
Naphthalene	ND		5.00	1	07/12/2020 16:23	WG1507871
1,2-Dichloroethane	ND		1.00	1	07/12/2020 16:23	WG1507871
(S) Toluene-d8	110		80.0-120		07/12/2020 16:23	WG1507871
(S) 4-Bromofluorobenzene	100		77.0-126		07/12/2020 16:23	WG1507871
(S) 1,2-Dichloroethane-d4	124		70.0-130		07/12/2020 16:23	WG1507871

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Pres
 Chk

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Surface Water

City/State
 Collected: **Bellon, SC**

Please Circle:
 PT MT CT ET

Phone: **770-604-9182**

Client Project #
KAMDIA KMLDOM20

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
Alice Furness

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 Date Results Needed

Immediately
 Packed on Ice N ___ Y

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
-----------	-----------	----------	-------	------	------	--------------

MW-13-070820	Grab	GW	16'	7/8/20	0745	3
MW-14-070820		GW	17		0800	3
MW-14B-070820		GW	73		0810	3
MW-51-070820		GW	20		0830	3
MW-52-070820		GW	25		0840	3
MW-15-070820		GW	16		0925	3
MW-12-070820		GW	17		1015	3
MW-24-070920		GW	11		1030	3
MW-24B-070820		GW	36		1100	3
MW-39-070820	<input checked="" type="checkbox"/>	GW	5'		1115	3

V8260BTEXMNSC 40mlAmb-HCl

Analysis / Container / Preservative									

Chain of Custody Page 1 of 2



12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



SDG # **L1238066**
F163

Acctnum: **KINCH2MGA**
 Template: **T155770**
 Prelogin: **P784097**
 PM: **526 - Chris McCord**
 PB: **7-1-2020**
 Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08
	-09
	-10

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC=BTEX + Naphthalene + MTBE.

pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact:	NP	<input checked="" type="checkbox"/>	N
COC Signed/Accurate:		<input checked="" type="checkbox"/>	N
Bottles arrive intact:		<input checked="" type="checkbox"/>	N
Correct bottles used:		<input checked="" type="checkbox"/>	N
Sufficient volume sent:		<input checked="" type="checkbox"/>	N
If Applicable			
VOA Zero Headspace:		<input checked="" type="checkbox"/>	N
Preservation Correct/Checked:		<input checked="" type="checkbox"/>	N
RAD Screen <0.5 mR/hr:		<input checked="" type="checkbox"/>	N

Samples returned via: ___ UPS ___ FedEx ___ Courier
 Tracking # **1922 0803 9283**

Relinquished by: (Signature)
[Signature]

Date: **7/8/20**

Time: **18:00**

Received by: (Signature)

Trip Blank Received: Yes / No
 HCl / MeOH
 TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp **4.4-14.3** Bottles Received: **36**

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)
[Signature]

Date: **07/09/2020** Time: **8:45**

Hold: Condition: **NCF / OK**

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Surface Water

City/State
Collected: **Beltan, SC**

Please Circle:
PT MT CT ET

Phone: **770-604-9182**

Client Project #
KMLDOM20

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
Alex Evers

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately Packed on Ice N Y

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk
MW-27-070820	Grab	GW	27	7/8/20	1330	3	X
MW-27B-070820	Grab	GW	39	7/8/20	1340	3	X
TB-03-070820	Grab	GW	0	7/4/20	1800	3	X
		GW				3	X
		GW				3	X

V8260BTEXMNSC 40m/Amb-HCl

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **L12J8066**

Table #

Acctnum: **KINCH2MGA**

Template: **T155770**

Prelogin: **P784097**

PM: **526 - Chris McCord**

PB: **7-1-2020 GM**

Shipped Via: **FedEx Ground**

Remarks | Sample # (lab only)

Remarks | Sample # (lab only)
 - 9
 - 72
 - 13

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: **V8260BTEXMNSC=BTEX + Naphthalene + MTBE.**

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	<input type="checkbox"/> NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero HeadSpace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Samples returned via:
 UPS FedEx Courier

Tracking # **1922 0803 9283**

Relinquished by: (Signature)

Date: **7/8/20**

Time: **18:00**

Received by: (Signature)

Trip Blank Received: Yes/No
 HCL/MeOH
 TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp **4.4-4.3**
 Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: **07/09/2020** Time: **8:45**

Hold: Condition: NCF **OK**

July 20, 2020

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1238545
Samples Received: 07/10/2020
Project Number: KMLDOM20
Description: Lewis Drive Groundwater

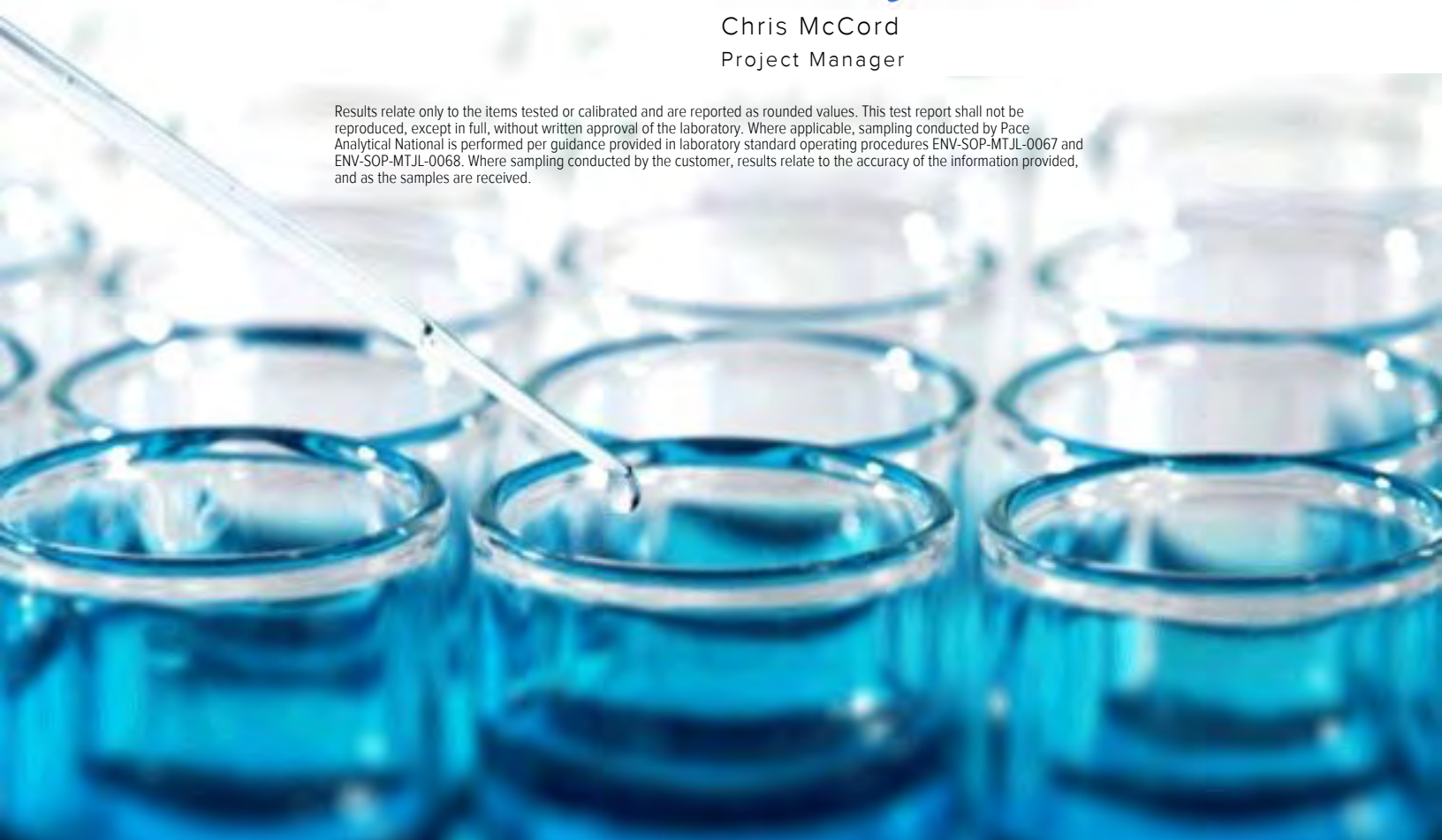
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	8310		250	250	07/13/2020 17:59	WG1508226
Toluene	25900		250	250	07/13/2020 17:59	WG1508226
Ethylbenzene	1770		250	250	07/13/2020 17:59	WG1508226
Total Xylenes	10700		750	250	07/13/2020 17:59	WG1508226
Methyl tert-butyl ether	ND		250	250	07/13/2020 17:59	WG1508226
Naphthalene	ND	<u>J4</u>	1250	250	07/13/2020 17:59	WG1508226
1,2-Dichloroethane	ND		250	250	07/13/2020 17:59	WG1508226
(S) Toluene-d8	104		80.0-120		07/13/2020 17:59	WG1508226
(S) 4-Bromofluorobenzene	96.2		77.0-126		07/13/2020 17:59	WG1508226
(S) 1,2-Dichloroethane-d4	87.8		70.0-130		07/13/2020 17:59	WG1508226

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.24		1.00	1	07/13/2020 16:38	WG1508226
Toluene	ND		1.00	1	07/13/2020 16:38	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 16:38	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 16:38	WG1508226
Methyl tert-butyl ether	17.2		1.00	1	07/13/2020 16:38	WG1508226
Naphthalene	ND	J4	5.00	1	07/13/2020 16:38	WG1508226
1,2-Dichloroethane	ND		1.00	1	07/13/2020 16:38	WG1508226
(S) Toluene-d8	102		80.0-120		07/13/2020 16:38	WG1508226
(S) 4-Bromofluorobenzene	94.6		77.0-126		07/13/2020 16:38	WG1508226
(S) 1,2-Dichloroethane-d4	89.1		70.0-130		07/13/2020 16:38	WG1508226

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	41.4		1.00	1	07/16/2020 05:37	WG1509726
Toluene	103		1.00	1	07/16/2020 05:37	WG1509726
Ethylbenzene	22.1		1.00	1	07/16/2020 05:37	WG1509726
Total Xylenes	431		3.00	1	07/16/2020 05:37	WG1509726
Methyl tert-butyl ether	ND		1.00	1	07/16/2020 05:37	WG1509726
Naphthalene	5.45		5.00	1	07/16/2020 05:37	WG1509726
1,2-Dichloroethane	ND		1.00	1	07/16/2020 05:37	WG1509726
(S) Toluene-d8	109		80.0-120		07/16/2020 05:37	WG1509726
(S) 4-Bromofluorobenzene	109		77.0-126		07/16/2020 05:37	WG1509726
(S) 1,2-Dichloroethane-d4	112		70.0-130		07/16/2020 05:37	WG1509726

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2170		50.0	50	07/13/2020 18:39	WG1508226
Toluene	55.6		50.0	50	07/13/2020 18:39	WG1508226
Ethylbenzene	ND		50.0	50	07/13/2020 18:39	WG1508226
Total Xylenes	ND		150	50	07/13/2020 18:39	WG1508226
Methyl tert-butyl ether	192		50.0	50	07/13/2020 18:39	WG1508226
Naphthalene	ND	J4	250	50	07/13/2020 18:39	WG1508226
1,2-Dichloroethane	ND		50.0	50	07/13/2020 18:39	WG1508226
(S) Toluene-d8	105		80.0-120		07/13/2020 18:39	WG1508226
(S) 4-Bromofluorobenzene	92.6		77.0-126		07/13/2020 18:39	WG1508226
(S) 1,2-Dichloroethane-d4	89.0		70.0-130		07/13/2020 18:39	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 16:58	WG1508226
Toluene	3.71		1.00	1	07/13/2020 16:58	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 16:58	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 16:58	WG1508226
Methyl tert-butyl ether	32.3		1.00	1	07/13/2020 16:58	WG1508226
Naphthalene	ND	J4	5.00	1	07/13/2020 16:58	WG1508226
1,2-Dichloroethane	ND		1.00	1	07/13/2020 16:58	WG1508226
(S) Toluene-d8	102		80.0-120		07/13/2020 16:58	WG1508226
(S) 4-Bromofluorobenzene	91.4		77.0-126		07/13/2020 16:58	WG1508226
(S) 1,2-Dichloroethane-d4	89.4		70.0-130		07/13/2020 16:58	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	3490		20.0	20	07/13/2020 18:59	WG1508226
Toluene	3780		20.0	20	07/13/2020 18:59	WG1508226
Ethylbenzene	239		20.0	20	07/13/2020 18:59	WG1508226
Total Xylenes	2240		60.0	20	07/13/2020 18:59	WG1508226
Methyl tert-butyl ether	56.9		20.0	20	07/13/2020 18:59	WG1508226
Naphthalene	ND	J4	100	20	07/13/2020 18:59	WG1508226
1,2-Dichloroethane	ND		20.0	20	07/13/2020 18:59	WG1508226
(S) Toluene-d8	101		80.0-120		07/13/2020 18:59	WG1508226
(S) 4-Bromofluorobenzene	90.4		77.0-126		07/13/2020 18:59	WG1508226
(S) 1,2-Dichloroethane-d4	85.8		70.0-130		07/13/2020 18:59	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	4690		200	200	07/16/2020 12:25	WG1509735
Toluene	6860		200	200	07/16/2020 12:25	WG1509735
Ethylbenzene	394		20.0	20	07/13/2020 19:19	WG1508226
Total Xylenes	3230		60.0	20	07/13/2020 19:19	WG1508226
Methyl tert-butyl ether	107		20.0	20	07/13/2020 19:19	WG1508226
Naphthalene	ND	J4	100	20	07/13/2020 19:19	WG1508226
1,2-Dichloroethane	ND		20.0	20	07/13/2020 19:19	WG1508226
(S) Toluene-d8	98.3		80.0-120		07/13/2020 19:19	WG1508226
(S) Toluene-d8	110		80.0-120		07/16/2020 12:25	WG1509735
(S) 4-Bromofluorobenzene	88.6		77.0-126		07/13/2020 19:19	WG1508226
(S) 4-Bromofluorobenzene	106		77.0-126		07/16/2020 12:25	WG1509735
(S) 1,2-Dichloroethane-d4	84.4		70.0-130		07/13/2020 19:19	WG1508226
(S) 1,2-Dichloroethane-d4	105		70.0-130		07/16/2020 12:25	WG1509735

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4.87		1.00	1	07/13/2020 17:18	WG1508226
Toluene	3.81		1.00	1	07/13/2020 17:18	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 17:18	WG1508226
Total Xylenes	4.57		3.00	1	07/13/2020 17:18	WG1508226
Methyl tert-butyl ether	1.81		1.00	1	07/13/2020 17:18	WG1508226
Naphthalene	ND	J4	5.00	1	07/13/2020 17:18	WG1508226
1,2-Dichloroethane	ND		1.00	1	07/13/2020 17:18	WG1508226
(S) Toluene-d8	102		80.0-120		07/13/2020 17:18	WG1508226
(S) 4-Bromofluorobenzene	93.1		77.0-126		07/13/2020 17:18	WG1508226
(S) 1,2-Dichloroethane-d4	85.9		70.0-130		07/13/2020 17:18	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4.78		1.00	1	07/13/2020 17:39	WG1508226
Toluene	3.90		1.00	1	07/13/2020 17:39	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 17:39	WG1508226
Total Xylenes	4.82		3.00	1	07/13/2020 17:39	WG1508226
Methyl tert-butyl ether	1.86		1.00	1	07/13/2020 17:39	WG1508226
Naphthalene	ND	J4	5.00	1	07/13/2020 17:39	WG1508226
1,2-Dichloroethane	ND		1.00	1	07/13/2020 17:39	WG1508226
(S) Toluene-d8	104		80.0-120		07/13/2020 17:39	WG1508226
(S) 4-Bromofluorobenzene	93.6		77.0-126		07/13/2020 17:39	WG1508226
(S) 1,2-Dichloroethane-d4	88.7		70.0-130		07/13/2020 17:39	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 13:57	WG1508226
Toluene	ND		1.00	1	07/13/2020 13:57	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 13:57	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 13:57	WG1508226
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 13:57	WG1508226
Naphthalene	ND	J4	5.00	1	07/13/2020 13:57	WG1508226
1,2-Dichloroethane	ND		1.00	1	07/13/2020 13:57	WG1508226
(S) Toluene-d8	97.3		80.0-120		07/13/2020 13:57	WG1508226
(S) 4-Bromofluorobenzene	92.7		77.0-126		07/13/2020 13:57	WG1508226
(S) 1,2-Dichloroethane-d4	89.0		70.0-130		07/13/2020 13:57	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/17/2020 14:48	WG1510885
Toluene	ND		1.00	1	07/17/2020 14:48	WG1510885
Ethylbenzene	ND		1.00	1	07/17/2020 14:48	WG1510885
Total Xylenes	ND		3.00	1	07/17/2020 14:48	WG1510885
Methyl tert-butyl ether	ND		1.00	1	07/17/2020 14:48	WG1510885
Naphthalene	ND		5.00	1	07/17/2020 14:48	WG1510885
1,2-Dichloroethane	ND		1.00	1	07/17/2020 14:48	WG1510885
(S) Toluene-d8	103		80.0-120		07/17/2020 14:48	WG1510885
(S) 4-Bromofluorobenzene	98.3		77.0-126		07/17/2020 14:48	WG1510885
(S) 1,2-Dichloroethane-d4	101		70.0-130		07/17/2020 14:48	WG1510885

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
 Lewis Drive Groundwater

City/State Collected:
 Belton, SC

Please Circle:
 PT MT CT ET

Phone: 770-604-9182

Client Project #
 KMLD0020

Lab Project #
 KINCH2MGA-LEWIS12

Collected by (print):
 Alex Furness

Site/Facility ID #

P.O. #

Collected by (signature):
 [Signature]

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #
 Date Results Needed

Immediately Packed on Ice N ___ Y X

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-20-070920	Grab	GW		7/9/20	1315	3
MW-40-070920	Grab	GW	1.29	7/9/20	1505	3
MW-07-070920	Grab	GW	7.41	7/9/20	1610	3
MW-133-070920	Grab	GW	17.76	7/9/20	1630	3
MW-45-070920	Grab	GW	9.14	7/9/20	1650	3
MW-23-070920	Grab	GW	5.87	7/9/20	1705	3
MW-23-DUP-070920	Grab	GW	5.87	7/9/20	1710	3
MW-36-070920	Grab	GW	13.28	7/9/20	1715	3
MW-36-DUP-070920	Grab	GW	13.28	7/9/20	1730	3
FB-03-070920	Grab	GW	0	7/9/20	1800	3

Analysis / Container / Preservative									
SULFATE 125mIHDPE-NoPres	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Bik							

Chain of Custody Page 1 of 1



12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



SDG # L1238945
F221

Accnum: KINCH2MGA
 Template: T162658
 Prelogin: P784098
 PM: 526 - Chris McCord
 PB: 7-1-2020
 Shipped Via: **FedEX Ground**

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC = BTEX, MTBE, Naphthalene, and 1,2-DCA.

Sample Receipt Checklist

COC Seal Present/Intact:	NP	<input checked="" type="checkbox"/>	N
COC Signed/Accurate:		<input checked="" type="checkbox"/>	N
Bottles arrive intact:		<input checked="" type="checkbox"/>	N
Correct bottles used:		<input checked="" type="checkbox"/>	N
Sufficient volume sent:		<input checked="" type="checkbox"/>	N
If Applicable			
VOA Zero Headspace:		<input checked="" type="checkbox"/>	N
Preservation Correct/Checked:		<input checked="" type="checkbox"/>	N
RAD Screen <0.5 mR/hr:		<input checked="" type="checkbox"/>	N

Samples returned via:
 ___ UPS ___ FedEx ___ Courier

Tracking # 142208039423

Relinquished by: (Signature)
 [Signature]

Date: 7/9/20
 Time: 1800

Received by: (Signature)
 [Signature]

Trip Blank Received: 1 Yes / No
 HCl/ MeOH TBR

Relinquished by: (Signature)

Date: _____ Time: _____

Received by: (Signature)

Temp: 4.3±0.43 Bottles Received: 30

Relinquished by: (Signature)

Date: _____ Time: _____

Received for lab by: (Signature)
 [Signature]

Date: 071020 Time: 0930

If preservation required by Login: Date/Time

Hold: _____ Condition: NCF / OK

July 30, 2020

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1242871
Samples Received: 07/23/2020
Project Number: LEWIS DRIVE KM
Description: Lewis Drive Groundwater

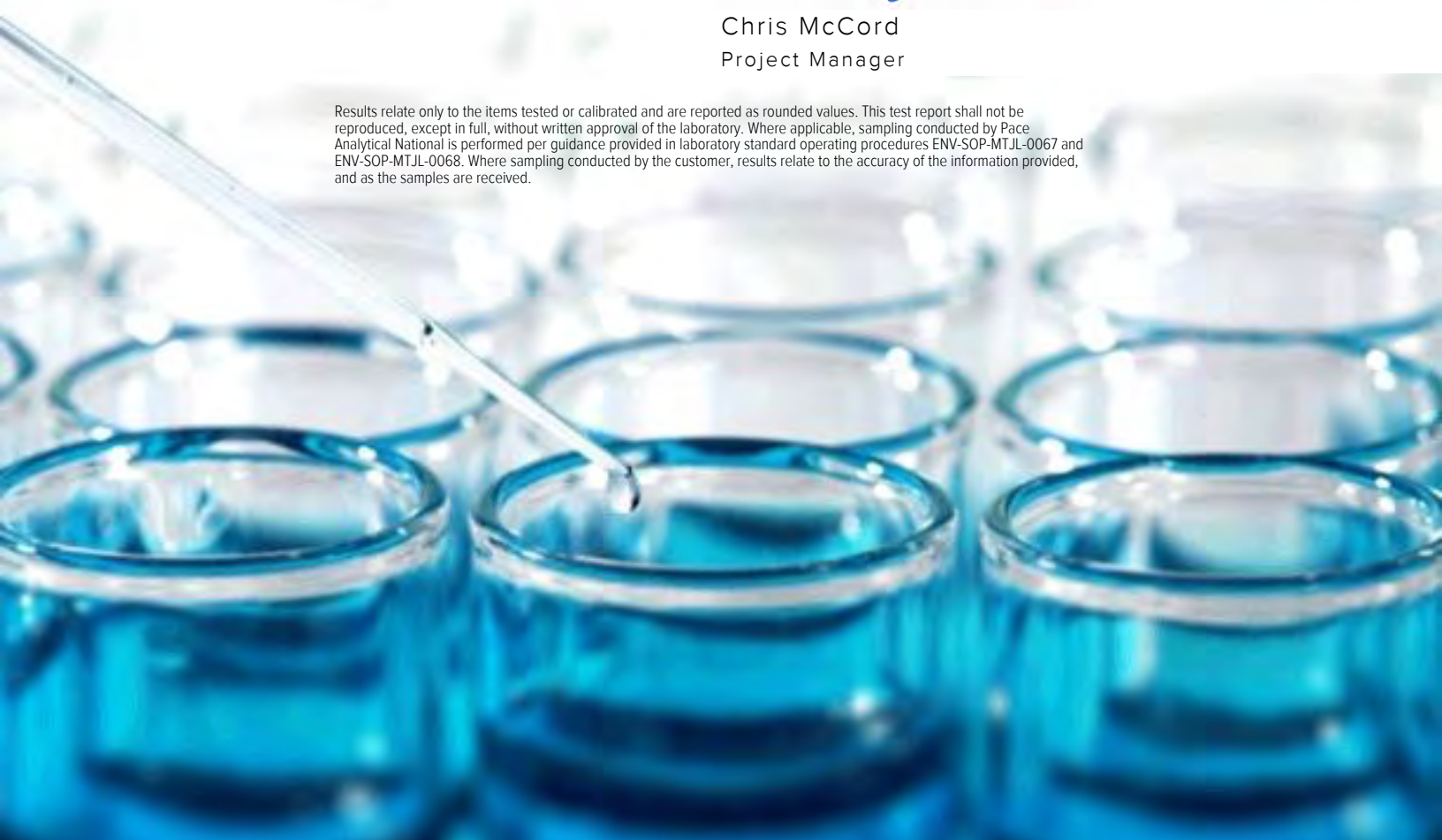
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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Cn: Case Narrative	5
Sr: Sample Results	6
MW-56-072220 L1242871-01	6
MW-37-072220 L1242871-02	7
MW-57-072220 L1242871-03	8
MW-38-072220 L1242871-04	9
MW-17B-072220 L1242871-05	10
MW-15B-072220 L1242871-06	11
MW-15B-D-072220 L1242871-07	12
VBS-01-072220 L1242871-08	13
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Al: Accreditations & Locations	21
Sc: Sample Chain of Custody	22

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	86900	J6	5000	1	07/26/2020 15:07	WG1514576

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/26/2020 05:24	WG1515372
Toluene	ND		1.00	1	07/26/2020 05:24	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 05:24	WG1515372
Total Xylenes	ND		3.00	1	07/26/2020 05:24	WG1515372
Methyl tert-butyl ether	55.3		1.00	1	07/26/2020 05:24	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 05:24	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 05:24	WG1515372
(S) Toluene-d8	98.2		80.0-120		07/26/2020 05:24	WG1515372
(S) 4-Bromofluorobenzene	97.7		77.0-126		07/26/2020 05:24	WG1515372
(S) 1,2-Dichloroethane-d4	84.7		70.0-130		07/26/2020 05:24	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	98600		5000	1	07/26/2020 14:16	WG1514576

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/26/2020 05:44	WG1515372
Toluene	ND		1.00	1	07/26/2020 05:44	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 05:44	WG1515372
Total Xylenes	ND		3.00	1	07/26/2020 05:44	WG1515372
Methyl tert-butyl ether	ND		1.00	1	07/26/2020 05:44	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 05:44	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 05:44	WG1515372
(S) Toluene-d8	93.2		80.0-120		07/26/2020 05:44	WG1515372
(S) 4-Bromofluorobenzene	93.3		77.0-126		07/26/2020 05:44	WG1515372
(S) 1,2-Dichloroethane-d4	83.4		70.0-130		07/26/2020 05:44	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	83100		5000	1	07/26/2020 15:59	WG1514576

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	182		1.00	1	07/26/2020 06:03	WG1515372
Toluene	ND		1.00	1	07/26/2020 06:03	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 06:03	WG1515372
Total Xylenes	17.2		3.00	1	07/26/2020 06:03	WG1515372
Methyl tert-butyl ether	106		1.00	1	07/26/2020 06:03	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 06:03	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 06:03	WG1515372
(S) Toluene-d8	98.6		80.0-120		07/26/2020 06:03	WG1515372
(S) 4-Bromofluorobenzene	101		77.0-126		07/26/2020 06:03	WG1515372
(S) 1,2-Dichloroethane-d4	76.9		70.0-130		07/26/2020 06:03	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	58800		5000	1	07/26/2020 16:15	WG1514576

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	3610		20.0	20	07/26/2020 08:39	WG1515372
Toluene	ND		20.0	20	07/26/2020 08:39	WG1515372
Ethylbenzene	ND		20.0	20	07/26/2020 08:39	WG1515372
Total Xylenes	620		60.0	20	07/26/2020 08:39	WG1515372
Methyl tert-butyl ether	302		20.0	20	07/26/2020 08:39	WG1515372
Naphthalene	ND		100	20	07/26/2020 08:39	WG1515372
1,2-Dichloroethane	ND		20.0	20	07/26/2020 08:39	WG1515372
(S) Toluene-d8	97.7		80.0-120		07/26/2020 08:39	WG1515372
(S) 4-Bromofluorobenzene	99.0		77.0-126		07/26/2020 08:39	WG1515372
(S) 1,2-Dichloroethane-d4	79.5		70.0-130		07/26/2020 08:39	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	8180		250	250	07/26/2020 08:58	WG1515372
Toluene	22800		250	250	07/26/2020 08:58	WG1515372
Ethylbenzene	1750		250	250	07/26/2020 08:58	WG1515372
Total Xylenes	11200		750	250	07/26/2020 08:58	WG1515372
Methyl tert-butyl ether	ND		250	250	07/26/2020 08:58	WG1515372
Naphthalene	ND		1250	250	07/26/2020 08:58	WG1515372
1,2-Dichloroethane	ND		250	250	07/26/2020 08:58	WG1515372
(S) Toluene-d8	99.6		80.0-120		07/26/2020 08:58	WG1515372
(S) 4-Bromofluorobenzene	97.3		77.0-126		07/26/2020 08:58	WG1515372
(S) 1,2-Dichloroethane-d4	78.4		70.0-130		07/26/2020 08:58	WG1515372

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4130		200	200	07/28/2020 02:12	WG1515855
Toluene	1270		20.0	20	07/26/2020 09:18	WG1515372
Ethylbenzene	201		20.0	20	07/26/2020 09:18	WG1515372
Total Xylenes	2090		60.0	20	07/26/2020 09:18	WG1515372
Methyl tert-butyl ether	206		20.0	20	07/26/2020 09:18	WG1515372
Naphthalene	ND		100	20	07/26/2020 09:18	WG1515372
1,2-Dichloroethane	ND		20.0	20	07/26/2020 09:18	WG1515372
(S) Toluene-d8	94.5		80.0-120		07/26/2020 09:18	WG1515372
(S) Toluene-d8	108		80.0-120		07/28/2020 02:12	WG1515855
(S) 4-Bromofluorobenzene	94.6		77.0-126		07/26/2020 09:18	WG1515372
(S) 4-Bromofluorobenzene	100		77.0-126		07/28/2020 02:12	WG1515855
(S) 1,2-Dichloroethane-d4	79.3		70.0-130		07/26/2020 09:18	WG1515372
(S) 1,2-Dichloroethane-d4	87.8		70.0-130		07/28/2020 02:12	WG1515855

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	4840		100	100	07/26/2020 09:37	WG1515372
Toluene	1360		100	100	07/26/2020 09:37	WG1515372
Ethylbenzene	189		100	100	07/26/2020 09:37	WG1515372
Total Xylenes	2100		300	100	07/26/2020 09:37	WG1515372
Methyl tert-butyl ether	184		100	100	07/26/2020 09:37	WG1515372
Naphthalene	ND		500	100	07/26/2020 09:37	WG1515372
1,2-Dichloroethane	ND		100	100	07/26/2020 09:37	WG1515372
(S) Toluene-d8	100		80.0-120		07/26/2020 09:37	WG1515372
(S) 4-Bromofluorobenzene	96.6		77.0-126		07/26/2020 09:37	WG1515372
(S) 1,2-Dichloroethane-d4	78.6		70.0-130		07/26/2020 09:37	WG1515372

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/26/2020 06:42	WG1515372
Toluene	2.18		1.00	1	07/26/2020 06:42	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 06:42	WG1515372
Total Xylenes	ND		3.00	1	07/26/2020 06:42	WG1515372
Methyl tert-butyl ether	ND		1.00	1	07/26/2020 06:42	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 06:42	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 06:42	WG1515372
(S) Toluene-d8	94.9		80.0-120		07/26/2020 06:42	WG1515372
(S) 4-Bromofluorobenzene	92.7		77.0-126		07/26/2020 06:42	WG1515372
(S) 1,2-Dichloroethane-d4	86.9		70.0-130		07/26/2020 06:42	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	8000		5000	1	07/26/2020 16:32	WG1514576

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	55.7		1.00	1	07/26/2020 06:22	WG1515372
Toluene	ND		1.00	1	07/26/2020 06:22	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 06:22	WG1515372
Total Xylenes	6.54		3.00	1	07/26/2020 06:22	WG1515372
Methyl tert-butyl ether	147		1.00	1	07/26/2020 06:22	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 06:22	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 06:22	WG1515372
(S) Toluene-d8	97.2		80.0-120		07/26/2020 06:22	WG1515372
(S) 4-Bromofluorobenzene	100		77.0-126		07/26/2020 06:22	WG1515372
(S) 1,2-Dichloroethane-d4	76.9		70.0-130		07/26/2020 06:22	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/26/2020 04:45	WG1515372
Toluene	ND		1.00	1	07/26/2020 04:45	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 04:45	WG1515372
Total Xylenes	ND		3.00	1	07/26/2020 04:45	WG1515372
Methyl tert-butyl ether	ND		1.00	1	07/26/2020 04:45	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 04:45	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 04:45	WG1515372
(S) Toluene-d8	105		80.0-120		07/26/2020 04:45	WG1515372
(S) 4-Bromofluorobenzene	100		77.0-126		07/26/2020 04:45	WG1515372
(S) 1,2-Dichloroethane-d4	80.2		70.0-130		07/26/2020 04:45	WG1515372

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/26/2020 05:05	WG1515372
Toluene	ND		1.00	1	07/26/2020 05:05	WG1515372
Ethylbenzene	ND		1.00	1	07/26/2020 05:05	WG1515372
Total Xylenes	ND		3.00	1	07/26/2020 05:05	WG1515372
Methyl tert-butyl ether	ND		1.00	1	07/26/2020 05:05	WG1515372
Naphthalene	ND		5.00	1	07/26/2020 05:05	WG1515372
1,2-Dichloroethane	ND		1.00	1	07/26/2020 05:05	WG1515372
(S) Toluene-d8	96.9		80.0-120		07/26/2020 05:05	WG1515372
(S) 4-Bromofluorobenzene	97.4		77.0-126		07/26/2020 05:05	WG1515372
(S) 1,2-Dichloroethane-d4	81.0		70.0-130		07/26/2020 05:05	WG1515372

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Kinder Morgan- Atlanta, GA		Billing Information:		Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005		Pres Chk		Analysis / Container / Preservative		Chain of Custody Page ___ of ___	
Ten 10th Street NW Suite 1400 Atlanta GA 30309		Report to: Bethany Garvey		Email To: bethany.garvey@jacobs.com;tom.wiley@jacobs		Project Description: Lewis Drive Groundwater		City/State Collected: Belton, SC		Please Circle: PT MT CT ET	
Phone: 770-604-9182		Client Project # Lewis Drive KM		Lab Project # KINCH2MGA-LEWIS12		Sulfate 125mIHDPE-NoPres		V8260BTEXMNSC 40mIAmb-HCl		V8260BTEXMNSC-TB 40mIAmb-HCl-Bik	
Collected by (print): Alex Dennis		Site/Facility ID #		P.O. #		Quote #		Rush? (Lab MUST Be Notified)		Date Results Needed	
Collected by (signature):		Same Day <input type="checkbox"/> Five Day <input type="checkbox"/>		Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/>		Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/>		Three Day <input type="checkbox"/>		No. of Cntrs	
Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>		Sample ID		Comp/Grab		Matrix *		Depth		Date	
		Time									
		MW-56-072220		G		GW		7/22/20		1230	
		MW-37-072220		G		GW		7/22/20		1245	
		MW-57-072220		G		GW		7/22/20		1340	
		MW-38-072220		G		GW		7/22/20		1350	
		MW-17B-072220		G		GW		7/22/20		1420	
		MW-15B-072220		G		GW		7/22/20		1450	
		MW-15B-D-072220		G		GW		7/22/20		1480	
		VBS-01-072220		G		GW		7/22/20		1515	
		MW-46-072220		G		GW		7/22/20		1530	
		TB-01-072220				GW		7/22/20		1640	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____		Remarks: V8260BTEXMNSC = BTEX, MTBE, Napthalene, and 1,2-DCA.		pH _____ Temp _____		Flow _____ Other _____		Sample Receipt Checklist			
Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking # 905008897399		Received by: (Signature)		Trip Blank Received: <input checked="" type="checkbox"/> Yes/No HCl/MeOH TBR		COC Seal Present/Intact: <input type="checkbox"/> NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: (Signature)		Date: 7/22/20		Time: 1700		Received by: (Signature)		Temp: 24.0-2.4		Bottles Received: 35	
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:		Time:		Received for Lab by: (Signature)		Date: 07/23/20		Time: 0900	
								Hold:		Condition: NCF 1.0K	



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



SDG # **L1242871**

T: **F216**

Acctnum: **KINCH2MGA**

Template: **T171260**

Prelogin: **P786511**

PM: **526 - Chris McCord**

PB: **LC 7/17**

Shipped Via: **FedEX Ground**

Remarks

Sample # (lab only)

-01

-01

-07

-04

-05

-06

-07

-08

-09

-10

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Billing Information:

Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Pres
Chk

Analysis / Container / Preservative



12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



Report to:
Bethany Garvey

Email To:
bethany.garvey@jacobs.com;tom.wiley@jacobs

Project Description:
Lewis Drive Groundwater

City/State
Collected: **Bethel, SC**

Please Circle:
PT MT CT ET

Phone: **770-604-9182**

Client Project #
Lewis Drive, SC, KM

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
Alex Deary

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]
Immediately Packed on Ice N Y

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
Date Results Needed

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs
FB-01-072220	F	GW		7/22/20	1645	3
		GW				
		GW				

SULFATE 125mIHDPE-NoPres

V8260BTEXMNSC-40mIAmb-HCl

V8260BTEXMNSC-TB 40mIAmb-HCl-Bik

SDG # **L1242871**

Table #

Acctnum: **KINCH2MGA**
Template: **T171260**
Preglin: **P786511**
PM: **526 - Chris McCord**
PB: **LC 7117**

Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: **V8260BTEXMNSC = BTEX, MTBE, Napthalene, and 1,2-DCA.**

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Samples returned via:
 UPS FedEx Courier

Tracking #

Relinquished by: (Signature)
[Signature]

Date: **7/22/20**
Time: **1700**

Received by: (Signature)
[Signature]

Trip Blank Received: Yes / No
 HCl / MeOH
 TBR

Relinquished by: (Signature)

Date: _____
Time: _____

Received by: (Signature)

Temp: **44** °C
2.4 ± 0.2.4 35

If preservation required by LogIn: Date/Time

Relinquished by: (Signature)

Date: _____
Time: _____

Received for lab by: (Signature)
[Signature]

Date: **072320** Time: **0900**

Hold: _____ Condition: **NCF / OK**

Kinder Morgan- Atlanta, GA

Sample Delivery Group: L1238513
Samples Received: 07/10/2020
Project Number: KMLD0M20
Description: Lewis Drive Surface Water

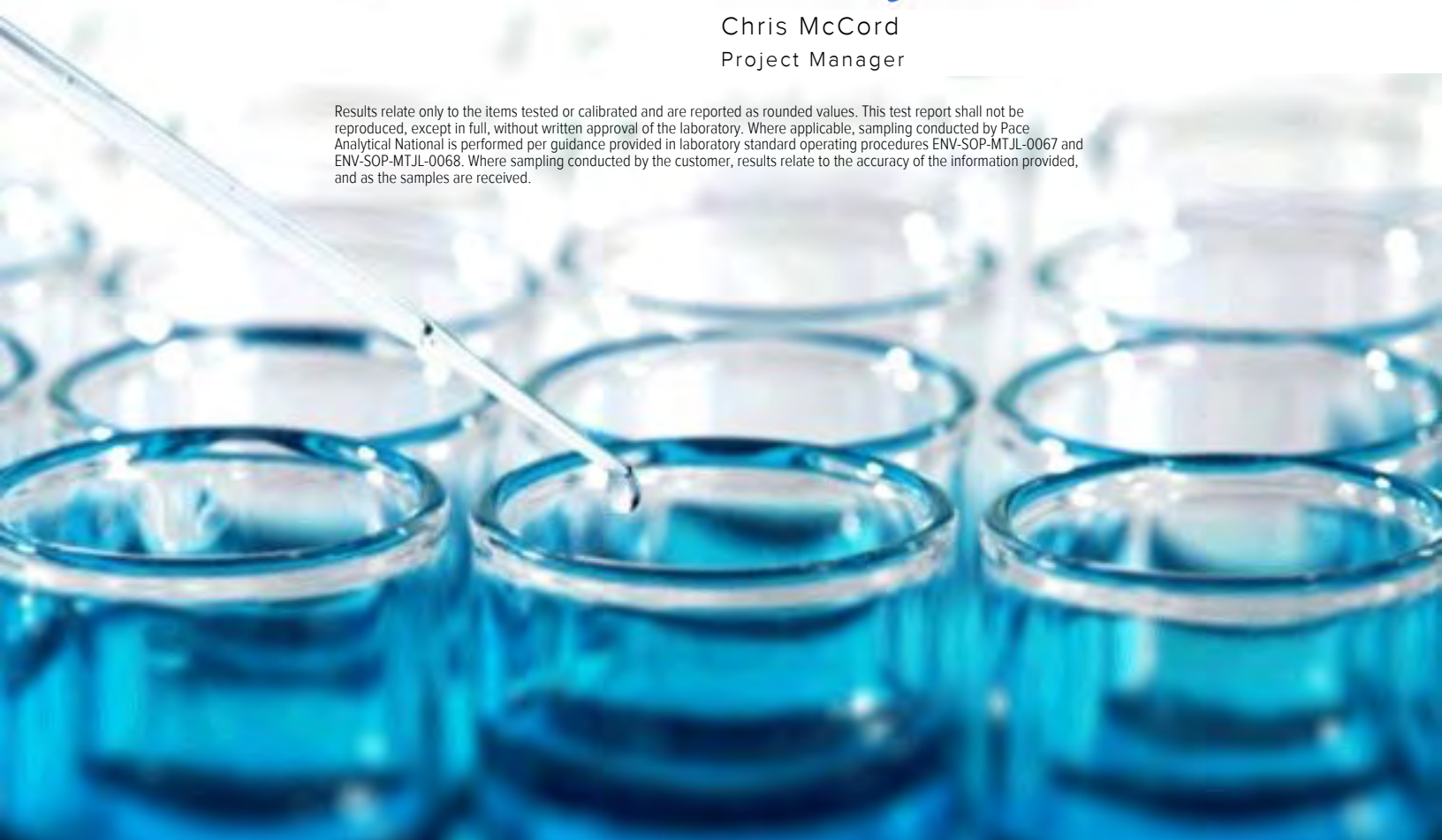
Report To: Bethany Garvey
Ten 10th Street NW
Suite 1400
Atlanta, GA 30309

Entire Report Reviewed By:



Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.





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All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 12:51	WG1508111
Toluene	ND		1.00	1	07/13/2020 12:51	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 12:51	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 12:51	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 12:51	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 12:51	WG1508111
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 12:51	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 12:51	WG1508111
(S) Toluene-d8	112		80.0-120		07/13/2020 12:51	WG1508111
(S) 4-Bromofluorobenzene	111		77.0-126		07/13/2020 12:51	WG1508111
(S) 1,2-Dichloroethane-d4	106		70.0-130		07/13/2020 12:51	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 13:11	WG1508111
Toluene	ND		1.00	1	07/13/2020 13:11	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 13:11	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 13:11	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 13:11	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 13:11	WG1508111
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 13:11	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 13:11	WG1508111
(S) Toluene-d8	108		80.0-120		07/13/2020 13:11	WG1508111
(S) 4-Bromofluorobenzene	105		77.0-126		07/13/2020 13:11	WG1508111
(S) 1,2-Dichloroethane-d4	104		70.0-130		07/13/2020 13:11	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 13:31	WG1508111
Toluene	ND		1.00	1	07/13/2020 13:31	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 13:31	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 13:31	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 13:31	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 13:31	WG1508111
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 13:31	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 13:31	WG1508111
(S) Toluene-d8	110		80.0-120		07/13/2020 13:31	WG1508111
(S) 4-Bromofluorobenzene	110		77.0-126		07/13/2020 13:31	WG1508111
(S) 1,2-Dichloroethane-d4	111		70.0-130		07/13/2020 13:31	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 13:51	WG1508111
Toluene	ND		1.00	1	07/13/2020 13:51	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 13:51	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 13:51	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 13:51	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 13:51	WG1508111
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 13:51	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 13:51	WG1508111
(S) Toluene-d8	109		80.0-120		07/13/2020 13:51	WG1508111
(S) 4-Bromofluorobenzene	107		77.0-126		07/13/2020 13:51	WG1508111
(S) 1,2-Dichloroethane-d4	110		70.0-130		07/13/2020 13:51	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	9800		5000	1	07/14/2020 03:47	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 14:11	WG1508111
Toluene	ND		1.00	1	07/13/2020 14:11	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 14:11	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 14:11	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 14:11	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 14:11	WG1508111
Methyl tert-butyl ether	1.89		1.00	1	07/13/2020 14:11	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 14:11	WG1508111
(S) Toluene-d8	108		80.0-120		07/13/2020 14:11	WG1508111
(S) 4-Bromofluorobenzene	107		77.0-126		07/13/2020 14:11	WG1508111
(S) 1,2-Dichloroethane-d4	106		70.0-130		07/13/2020 14:11	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	ND		5000	1	07/14/2020 04:32	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 14:31	WG1508111
Toluene	ND		1.00	1	07/13/2020 14:31	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 14:31	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 14:31	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 14:31	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 14:31	WG1508111
Methyl tert-butyl ether	1.29		1.00	1	07/13/2020 14:31	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 14:31	WG1508111
(S) Toluene-d8	108		80.0-120		07/13/2020 14:31	WG1508111
(S) 4-Bromofluorobenzene	109		77.0-126		07/13/2020 14:31	WG1508111
(S) 1,2-Dichloroethane-d4	107		70.0-130		07/13/2020 14:31	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	ND		5000	1	07/14/2020 04:47	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 14:51	WG1508111
Toluene	ND		1.00	1	07/13/2020 14:51	WG1508111
Ethylbenzene	ND		1.00	1	07/13/2020 14:51	WG1508111
o-Xylene	ND		1.00	1	07/13/2020 14:51	WG1508111
m&p-Xylene	ND		2.00	1	07/13/2020 14:51	WG1508111
Total Xylenes	ND		3.00	1	07/13/2020 14:51	WG1508111
Methyl tert-butyl ether	1.53		1.00	1	07/13/2020 14:51	WG1508111
Naphthalene	ND		5.00	1	07/13/2020 14:51	WG1508111
(S) Toluene-d8	112		80.0-120		07/13/2020 14:51	WG1508111
(S) 4-Bromofluorobenzene	110		77.0-126		07/13/2020 14:51	WG1508111
(S) 1,2-Dichloroethane-d4	106		70.0-130		07/13/2020 14:51	WG1508111

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	ND		5000	1	07/14/2020 05:02	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/19/2020 03:12	WG1511371
Toluene	ND		1.00	1	07/19/2020 03:12	WG1511371
Ethylbenzene	ND		1.00	1	07/19/2020 03:12	WG1511371
o-Xylene	ND		1.00	1	07/19/2020 03:12	WG1511371
m&p-Xylene	ND		2.00	1	07/19/2020 03:12	WG1511371
Total Xylenes	ND		3.00	1	07/19/2020 03:12	WG1511371
Methyl tert-butyl ether	ND		1.00	1	07/19/2020 03:12	WG1511371
Naphthalene	ND		5.00	1	07/19/2020 03:12	WG1511371
(S) Toluene-d8	95.9		80.0-120		07/19/2020 03:12	WG1511371
(S) 4-Bromofluorobenzene	88.5		77.0-126		07/19/2020 03:12	WG1511371
(S) 1,2-Dichloroethane-d4	107		70.0-130		07/19/2020 03:12	WG1511371

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/19/2020 03:32	WG1511371
Toluene	ND		1.00	1	07/19/2020 03:32	WG1511371
Ethylbenzene	ND		1.00	1	07/19/2020 03:32	WG1511371
o-Xylene	ND		1.00	1	07/19/2020 03:32	WG1511371
m&p-Xylene	ND		2.00	1	07/19/2020 03:32	WG1511371
Total Xylenes	ND		3.00	1	07/19/2020 03:32	WG1511371
Methyl tert-butyl ether	ND		1.00	1	07/19/2020 03:32	WG1511371
Naphthalene	ND		5.00	1	07/19/2020 03:32	WG1511371
(S) Toluene-d8	102		80.0-120		07/19/2020 03:32	WG1511371
(S) 4-Bromofluorobenzene	91.4		77.0-126		07/19/2020 03:32	WG1511371
(S) 1,2-Dichloroethane-d4	109		70.0-130		07/19/2020 03:32	WG1511371

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	ND		5000	1	07/14/2020 05:17	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 15:17	WG1508226
Toluene	ND		1.00	1	07/13/2020 15:17	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 15:17	WG1508226
o-Xylene	ND		1.00	1	07/13/2020 15:17	WG1508226
m&p-Xylene	ND		2.00	1	07/13/2020 15:17	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 15:17	WG1508226
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 15:17	WG1508226
Naphthalene	ND	<u>J4</u>	5.00	1	07/13/2020 15:17	WG1508226
(S) Toluene-d8	103		80.0-120		07/13/2020 15:17	WG1508226
(S) 4-Bromofluorobenzene	95.1		77.0-126		07/13/2020 15:17	WG1508226
(S) 1,2-Dichloroethane-d4	87.1		70.0-130		07/13/2020 15:17	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 15:37	WG1508226
Toluene	ND		1.00	1	07/13/2020 15:37	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 15:37	WG1508226
o-Xylene	ND		1.00	1	07/13/2020 15:37	WG1508226
m&p-Xylene	ND		2.00	1	07/13/2020 15:37	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 15:37	WG1508226
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 15:37	WG1508226
Naphthalene	ND	<u>J4</u>	5.00	1	07/13/2020 15:37	WG1508226
(S) Toluene-d8	103		80.0-120		07/13/2020 15:37	WG1508226
(S) 4-Bromofluorobenzene	93.9		77.0-126		07/13/2020 15:37	WG1508226
(S) 1,2-Dichloroethane-d4	89.9		70.0-130		07/13/2020 15:37	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Sulfate	ND		5000	1	07/14/2020 05:32	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/13/2020 15:57	WG1508226
Toluene	ND		1.00	1	07/13/2020 15:57	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 15:57	WG1508226
o-Xylene	ND		1.00	1	07/13/2020 15:57	WG1508226
m&p-Xylene	ND		2.00	1	07/13/2020 15:57	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 15:57	WG1508226
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 15:57	WG1508226
Naphthalene	ND	<u>J4</u>	5.00	1	07/13/2020 15:57	WG1508226
(S) Toluene-d8	102		80.0-120		07/13/2020 15:57	WG1508226
(S) 4-Bromofluorobenzene	92.3		77.0-126		07/13/2020 15:57	WG1508226
(S) 1,2-Dichloroethane-d4	84.4		70.0-130		07/13/2020 15:57	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Sulfate	13500		5000	1	07/14/2020 05:47	WG1507968

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/13/2020 16:18	WG1508226
Toluene	ND		1.00	1	07/13/2020 16:18	WG1508226
Ethylbenzene	ND		1.00	1	07/13/2020 16:18	WG1508226
o-Xylene	ND		1.00	1	07/13/2020 16:18	WG1508226
m&p-Xylene	ND		2.00	1	07/13/2020 16:18	WG1508226
Total Xylenes	ND		3.00	1	07/13/2020 16:18	WG1508226
Methyl tert-butyl ether	ND		1.00	1	07/13/2020 16:18	WG1508226
Naphthalene	ND	<u>J4</u>	5.00	1	07/13/2020 16:18	WG1508226
(S) Toluene-d8	102		80.0-120		07/13/2020 16:18	WG1508226
(S) 4-Bromofluorobenzene	91.1		77.0-126		07/13/2020 16:18	WG1508226
(S) 1,2-Dichloroethane-d4	90.3		70.0-130		07/13/2020 16:18	WG1508226

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Kinder Morgan- Atlanta, GA

Ten 10th Street NW
Suite 1400
Atlanta GA 30309

Report to:
Bethany Garvey

Project Description:
Lewis Drive Groundwater

City/State
Collected: **Bilton, SC**

Please Circle:
PT MT CT ET

Phone: **770-604-9182**

Client Project #
KMLD00H20

Lab Project #
KINCH2MGA-LEWIS12

Collected by (print):
Alex Finess

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Date Results Needed

Immediately
Packed on Ice N Y

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Sulfate	40m/Amb-HCl	40m/Amb-HCl-Bik	Analysis / Container / Preservative	Chain of Custody
SW-11-070920	Gras	GW SW	0	7/9/20	0850	3	X				
SW-10-070920		GW SW	0		0900	3	X				
SW-09-070920		GW SW	0		0915	3	X				
SW-08-070920		GW SW	0		0925	3	X				
SW-13-070920		GW SW	0		0940	4	X	X			
SW-04-070920		GW SW	0		1050	4	X	X			
SW-02-070920		GW SW	0		1120	4	X	X			
SW-01-070920		GW SW	0		1150	4	X	X			
SW-07-070920		GW SW	0		1200	3	X				
SW-12-070920		GW SW	0		1345	4	X	X			

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC = BTEX, MTBE, Naphthalene, and 1,2-DCA.

surface water

pH _____ Temp _____
Flow _____ Other _____

Samples returned by: _____ Tracking # **1922 0803 9434**

Sample Receipt Checklist	
COC Seal Present/Intact:	NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headspace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
RAD Screen <0.5 mR/hr:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Relinquished by: (Signature) <i>[Signature]</i>	Date: 7/9/20	Time: 1400	Received by: (Signature) <i>[Signature]</i>	Trip Blank Received: <input checked="" type="checkbox"/> HCL/MeOH <input type="checkbox"/> TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 9.8 ± 0.48 Bottles Received: 354
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 7/10/20 Time: 8:30 Hold: Condition: NCF / OK

Analysis / Container / Preservative

Pres Chk

Chain of Custody Page 1 of 2

Pace Analytical
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

QR Code

SDG # **L1238513**

J067

Acctnum: **KINCH2MGA**
Template: **T162658**
Prelogin: **P784098**
PM: **526 - Chris McCord**
PB: **7-1-20206m**


Shipped Via: **FedEX Ground**

Remarks Sample # (lab only)

Kinder Morgan- Atlanta, GA
 Ten 10th Street NW
 Suite 1400
 Atlanta GA 30309

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005

Analysis / Container / Preservative	
Pres	Chk
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Chain of Custody Page 2 of 2

 National Center for Testing & Innovation

Report to:
Bethany Garvey

Email To:
 bethany.garvey@jacobs.com; tom.wiley@jacobs

Project Description:
 Lewis Drive Groundwater

City/State Collected:
 Belton, SC

Please Circle:
 PT MT CT ET

Phone: 770-604-9182


Client Project #
 KMLDOM20

Lab Project #
 KINCH2MGA-LEWIS12

Collected by (print):
 Alex Enness

Site/Facility ID #

P.O. #

Collected by (signature):


Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #

Immediately Packed on Ice N Y

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Sulfate	40mIAmb-HCl	40mIAmb-HCl-Bik
SW-03-070920	Grab	GW SW	0	7/9/20	1400	3		X	
SW-05-070920	↓	GW SW	0	↓	1415	4	X	X	
SW-14-070920	↓	GW SW	0	↓	1535	4	X	X	
		GW							
		GW							
		GW							
		GW							
		GW							
		GW							

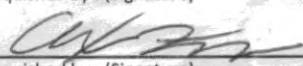
12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859


SDG # L1288513
J068
 Acctnum: KINCH2MGA
 Template: T162658
 Prelogin: P784098
 PM: 526 - Chris McCord
 PB: 7-1-2020
 Shipped Via: FedEX Ground

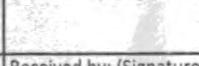
* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC = BTEX, MTBE, Naphthalene, and 1,2-DCA.
 Surface water
 Samples returned via:
 ___ UPS ___ FedEx ___ Courier
 Tracking # 1922 0803 9434

Sample Receipt Checklist
 COC Seal Present/Intact: NP N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature)


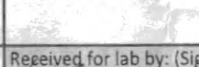
Date: 7/9/20
 Time: 1400

Received by: (Signature)


Trip Blank Received: Yes/No
 HCL/MeOH
 TBR

Relinquished by: (Signature)

Date:
 Time:
 Temp: 4.8 ± 0.1 °C

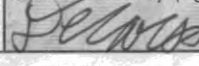
Received by: (Signature)


Bottles Received: 1146
 Date: 7/10/20
 Time: 8:30

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:
 Time:
 Condition: NCF / OK

Received for lab by: (Signature)


Date: 7/10/20
 Time: 8:30

Hold:
 Condition: NCF / OK

ANALYTICAL REPORT

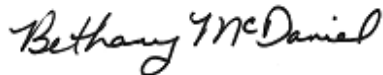
Eurofins TestAmerica, Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-186175-1
Client Project/Site: KM Lewis Drive Surface Water

For:

Jacobs Engineering Group, Inc.
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, Georgia 30328

Attn: Bethany Garvey



Authorized for release by:
7/20/2020 9:50:40 AM

Bethany McDaniel, Senior Project Manager
(713)358-2005
Bethany.McDaniel@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: KM Lewis Drive Surface Water

Job ID: 680-186175-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
680-186175-1	SW-08-070920	Water	07/09/20 09:25	07/10/20 09:50	
680-186175-2	SW-02-070920	Water	07/09/20 11:20	07/10/20 09:50	
680-186175-3	SW-12-070920	Water	07/09/20 13:45	07/10/20 09:50	
680-186175-4	TRIP BLANK	Water	07/09/20 00:00	07/10/20 09:50	

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Case Narrative

Client: Jacobs Engineering Group, Inc.
Project/Site: KM Lewis Drive Surface Water

Job ID: 680-186175-1

Job ID: 680-186175-1

Laboratory: Eurofins TestAmerica, Savannah

Narrative

**Job Narrative
680-186175-1**

Comments

No additional comments.

Receipt

The samples were received on 7/10/2020 9:50 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.9° C.

GC/MS VOA

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-626489.

Method 8260D: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-626700.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Client Sample Results

Client: Jacobs Engineering Group, Inc.
Project/Site: KM Lewis Drive Surface Water

Job ID: 680-186175-1

Client Sample ID: SW-08-070920

Lab Sample ID: 680-186175-1

Date Collected: 07/09/20 09:25

Matrix: Water

Date Received: 07/10/20 09:50

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.43	ug/L			07/17/20 15:56	1
Ethylbenzene	<1.0		1.0	0.33	ug/L			07/17/20 15:56	1
Methyl tert-butyl ether	0.49	J	10	0.30	ug/L			07/17/20 15:56	1
Naphthalene	<5.0		5.0	2.5	ug/L			07/17/20 15:56	1
Toluene	<1.0		1.0	0.48	ug/L			07/17/20 15:56	1
Xylenes, Total	<1.0		1.0	0.23	ug/L			07/17/20 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/17/20 15:56	1
1,2-Dichloroethane-d4 (Surr)	94		73 - 131		07/17/20 15:56	1
Dibromofluoromethane (Surr)	106		80 - 122		07/17/20 15:56	1
4-Bromofluorobenzene (Surr)	91		80 - 120		07/17/20 15:56	1

Client Sample ID: SW-02-070920

Lab Sample ID: 680-186175-2

Date Collected: 07/09/20 11:20

Matrix: Water

Date Received: 07/10/20 09:50

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.43	ug/L			07/17/20 16:21	1
Ethylbenzene	<1.0		1.0	0.33	ug/L			07/17/20 16:21	1
Methyl tert-butyl ether	0.87	J	10	0.30	ug/L			07/17/20 16:21	1
Naphthalene	<5.0		5.0	2.5	ug/L			07/17/20 16:21	1
Toluene	<1.0		1.0	0.48	ug/L			07/17/20 16:21	1
Xylenes, Total	<1.0		1.0	0.23	ug/L			07/17/20 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		07/17/20 16:21	1
1,2-Dichloroethane-d4 (Surr)	97		73 - 131		07/17/20 16:21	1
Dibromofluoromethane (Surr)	107		80 - 122		07/17/20 16:21	1
4-Bromofluorobenzene (Surr)	90		80 - 120		07/17/20 16:21	1

Client Sample ID: SW-12-070920

Lab Sample ID: 680-186175-3

Date Collected: 07/09/20 13:45

Matrix: Water

Date Received: 07/10/20 09:50

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.43	ug/L			07/16/20 14:44	1
Ethylbenzene	<1.0		1.0	0.33	ug/L			07/16/20 14:44	1
Methyl tert-butyl ether	<10		10	0.30	ug/L			07/16/20 14:44	1
Naphthalene	<5.0		5.0	2.5	ug/L			07/16/20 14:44	1
Toluene	<1.0		1.0	0.48	ug/L			07/16/20 14:44	1
Xylenes, Total	<1.0		1.0	0.23	ug/L			07/16/20 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		07/16/20 14:44	1
1,2-Dichloroethane-d4 (Surr)	94		73 - 131		07/16/20 14:44	1
Dibromofluoromethane (Surr)	107		80 - 122		07/16/20 14:44	1
4-Bromofluorobenzene (Surr)	92		80 - 120		07/16/20 14:44	1

Eurofins TestAmerica, Savannah

Client Sample Results

Client: Jacobs Engineering Group, Inc.
 Project/Site: KM Lewis Drive Surface Water

Job ID: 680-186175-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-186175-4

Date Collected: 07/09/20 00:00

Matrix: Water

Date Received: 07/10/20 09:50

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0	0.43	ug/L			07/16/20 14:20	1
Ethylbenzene	<1.0		1.0	0.33	ug/L			07/16/20 14:20	1
Methyl tert-butyl ether	<10		10	0.30	ug/L			07/16/20 14:20	1
Naphthalene	<5.0		5.0	2.5	ug/L			07/16/20 14:20	1
Toluene	<1.0		1.0	0.48	ug/L			07/16/20 14:20	1
Xylenes, Total	<1.0		1.0	0.23	ug/L			07/16/20 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120		07/16/20 14:20	1
1,2-Dichloroethane-d4 (Surr)	94		73 - 131		07/16/20 14:20	1
Dibromofluoromethane (Surr)	106		80 - 122		07/16/20 14:20	1
4-Bromofluorobenzene (Surr)	91		80 - 120		07/16/20 14:20	1

Chain of Custody Record



Client Information Client Contact: <u>Bethany Garvey</u> Company: <u>Jacobs Engineering Group, Inc.</u>		Sampler: <u>Alex Furness</u> Lat. PM: <u>McDaniel, Bethany A</u> E-Mail: <u>bethany.mcdaniel@testamericainc.com</u>		COC No: <u>400-95144-34485.1</u> Page: <u>Page 1 of 1</u> Job #:	
Address: <u>6600 Peachtree Dunwoody Road 400 Embassy Row - Suite 600</u> City: <u>Atlanta</u> State, Zip: <u>GA, 30328</u> Phone: <u>678-530-4124(Tel)</u> Email: <u>bethany.garvey@jacobs.com</u> Project Name: <u>KM Lewis Drive Surface Water</u> Site:		Due Date Requested: TAT Requested (days): PO #: <u>KMST CT#31699804.18 GW</u> WO #: <u>D3161400</u> Project #: <u>40009725</u> SSOW#:		Carrier Tracking No(s): Analysis Requested:	
Sample Identification <u>SW-08-070920</u> <u>SW-02-070920</u> <u>SW-12-070920</u>		Sample Date: <u>7/19/20</u> Sample Time: <u>0925</u> <u>1120</u> <u>1345</u>		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> A Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> A Total Number of Containers: <u>3</u> Special Instructions/Note: 	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NH4SO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Deliverable Requested I, II, III, IV, Other (specify) _____ Empty Kit Relinquished by: _____ Relinquished by: <u>AKJ</u> Relinquished by: _____ Relinquished by: _____ Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____		Special Instructions/OC Requirements: Method of Shipment: _____ Received by: <u>[Signature]</u> Received by: _____ Received by: _____ Cooler Temperature(s) °C and Other Remarks: <u>1.5/1.9</u>		Date: _____ Date/Time: <u>7/19/20 1800</u> Date/Time: _____ Date/Time: _____ Company: _____ Company: _____ Company: _____	

