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August 18, 2017

*Delivered via FedEx Overnight Delivery*

Ms. Bobbi Coleman  
South Carolina Department of Health and Environmental Control (SCDHEC)  
Assessment Section, UST Management Division  
Bureau of Land and Waste Management  
2600 Bull Street  
Columbia, SC 29201

Subject: **Lewis Drive –June 2017 Monthly Status Update**  
Plantation Pipe Line Company  
Belton, South Carolina  
Site ID #18693, "Kinder Morgan Belton Pipeline Release"

Dear Ms. Coleman,

On behalf of Plantation Pipe Line Company, CH2M HILL Engineers, Inc. (CH2M) is submitting the attached Monthly Status Update covering activities in June 2017 at the Lewis Drive site. If you have any questions or concerns, please call me at 678-530-4457, Mr. William Waldron/CH2M at 919-760-1777, or Mr. Jerry Aycock/Plantation at 770-751-4165.

Regards,  
CH2M HILL Engineers, Inc.

Scott F. Powell, PE  
Assistant Project Manager

**Attachments:**

- Monthly Status Update including:
  - Figure 1 – Groundwater and Surface Water Elevation Map
  - Figure 2 – Product Thickness Map
  - Table 1 – Field Observations
  - Table 2 – Stream Gauge Construction Information
  - Table 3 – Analytical Results for Surface Water
  - Table 4 – Well Construction Information
  - Table 5 – Groundwater Elevation and Product Thickness Data
  - Table 6 – Analytical Results for Groundwater

**Monthly Status Update**  
**Plantation Pipe Line Company**  
**Lewis Drive Remediation**  
**Site ID #18693 “Kinder Morgan Belton Pipeline Release”**  
**June 2017**

**Surface Water**

- Routinely inspected Brown’s Creek and the wetland area south of West Calhoun Rd. and adjacent to Cupboard Creek for hydrocarbon sheen, odor, or distressed vegetation. No new signs of distressed vegetation, hydrocarbon sheen, or odor have been noted at Brown’s Creek or the wetland area south of West Calhoun Rd. Occasional sheens were noted in the trench adjacent to Brown’s Creek near RT-2B, RT-2C, and RT-2K. The locations of two previously identified seeps are presented on Figures 1 and 2. The route of inspection is indicated on Figure 1. A summary of the field observations is provided in Table 1.
- Stream elevations from staff gauges are presented in Table 2 and are depicted along with groundwater elevations on Figure 1.
- To date, 37 rounds of surface water samples have been analyzed for benzene, toluene, ethylbenzene, xylenes, and naphthalene (see Table 3).
- During this reporting period, surface water samples were collected on June 13, 2017. Fourteen surface water samples were collected at locations SW-01, SW-02, SW-03, SW-04, SW-07, SW-08, SW-09, SW-10, SW-11, SW-12, SW-13, FP-01, FP-02, and FP-03 (locations SW-05 and SW-06 in Cupboard Creek were dry).
  - The following constituents were detected above their respective surface water standards during the most recent sampling event on June 13, 2017:
    - 102 µg/L benzene at SW-12
  - Apart from these locations, no dissolved hydrocarbons were detected above their respective surface water standards in the remaining surface water samples. Analytical lab reports are attached.
  - SW-12 is located just downgradient of a seep on the hillside above Brown’s Creek. The seep location is shown on Figures 1 and 2.

**Product Recovery**

- Gauged depth to product and depth to water in recovery sumps, trenches, and wells (recovery features), piezometers, monitoring wells, and stream gauges on a routine basis. A site-wide gauging event was performed on June 4-5, 2017. Only 6 locations displayed measurable product thicknesses of 0.5 foot or greater. The greatest product thickness measured in a recovery feature was 0.93 feet at RW-04, and the greatest product thickness measured in a non-recovery features was 1.40 feet, at MW-18. All wells showing greater than 0.5 feet of product are away from surface water bodies at the site. Recovery features, monitoring wells, and piezometers construction information is presented in Table 4. Groundwater elevation and product thickness data for June 2017, are presented in Table 5. Groundwater elevation for June 2017, are presented on Figure 1. Product thicknesses for June 2017, are presented on Figure 2.
- Approximately 573 gallons of product were collected in June 2017 during twice weekly product evacuation events. See Table 5 for the specific dates and times certain wells and sumps were used for product recovery.
- Through the end of June 2017 approximately 222,732 gallons (5,303 barrels) of product have been collected.

**Groundwater**

- Operated and recorded data from 6 continuous water level data loggers (In Situ Rugged Troll 100) in MW-02, MW-08, MW-12, MW-15, MW-20, and MW-25 and 2 barometric pressure loggers in MW-01 and MW-10 during the quarter.
- Collected monthly groundwater samples in accordance with the Corrective Action Plan and Addendum. Analytical lab reports are attached and results are summarized in Table 6.

**Remedial System Operation**

- Continued biosparging in the Brown’s Creek Protection Zone, Cupboard Creek Protection Zone, and the horizontal wells in the Hayfield Zone.

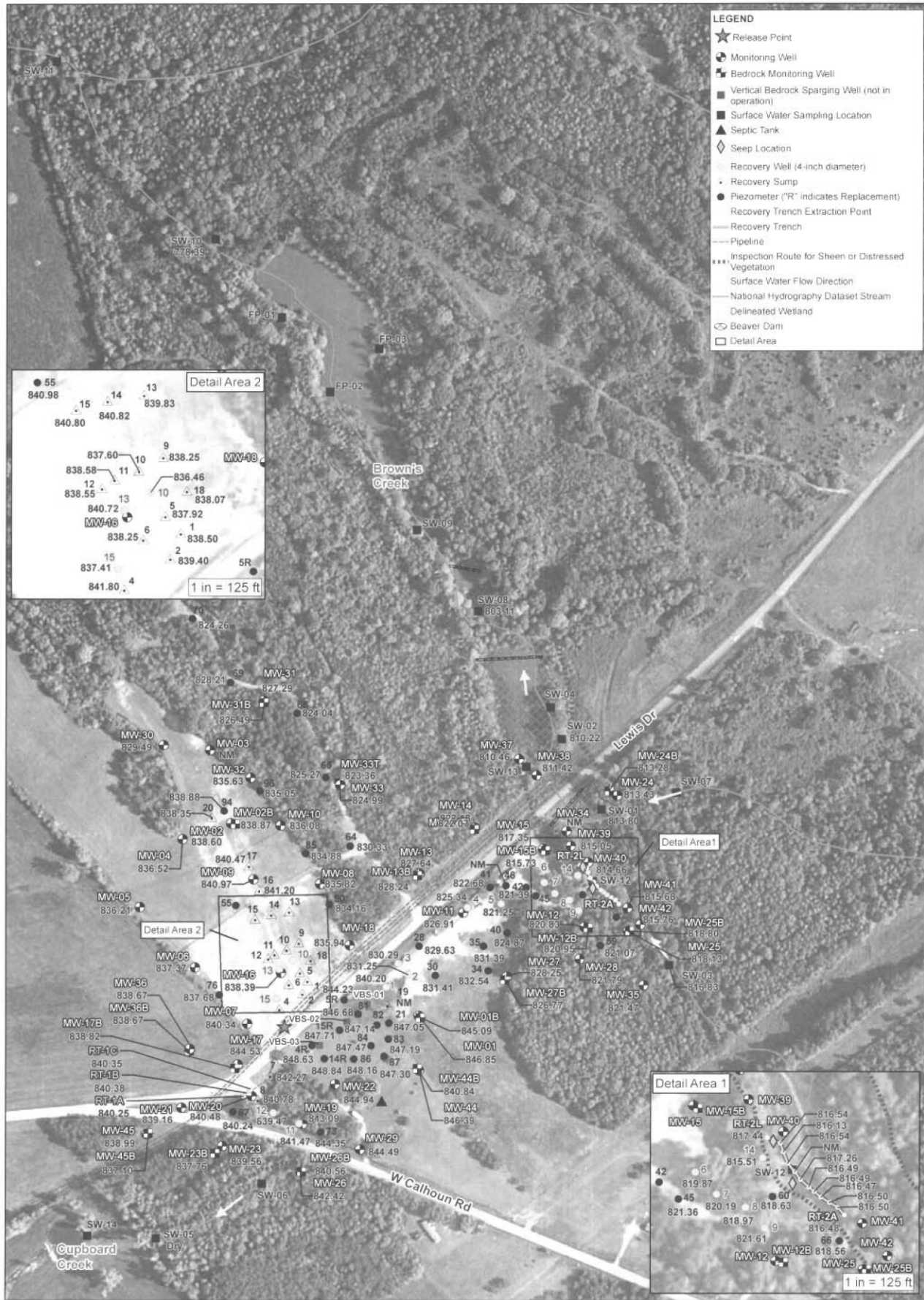
### Cumulative Product Shipped from the Site

Date	Destination	Total Product (gal)
12/9/2014	PPL Greensboro	4,289
12/9/2014	PPL Greensboro	3,100
12/12/2014	PPL Greensboro	1,189
12/30/2014	Crystal Clean (FCC)	5,057
12/31/2014	Crystal Clean (FCC)	5,333
1/4/2015	Crystal Clean (FCC)	5,000
1/4/2015	Crystal Clean (FCC)	2,872
1/5/2015	Crystal Clean (FCC)	5,013
1/6/2015	Crystal Clean (FCC)	4,800
1/7/2015	Allied Energies	6,532
1/7/2015	Allied Energies	6,425
1/7/2015	Allied Energies	8,200
1/9/2015	Allied Energies	6,482
1/9/2015	Allied Energies	7,825
1/12/2015	Allied Energies	6,540
1/12/2015	Allied Energies	6,467
1/13/2015	Allied Energies	6,732
1/13/2015	Allied Energies	6,595
1/15/2015	Allied Energies	6,500
1/22/2015	Allied Energies	5,791
1/23/2015	Allied Energies	5,450
1/27/2015	Allied Energies	5,791
1/27/2015	Allied Energies	5,557
1/27/2015	Allied Energies	6,043
1/28/2015	Allied Energies	4,411
2/5/2015	Allied Energies	5,513
2/11/2015	Allied Energies	5,732
2/11/2015	Allied Energies	5,606
2/25/2015	Allied Energies	5,583
3/4/2015	Allied Energies	4,000
3/16/2015	Allied Energies	5,200

Date	Destination	Total Product (gal)
6/3/2015	Allied Energies	6,500
6/3/2015	Allied Energies	4,214
8/10/2015	Allied Energies	6,000
11/2/2015	Allied Energies	5,800
11/13/2015	Crystal Clean (FCC)	2,900
12/1/2015	Allied Energies	6,690
12/1/2015	Allied Energies	6,700
12/7/2015	Crystal Clean (FCC)	500
9/28/2016	Shamrock	495
10/17/2016	Shamrock	110
10/24/2016	Shamrock	85
10/31/2016	Shamrock	70
11/10/2016	Shamrock	168
1/18/2017	A&D Archdale, NC	3,758
3/3/2017	A&D Archdale, NC	460
3/8/2017	A&D Archdale, NC	500
3/15/2017	A&D Archdale, NC	4,189
4/3/2017	A&D Archdale, NC	458
4/19/2017	A&D Archdale, NC	927
4/19/2017	A&D Archdale, NC	747
5/22/2017	A&D Archdale, NC	50
6/7/2017	A&D Archdale, NC	658
6/29/2017	A&D Archdale, NC	695
6/29/2017	Remaining in frac tank	428
<b>Total (gallons)</b>		<b>222,732</b>
<b>Total (barrels)</b>		<b>5,303</b>

Notes:

1. A 21,000 gallon frac tank was mobilized to the site on January 19, 2017. Gasoline and water are field-segregated using the frac tank prior to off-site disposal.



821.07 Corrected Groundwater Elevation as of 6/4/2017 in feet above mean sea level  
 NM Not measured

Note: Surface water elevation recorded on 6/4/2017 and 6/9/2017 in feet above mean sea level

Base Map Sources  
 \*USDA, Farm Service Agency (FSAL) National Agriculture Imagery Program (NAIP), Published 8/19/2015  
 \*United States Geological Survey (USGS) National Hydrography Dataset (NHD)

Figure 1. Groundwater and Surface Water Elevation Map  
 Lewis Drive Release, Belton, South Carolina  
 Site ID #18693  
 "Kinder Morgan Belton Pipeline Release"



- LEGEND**
- ★ Release Point
  - ◆ Monitoring Well
  - ⊠ Bedrock Monitoring Well
  - ◇ Seep Location
  - ⋯ Recovery Sump
  - Piezometer ("R" indicates Replacement)
  - Recovery Well (4-inch diameter)
  - Vertical Bedrock Sparging Well (not in operation)
  - Vertical Saprillite Sparging Well
  - Surface Water Sampling Location
  - ▲ Septic Tank
  - Recovery Trench Extraction Point
  - Recovery Trench
  - Surface Water Flow Direction
  - Horizontal Air Sparging Well Riser
  - ⋯ Horizontal Air Sparging Well Screen
  - Pipeline
  - National Hydrography Dataset Stream
  - Delineated Wetland
  - ⊠ Beaver Dam
  - Detail Area
- 0.02 Product thickness in feet as of 6/4/2017  
 NP No product detected  
 NM Not measured

Source Data:  
 \*USDA, Farm Service Agency (FSA), National Agriculture Imagery Program (NAIP), Published 8/19/ 2015  
 \*United States Geological Survey (USGS) National Hydrography Dataset (NHD)

0 175 350  
 Scale in Feet

**Figure 2. Product Thickness Map**  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18593  
 "Kinder Morgan Belton Pipeline Release"



**Table 1. Field Observation Log**

*Plantation Pipe Line Company*

*Lewis Drive Remediation, Belton, South Carolina*

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

<b>Date</b>	<b>Inspect Wetlands South of Calhoun Road (Any odor, sheen or distressed vegetation? Describe.)</b>	<b>Inspect Brown's Creek Upstream and Downstream of the Culvert Under Lewis Drive (Any odor, sheen or distressed vegetation? Describe.)</b>
6/2/2017	No odors, sheens, or distressed vegetation observed.	No sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive. Sheen coming from RT-2B and RT-2C were observed.
6/4&5/2017	No odors, sheens, or distressed vegetation observed.	No sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive. Sheen coming from RT-2B and RT-2C were observed.
6/9/2017	No odors, sheens, or distressed vegetation observed.	No sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive. Sheen coming from side slope at RT-2C (~30 feet in length) and micro bio sheen coming from RT-2K were observed.
6/12/2017	No odors, sheens, or distressed vegetation observed.	No sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive. Sheen coming from side slope at RT-2C and micro bio sheen coming from RT-2K were observed.
6/15/2017	No odors, sheens, or distressed vegetation observed.	No odors, sheens, or distressed vegetation observed.
6/19/2017	No odors, sheens, or distressed vegetation observed.	No odors, sheens, or distressed vegetation observed.
6/22/2017	No odors, sheens, or distressed vegetation observed.	No odors, sheens, or distressed vegetation observed.
6/29/2017	No odors, sheens, or distressed vegetation observed.	No odors, sheens, or distressed vegetation observed.
7/2&3/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands either upstream or downstream of Culvert under Lewis Drive.

Notes:

ID = identification

**Table 2. Stream Gauge Construction Information**

*Plantation Pipe Line Company*

*Lewis Drive Remediation, Belton, South Carolina*

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

<b>Location ID</b>	<b>Installation Method</b>	<b>Date Installed</b>	<b>Stream Bottom Elevation (ft amsl)</b>	<b>Elevation of Zero Mark (ft amsl)</b>
SW-01	By hand	3/29/2016	812.39	812.82
SW-02	By hand	3/29/2016	808.36	808.65
SW-03	By hand	3/29/2016	815.05	815.09
SW-05	By hand	3/29/2016	838.69	838.75
SW-08	By hand	3/29/2016	802.14	802.04
SW-10	By hand	3/29/2016	776.62	778.09

**Notes:**

amsl = above mean sea level relative to North American Vertical Datum of 1988 (NAVD88). Benchmark is 34.8289659 degrees north, 82.3710354 degrees west (NAD83, 2011), elevation 929.1 ft NAVD88

ft = feet

ID = identification

SW = surface water

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
SW-RELEASE	SW-RELEASE	1/20/2015	µg/L	330	490	2,400	2,100	940	140	5.7 J
	SW01-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U
	SW01-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	17.6	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	14.9	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	7.0	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	8.8	10.6	6.4	5 U <sup>1</sup>	NA
	SW01-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW01-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW01-112415	11/24/2015	µg/L	7.8	1.5	13.0	9.3	4.6	1 U <sup>1</sup>	NA
	SW01-122215	12/22/2015	µg/L	4.6	1 U	8.8	5.5	3.1	1 U <sup>1</sup>	NA
	SW01-012516	1/25/2016	µg/L	17.6	2.3	36.0	11.3	6.3	1 U <sup>1</sup>	NA
SW-01	SW01-021816	2/18/2016	µg/L	23.4	3.0	55.6	15.0	9.1	1 U <sup>1</sup>	NA
	SW01-031616	3/16/2016	µg/L	20.1	2.4	42.3	13.3	7.6	1 U <sup>1</sup>	NA
	SW01-042716	4/27/2016	µg/L	20.8	1 U	30.6	2.9	2.0	1 U <sup>1</sup>	NA
	SW01-050916	5/9/2016	µg/L	16.5	1.4	16.3	7.0	4.8	1 U <sup>1</sup>	NA
	SW01-062716	6/27/2016	µg/L	9	1 U	3.3	2 U	1 U	1 U <sup>1</sup>	NA
	SW01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW01-112816	11/28/2016	µg/L	5.0	1 U	10.4	4.9	8.3	1 U <sup>1</sup>	NA
	SW01-122916	12/29/2016	µg/L	12.6	1 U	22.1	11.2	13.5	1 U <sup>1</sup>	NA
	SW01-012017	1/20/2017	µg/L	1.0	1 U	2.3	2 U	3.5	1 U <sup>1</sup>	NA
	SW01-022817	2/28/2017	µg/L	18.5	1.93	37.0	13.8	10.2	5 U <sup>1</sup>	NA
	SW01-031517	3/15/2017	µg/L	3.02	1 U	5.13	2.16	1.74	5 U <sup>1</sup>	NA
	SW01-032117	3/21/2017	µg/L	1 U	1 U	1.57	2 U	1 U	5 U <sup>1</sup>	NA
	SW01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW01-040517	4/5/2017	µg/L	1 U	1 U	2.25	2 U	1 U	5 U <sup>1</sup>	NA
	SW01-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW01-061317	6/13/2017	µg/L	1 U	1 U	1.90	2 U	1 U	5 U <sup>1</sup>	NA



Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
	SW02-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U
	SW02-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	6.0	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	13.0	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW02-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-112415	11/24/2015	µg/L	6	1.3	10.0	7.8	4.0	1 U <sup>1</sup>	NA
	SW02-122215	12/22/2015	µg/L	4.1	1 U	7.6	5.1	3.1	1 U <sup>1</sup>	NA
	SW02-012516	1/25/2016	µg/L	12	1.5	25.0	8.4	4.6	1 U <sup>1</sup>	NA
SW-02	SW02-021816	2/18/2016	µg/L	15.5	1.8	35.3	10.1	5.9	1 U <sup>1</sup>	NA
	SW02-031616	3/16/2016	µg/L	8	1.0	17.5	5.8	3.9	1 U <sup>1</sup>	NA
	SW02-042716	4/27/2016	µg/L	5.6	1 U	7.1	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-050916	5/9/2016	µg/L	7.1	1 U	4.5	2.2	1.6	1 U <sup>1</sup>	NA
	SW02-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-112816	11/28/2016	µg/L	5.4	1 U	1.6	2.6	4.8	1 U <sup>1</sup>	NA
	SW02-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1.4	1 U <sup>1</sup>	NA
	SW02-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW02-022817	2/28/2017	µg/L	10.7	1 U	11.0	4.14	4.23	5 U <sup>1</sup>	NA
	SW02-031517	3/15/2017	µg/L	11.4	1 U	8.6	4.45	3.6	5 U <sup>1</sup>	NA
	SW02-032117	3/21/2017	µg/L	8.42	1 U	2.45	2.48	2.68	5 U <sup>1</sup>	NA
	SW02-033017	3/30/2017	µg/L	2.18	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW02-040517	4/5/2017	µg/L	2.87	1 U	1.12	2 U	1.14	5 U <sup>1</sup>	NA
	SW02-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW02-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Benzene	Ethylbenzene	Toluene	Analyte m&p-Xylene	o-Xylene	Naphthalene	MTBE
	SW-UPGRADIENT	1/20/2015	µg/L	0.5 U	1 U	0.23 J	2 U	1 U	1 U <sup>1</sup>	1 U
	SW03-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW03-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
SW-03	SW03-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW03-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW03-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW03-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
	SW-DOWNGRAIENT	1/20/2015	µg/L	95	27	310	110	63	94 U <sup>1</sup>	2.7
	SW04-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW04-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-112415	11/24/2015	µg/L	1.7	1 U	2.7	2.9	1.6	1 U <sup>1</sup>	NA
	SW04-122215	12/22/2015	µg/L	3.3	1 U	7.3	5.2	2.7	1 U <sup>1</sup>	NA
	SW04-012516	1/25/2016	µg/L	6.9	1 U	14.0	4.9	2.8	1 U <sup>1</sup>	NA
SW-04	SW04-021816	2/18/2016	µg/L	10.9	1.1	25.4	7.0	4.3	1 U <sup>1</sup>	NA
	SW04-031616	3/16/2016	µg/L	1 U	1 U	2.0	2 U	1.8	1 U <sup>1</sup>	NA
	SW04-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-062716	6/27/2016	µg/L	1 U	1 U	1.1	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-072816	7/28/2016	µg/L	1 U	1 U	23.5	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW04-022817	2/28/2017	µg/L	1 U	1 U	1.13	2 U	1 U	5 U <sup>1</sup>	NA
	SW04-031517	3/15/2017	µg/L	1 U	1 U	2.90	2 U	1 U	5 U <sup>1</sup>	NA
	SW04-032117	3/21/2017	µg/L	1 U	1 U	3.28	2 U	1 U	5 U <sup>1</sup>	NA
	SW04-033017	3/30/2017	µg/L	1 U	1 U	6.15	2 U	1 U	5 U <sup>1</sup>	NA
	SW04-040517	4/5/2017	µg/L	1 U	1 U	9.47	2 U	1 U	5 U <sup>1</sup>	NA
	SW04-050417	5/4/2017	µg/L	1 U	1 U	13.8	2 U	1 U	5 U <sup>1</sup>	NA
	SW04-061317	6/13/2017	µg/L	1 U	1 U	1.37	2 U	1 U	5 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Benzene	Ethylbenzene	Toluene	Analyte m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-05	SW05-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW05-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW05-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW05-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW05-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW05-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW-06	SW06-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>
SW06-030215		3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
SW06-031115		3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
SW06-031815		3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
SW06-042215		4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
SW06-122215		12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
SW06-012516		1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
SW06-021816		2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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	
	SW07-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW07-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
SW-07	SW07-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW07-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW07-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW07-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW07-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW07-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW07-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte							MTBE
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene		
	SW08-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U	5 U <sup>1</sup>	NA
	SW08-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW08-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U <sup>1</sup>	NA
	SW08-122215	12/22/2015	µg/L	1.6	1 U	3.8	2.5	1.6	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-012516	1/25/2016	µg/L	2.4	1 U	5.6	2	1.3	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
SW-08	SW08-021816	2/18/2016	µg/L	2.9	1 U	7.6	2.3	1.5	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	1 U <sup>1</sup>	NA
	SW08-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA
	SW08-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA
	SW08-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA
	SW08-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA
	SW08-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA
	SW08-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA
	SW08-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	5 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
	SW09-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW09-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-122215	12/22/2015	µg/L	2.1	1 U	4.8	3.3	2.1	1 U <sup>1</sup>	NA
	SW09-012516	1/25/2016	µg/L	3.3	1 U	7.1	2.4	1.5	1 U <sup>1</sup>	NA
SW-09	SW09-021816	2/18/2016	µg/L	2.2	1 U	5.9	2 U	1.2	1 U <sup>1</sup>	NA
	SW09-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW09-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW09-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW09-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW09-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW09-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW09-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW09-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
	SW10-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA
	SW10-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
SW-10	SW10-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	SW10-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW10-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW-10-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW-10-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW-10-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW10-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	SW10-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA



Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte							MTBE
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene		
	SW11-022515	2/25/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-030215	3/2/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-031115	3/11/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-031815	3/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-033115	3/31/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-042215	4/22/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-050715	5/7/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-051915	5/19/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-060315	6/3/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-061815	6/18/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-071515	7/15/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-081315	8/13/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-092415	9/24/2015	µg/L	5 U <sup>1</sup>	5 U	5 U	10 U	5 U	5 U <sup>1</sup>	NA	
	SW11-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
SW-11	SW11-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
	SW11-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW11-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW-11-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW-11-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW-11-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW11-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
	SW11-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte							MTBE
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene		
SW-12	SW12-081916	8/19/2016	µg/L	6,430	764	15,400	3,360	1,730	128	NA	
	SW12-092916	9/29/2016	µg/L	7,850	1,030	19,000	3,910	1,940	143	NA	
	SW12-103116	10/31/2016	µg/L	165	17.7	302	103	58.2	4.7	NA	
	SW12-112816	11/28/2016	µg/L	486	59.6	976	351	181	14.2	NA	
	SW12-122916	12/29/2016	µg/L	707	97.3	1,790	408	213	16.8	NA	
	SW12-012017	1/20/2017	µg/L	212	19.8	396	104	58	3.8	NA	
	SW12-022817	2/28/2017	µg/L	26.1	4.04	62.3	18.0	9.73	5 U <sup>1</sup>	NA	
	SW12-031517	3/15/2017	µg/L	125	15.3	185	67.9	35.5	5 U <sup>1</sup>	NA	
	SW12-032117	3/21/2017	µg/L	134	12.1	45.0	60.8	33.6	5 U <sup>1</sup>	NA	
	SW12-033017	3/30/2017	µg/L	48.5	5.69	86.3	27.7	15.8	5 U <sup>1</sup>	NA	
	SW12-040517	4/5/2017	µg/L	67.1	9.24	127.0	43.6	23.7	5 U <sup>1</sup>	NA	
	SW12-050417	5/4/2017	µg/L	52.8	7.96	91.7	42	23.2	5 U <sup>1</sup>	NA	
	SW12-061317	6/13/2017	µg/L	102	16.6	166	85.1	46.2	5 U <sup>1</sup>	NA	
	SW-13	SW13-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
SW13-092916		9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
SW13-103116		10/31/2016	µg/L	1 U	1 U	2.0	2 U	1 U	1 U <sup>1</sup>	NA	
SW13-112816		11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
SW13-122916		12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
SW13-012017		1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA	
SW13-022817		2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
SW13-031517		3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
SW13-032117		3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
SW13-033017		3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
SW13-040517		4/5/2017	µg/L	1 U	1 U	1.21	2 U	1 U	5 U <sup>1</sup>	NA	
SW13-050417		5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	
SW13-061317		6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA	

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
FP-01	FP01-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP01-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP01-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-01-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-01-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-01-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-01-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
FP-02	FP02-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP02-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP02-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-02-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-02-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-02-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-02-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-02-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA

Table 3. Analytical Results for Surface Water  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, 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
FP-03	FP03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U <sup>1</sup>	NA
	FP03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-03-040517	4/5/2017	µg/L	NS	NS	NS	NS	NS	NS	NS
	FP-03-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	FP-03-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U <sup>1</sup>	NA
	Screening Value: µg/L				2.2 <sup>a</sup>	530 <sup>a</sup>	1,000 <sup>a</sup>	190 <sup>bc</sup>	190 <sup>b</sup>	0.17 <sup>b</sup>

Notes:  
<sup>a</sup> 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 22, 2012  
<sup>b</sup> U.S. Environmental Protection Agency (EPA) Regional Screening Levels (RSLs). Tapwater. June 2015. RSLs based on hazard quotient (HQ) = 1 and cancer risk = 1 x 10<sup>-6</sup>  
<sup>c</sup> RSL value for total xylenes used for m&p-Xylene  
<sup>1</sup> 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 8260B  
 µg/L = microgram(s) per liter  
 FP = free product  
 ID = identification  
 MTBE = methyl tertiary butyl ether  
 NA = not applicable  
 NS = not sampled  
 SW = surface water  
 J = estimated  
 U = analyte was not detected above the reported sample quantitation limit  
 Bold indicates the analyte was detected above the method detection limit.  
 Gray shading indicates the analyte exceeded RBSLs.

Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or	Bottom of Screen or	Top of Screen or	Bottom of Screen or	Top of Screen or	Bottom of Screen or	Length of Screen or
													Borehole Interval (ft BTOC)	Borehole Interval (ft BTOC)	Borehole Interval (ft bgs)	Borehole Interval (ft bgs)	Borehole Interval (ft amsl)	Borehole Interval (ft amsl)	
MW-01	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	850.25	853.07	15.65	8	2	13.00	837.2	5.82	15.82	3.0	13.0	847.2	837.2	10.00
MW-01B	Schramm Air Rig	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	850.45	852.99	44.50	10	6	38.50	812.0	21.03	41.03	18.5	38.5	832.0	812.0	20.00
MW-02	CME 750 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	841.24	841.04	23.14	8	2	20.00	821.2	4.80	19.80	5.0	20.0	836.2	821.2	15.00
MW-02B	Schramm Air Rig	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	841.40	841.18	87.15	10	6	81.00	760.4	69.78	80.78	70.0	81.0	771.4	760.4	11.00
MW-03	CME 550 HSA	MW-10136	6/23/2015	Still in use	Monitoring Well/Gauging	838.38	838.36	22.19	8	2	20.00	818.4	4.98	19.98	5.0	20.0	833.4	818.4	15.00
MW-04	CME 550 HSA	MW-10136	6/23/2015	Still in use	Monitoring Well/Gauging	844.51	844.42	22.13	8	2	20.00	824.5	4.91	19.91	5.0	20.0	839.5	824.5	15.00
MW-05	CME 550 HSA	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	851.15	851.11	19.80	8	2	20.00	831.1	4.96	19.96	5.0	20.0	846.1	831.1	15.00
MW-06	CME 550 HSA	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	852.98	852.92	19.20	8	2	19.60	833.4	4.54	19.54	5.0	19.6	848.0	833.4	15.00
MW-07	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	853.02	853.02	15.35	8	2	13.50	839.5	-1.50	13.50	3.5	13.5	849.5	839.5	15.00
MW-08	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	844.75	844.72	21.81	8	2	19.70	825.1	4.67	19.67	4.7	19.7	840.1	825.1	15.00
MW-09	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	843.72	843.63	22.63	8	2	19.50	824.2	4.41	19.41	4.5	19.5	839.2	824.2	15.00
MW-10	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	842.33	845.41	22.41	8	2	20.00	822.3	8.08	23.08	5.0	20.0	837.3	822.3	15.00
MW-11	CME 550 HSA	MW-10136	7/1/2015	Still in use	Monitoring Well/Gauging	852.36	855.63	32.00	8	2	25.20	827.2	13.27	28.27	14.2	25.0	838.2	827.4	15.00
MW-12	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	832.20	834.53	22.05	8	2	19.30	812.9	6.63	21.63	4.3	19.3	827.9	812.9	15.00
MW-12B	Geoprobe 3230 DT HSA	MW-10460	12/22/2015	Still in use	Monitoring Well/Gauging	832.26	834.98	45.31	10	6	43.00	789.3	35.72	45.72	33.0	43.0	799.3	789.3	10.00
MW-13	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	845.93	848.84	22.18	8	2	19.00	826.9	6.92	21.92	4.0	19.0	841.9	826.9	15.00
MW-13B	Geoprobe 3230 DT HSA	MW-10461	12/21/2015	Still in use	Monitoring Well/Gauging	847.19	849.82	55.41	10	6	58.00	789.2	50.64	60.64	48.0	58.0	799.2	789.2	10.00
MW-14	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	836.47	838.70	22.18	8	2	19.30	817.2	6.53	21.53	4.3	19.3	832.2	817.2	15.00
MW-14B	Mobile ST Schramm	MW-10578	5/3/2016	Still in use	Monitoring Well/Gauging	837.12	840.20	80.20	10	6	76.90	760.2	69.30	79.30	66.0	76.0	771.1	761.1	10.00
MW-15	CME 550 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	828.68	831.03	18.85	8	2	19.00	809.7	6.35	21.35	4.0	19.0	824.7	809.7	15.00
MW-15B	CME 550 HSA	MW-10136	7/28/2015	Still in use	Monitoring Well/Gauging	828.66	831.29	77.85	10	6	77.85	750.8	70.48	80.48	67.9	77.9	760.8	750.8	10.00
MW-16	CME 750 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	847.63	847.67	20.60	8	2	20.00	827.6	5.03	20.03	5.0	20.0	842.6	827.6	15.00
MW-17	CME 750 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	855.32	855.35	15.30	8	2	11.00	844.3	6.03	11.03	6.0	11.0	849.3	844.3	5.00
MW-17B	Geoprobe 3230 DT HSA	MW-10462	1/7/2016	Still in use	Monitoring Well/Gauging	855.37	855.37	27.40	10	6	27.00	828.4	17.00	27.00	17.0	27.0	838.4	828.4	10.00
MW-18	CME 550 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	846.82	846.89	20.10	8	2	20.00	826.8	5.06	20.06	5.0	20.0	841.8	826.8	15.00
MW-19	CME 750 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	851.23	852.94	12.13	8	2	9.50	841.7	7.20	12.20	4.5	9.5	846.7	841.7	5.00
MW-20	CME 750 HSA	MW-10136	6/30/2015	Still in use	Monitoring Well/Gauging	853.07	852.89	19.40	8	2	19.00	834.1	3.81	18.81	4.0	19.0	849.1	834.1	15.00
MW-21	CME 750 HSA	MW-10136	6/30/2015	Still in use	Monitoring Well/Gauging	855.68	855.77	23.23	8	2	20.00	835.7	5.09	20.09	5.0	20.0	850.7	835.7	15.00
MW-22	CME 750 HSA	MW-10136	7/1/2015	Still in use	Monitoring Well/Gauging	854.62	854.60	13.41	8	2	11.00	843.6	5.98	10.98	6.0	11.0	848.6	843.6	5.00
MW-23	CME 750 HSA	MW-10136	7/1/2015	Still in use	Monitoring Well/Gauging	846.66	849.57	23.24	8	2	20.00	826.7	7.91	22.91	5.0	20.0	841.7	826.7	15.00
MW-23B	CME 550 HSA	MW-10136	7/22/2015	Still in use	Monitoring Well/Gauging	846.81	849.69	55.75	10	6	50.50	796.3	30.88	53.38	28.0	50.5	818.8	796.3	22.50
MW-24	CME 550 HSA	MW-10136	7/15/2015	Still in use	Monitoring Well/Gauging	815.72	817.92	12.50	8	2	13.00	802.7	10.20	15.20	8.0	13.0	807.7	802.7	5.00
MW-24B	CME 550 HSA	MW-10136	7/20/2015	Still in use	Monitoring Well/Gauging	815.83	818.72	41.35	10	6	39.50	776.3	22.39	42.39	19.5	39.5	796.3	776.3	20.00
MW-25	Geoprobe 3230 DT HSA	MW-10463	1/5/2016	Still in use	Monitoring Well/Gauging	823.46	826.18	18.04	8	2	15.00	808.5	8.04	18.04	5.0	15.0	818.5	808.5	10.00
MW-25B	Geoprobe 3230 DT HSA	MW-10464	1/5/2016	Still in use	Monitoring Well/Gauging	822.59	823.81	56.43	10	6	58.00	764.6	49.22	59.22	48.0	58.0	774.6	764.6	10.00
MW-26	Geoprobe 3230 DT HSA	MW-10465	1/4/2016	Still in use	Monitoring Well/Gauging	844.76	847.56	17.27	8	2	15.25	829.5	7.27	17.27	5.0	15.0	839.8	829.8	10.00
MW-26B	Geoprobe 3230 DT HSA	MW-10466	1/4/2016	Still in use	Monitoring Well/Gauging	844.81	847.81	42.81	10	6	38.00	806.8	29.00	41.00	26.0	38.0	818.8	806.8	12.00
MW-27	Geoprobe 3230 DT HSA	MW-10467	1/5/2016	Still in use	Monitoring Well/Gauging	854.22	854.11	30.11	8	2	30.25	824.0	15.11	30.11	15.0	30.0	839.2	824.2	15.00
MW-27B	CME 550 HSA / Schramm	MW-10578	4/25/2016	Still in use	Monitoring Well/Gauging	854.27	857.14	50.25	10	6	46.00	808.3	40.25	50.25	36.0	46.0	818.3	808.3	10.00
MW-28	Geoprobe 3230 DT HSA	MW-10468	1/5/2016	Still in use	Monitoring Well/Gauging	841.49	844.31	25.91	8	2	23.50	818.0	8.50	23.50	10.0	25.0	831.5	816.5	15.00
MW-29	Geoprobe 3230 DT HSA	MW-10469	1/4/2016	Still in use	Monitoring Well/Gauging	852.07	852.20	15.02	8	2	15.25	836.8	5.00	15.00	5.0	15.0	847.1	837.1	10.00
MW-30	Geoprobe 3230 DT HSA	MW-10470	1/6/2016	Still in use	Monitoring Well/Gauging	841.21	841.28	14.51	8	2	15.25	826.0	5.00	15.00	5.0	15.0	836.2	826.2	10.00
MW-31	CME 550 HSA	MW-10578	4/19/2016	Still in use	Monitoring Well/Gauging	842.26	845.04	28.05	8	2	25.00	817.3	13.05	28.05	10.0	25.0	832.3	817.3	15.00
MW-31B	CME 550 HSA / Schramm	MW-10578	4/22/2016	Still in use	Monitoring Well/Gauging	842.01	844.94	80.76	10	6	76.00	766.0	69.76	80.76	65.0	76.0	777.0	766.0	11.00
MW-32	CME 550 HSA	MW-10578	4/19/2016	Still in use	Monitoring Well/Gauging	839.81	842.93	28.96	8	2	26.00	813.8	12.96	27.96	10.0	26.0	829.8	814.8	15.00
MW-33	CME 550 HSA	MW-10578	4/15/2016	Still in use	Monitoring Well/Gauging	846.20	849.20	28.25	8	2	27.00	819.2	11.25	26.25	10.0	25.0	836.2	821.2	15.00
MW-33T	CME 550 HSA/Air Rotary	MW-10578	4/14/2016	Still in use	Monitoring Well/Gauging	846.15	849.11	98.15	8	2	96.50	749.7	85.65	95.65	84.0	94.0	762.2	752.2	10.00

Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or	Bottom of Screen or	Top of Screen or	Bottom of Screen or	Top of Screen or	Bottom of Screen or	Length of Screen or Open Interval (ft)
													Open Interval (ft BTOC)	Open Interval (ft BTOC)	Open Interval (ft bgs)	Open Interval (ft amsl)	Open Interval (ft amsl)		
MW-34	Hand Auger	MW-10994	3/16/2017	Still in use	Monitoring Well/Gauging	813.99	816.35	7.82	4	2	5.00	809.0	5.32	7.82	2.5	5.0	811.5	809.0	2.50
MW-35	CME 550 HSA	MW-10578	4/20/2016	Still in use	Monitoring Well/Gauging	826.22	829.40	28.50	8	2	26.00	800.2	12.50	27.50	10.0	25.0	816.2	801.2	15.00
MW-36	CME 550 HSA	MW-10578	4/22/2016	Still in use	Monitoring Well/Gauging	858.66	858.47	23.62	8	2	24.50	834.2	8.62	23.62	9.5	24.5	849.2	834.2	15.00
MW-36B	CME 550 HSA / Schramm	MW-10578	4/28/2016	Still in use	Monitoring Well/Gauging	858.49	858.15	47.89	10	6	54.90	803.6	36.99	46.99	44.0	54.0	814.5	804.5	10.00
MW-37	Geoprobe 8040 HSA	MW-10759	8/9/2016	Still in use	Monitoring Well/Gauging	810.93	813.92	18.11	6.25	2	16.00	794.9	7.11	17.11	5.0	15.0	805.9	795.9	10.00
MW-38	Geoprobe 8040 HSA	MW-10759	8/9/2016	Still in use	Monitoring Well/Gauging	810.49	813.28	11.44	6.25	2	9.10	801.4	6.24	11.24	3.9	8.9	806.6	801.6	5.00
MW-39	Geoprobe 8040 HSA	MW-10759	11/29/2016	Still in use	Monitoring Well/Gauging	816.92	819.90	13.03	6.25	2	11.00	805.9	7.03	12.03	5.0	10.0	811.9	806.9	5.00
MW-40	Geoprobe 8040 HSA	MW-10759	11/30/2016	Still in use	Monitoring Well/Gauging	814.75	817.79	13.15	6.25	2	11.00	803.8	7.15	12.15	5.0	10.0	809.8	804.8	5.00
MW-41	Geoprobe 8040 HSA	MW-10759	11/28/2016	Still in use	Monitoring Well/Gauging	816.67	819.68	13.19	6.25	2	11.00	805.7	7.19	12.19	5.0	10.0	811.7	806.7	5.00
MW-42	Geoprobe 8040 HSA	MW-10759	11/28/2016	Still in use	Monitoring Well/Gauging	817.31	820.33	13.37	6.25	2	11.00	806.3	7.37	12.37	5.0	10.0	812.3	807.3	5.00
MW-44	Hollow Stem Auger	MW-10964	1/23/2017	Still in use	Monitoring Well/Gauging	853.82	853.67	9.80	6.25	2	10.00	843.8	4.80	9.80	5.0	10.0	848.8	843.8	5.00
MW-44B	Hollow Stem Auger/Wire Line/Air Rotary	MW-10964	1/23/2017	Still in use	Monitoring Well/Gauging	853.66	853.38	34.95	10.25	4	37.10	816.6	13.95	34.95	16.1	37.1	837.6	816.6	21.00
MW-45	Hollow Stem Auger	MW-10964	1/26/2017	Still in use	Monitoring Well/Gauging	852.39	852.47	14.46	6.25	2	14.00	838.4	4.46	14.46	4.0	14.0	848.4	838.4	10.00
MW-45B	Hollow Stem Auger/Wire Line/Air Rotary	MW-10964	1/25/2017	Still in use	Monitoring Well/Gauging	852.69	852.85	40.50	10.25	4	40.30	812.4	19.20	40.50	19.0	40.3	833.7	812.4	21.30
<b>Recovery Wells</b>																			
RW-01	HSA	MW-09978	1/28/2015	Still in use	Gauging/LNAPL Recovery	849.49	851.92	20.80	6.25	4	17	832.5	4.44	19.44	2.0	17.0	847.5	832.5	15
RW-02	HSA	MW-09978	1/29/2015	Still in use	Gauging/LNAPL Recovery	850.22	852.69	25.72	6.25	4	23	827.2	15.47	25.47	13.0	23.0	837.2	827.2	10
RW-03	HSA	MW-09978	1/29/2015	Still in use	Gauging/LNAPL Recovery	850.03	852.34	33.39	6.25	4	31.2	818.8	18.51	33.51	16.2	31.2	833.8	818.8	15
RW-04	HSA	MW-09978	1/30/2015	Still in use	Gauging/LNAPL Recovery	852.15	853.93	35.04	6.25	4	33	819.2	14.78	34.78	13.0	33.0	839.2	819.2	20
RW-05	HSA	MW-09978	1/30/2015	Still in use	Gauging/LNAPL Recovery	850.99	853.53	38.25	6.25	4	34.5	816.5	22.04	37.04	19.5	34.5	831.5	816.5	15
RW-06	HSA	MW-09978	1/30/2015	Still in use	Gauging/LNAPL Recovery	844.21	846.21	38.50	6.25	4	38.5	805.7	20.49	40.49	18.5	38.5	825.7	805.7	20
RW-07	HSA	MW-09978	2/2/2015	Still in use	Gauging/LNAPL Recovery	841.01	843.19	38.00	6.25	4	38	803.0	15.18	40.18	13.0	38.0	828.0	803.0	25
RW-08	HSA	MW-09978	2/3/2015	Still in use	Gauging/LNAPL Recovery	833.46	835.48	33.50	6.25	4	33.5	800.0	10.52	35.52	8.5	33.5	825.0	800.0	25
RW-09	HSA	MW-09978	2/3/2015	Still in use	Gauging/LNAPL Recovery	831.13	835.12	42.13	6.25	4	41.5	789.6	15.49	45.49	11.5	41.5	819.6	789.6	30
RW-10	HSA	MW-10006	2/3/2015	Still in use	Gauging/LNAPL Recovery	846.76	848.53	66.51	6.25	4	68.5	778.3	5.27	70.27	3.5	68.5	843.3	778.3	65
RW-11	HSA	MW-10006	2/4/2015	Still in use	Gauging/LNAPL Recovery	851.03	852.97	21.40	6.25	4	19.5	831.5	6.44	21.44	4.5	19.5	846.5	831.5	15
RW-12	HSA	MW-10006	2/5/2015	Still in use	Gauging/LNAPL Recovery	851.48	852.75	16.90	6.25	4	14	837.5	6.90	16.90	4.0	14.0	847.5	837.5	10
RW-13	HSA	MW-10006	2/5/2015	Still in use	Gauging/LNAPL Recovery	847.57	847.97	45.53	6.25	4	50	797.6	0.53	45.53	5.0	50.0	842.6	797.6	45
RW-14	HSA	MW-10006	2/6/2015	Still in use	Gauging/LNAPL Recovery	826.25	827.54	55.00	6.25	4	55	771.2	5.00	55.00	5.0	55.0	821.2	771.2	50
RW-15	HSA	MW-10006	2/10/2015	Still in use	Gauging/LNAPL Recovery	849.48	851.64	36.50	6.25	4	36.5	813.0	1.50	36.50	1.5	36.5	848.0	813.0	35
<b>Recovery Sumps</b>																			
RS-01	Trackhoe	MW-09978	12/29/2014	Still in use	Gauging/LNAPL Recovery	847.95	849.13	23.60	NA	4	22.42	825.5	3.18	23.60	2.0	22.4	845.9	825.5	20.42
RS-02	Trackhoe	MW-09978	12/29/2014	Still in use	Gauging/LNAPL Recovery	848.54	849.52	20.00	NA	4	19.02	829.5	2.98	20.00	2.0	19.0	846.5	829.5	17.02
RS-04	Trackhoe	MW-09978	12/30/2014	Still in use	Gauging/LNAPL Recovery	850.36	851.47	10.25	NA	4	9.14	841.2	3.11	10.25	2.0	9.1	848.4	841.2	7.14
RS-05	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	847.14	848.31	25.20	NA	4	24.03	823.1	3.17	25.20	2.0	24.0	845.1	823.1	22.03
RS-06	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	848.25	849.47	25.18	NA	4	23.96	824.3	3.22	25.18	2.0	24.0	846.2	824.3	21.96
RS-07	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	854.06	855.08	16.65	NA	4	15.63	838.4	3.02	16.65	2.0	15.6	852.1	838.4	13.63
RS-08	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	852.59	854.00	20.22	NA	4	18.81	833.8	3.41	20.22	2.0	18.8	850.6	833.8	16.81
RS-09	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.75	847.60	18.85	NA	4	18.00	828.8	2.85	18.85	2.0	18.0	844.8	828.8	16.00
RS-10	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.28	847.42	20.06	NA	4	18.92	827.4	3.14	20.06	2.0	18.9	844.3	827.4	16.92
RS-11	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.35	847.44	22.06	NA	4	20.97	825.4	3.09	22.06	2.0	21.0	844.3	825.4	18.97
RS-12	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.58	847.74	21.29	NA	4	20.13	826.5	3.16	21.29	2.0	20.1	844.6	826.5	18.13
RS-13	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	845.51	846.61	19.92	NA	4	18.82	826.7	2.47	19.92	1.4	18.8	844.1	826.7	17.45
RS-14	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	844.66	845.97	19.93	NA	4	18.62	826.0	3.31	19.93	2.0	18.6	842.7	826.0	16.62

Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Length of Screen or Open (ft)
													Interval (ft BTOC)	Interval (ft BTOC)	Interval (ft bgs)	Interval (ft amsl)	Interval (ft amsl)		
RS-15	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	845.36	846.41	19.93	NA	4	18.88	826.5	3.05	19.93	2.0	18.9	843.4	826.5	16.88
RS-16	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	844.56	845.44	19.98	NA	4	19.10	825.5	2.88	19.98	2.0	19.1	842.6	825.5	17.10
RS-17	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	843.29	844.22	19.91	NA	4	18.98	824.3	2.93	19.91	2.0	19.0	841.3	824.3	16.98
RS-18	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	846.82	847.89	19.98	NA	4	18.91	827.9	3.07	19.98	2.0	18.9	844.8	827.9	16.91
RS-19	Trackhoe	MW-09978	1/21/2015	Still in use	Gauging/LNAPL Recovery	849.27	850.40	15.10	NA	4	13.97	835.3	3.13	15.10	2.0	14.0	847.3	835.3	11.97
RS-20	Trackhoe	MW-09978	3/19/2015	Still in use	Gauging/LNAPL Recovery	841.73	842.69	11.84	NA	4	9.91	831.8	3.93	11.84	2.0	9.9	839.7	831.8	7.91
Recovery Trench Sumps																			
RT-1A	Trackhoe	MW-09978	1/6/2015	Still in use	Gauging/LNAPL Recovery	852.86	854.06	20.89	NA	4	20.00	832.9	3.20	21.20	2.0	20.0	850.9	832.9	18
RT-1B	Trackhoe	MW-09978	1/6/2015	Still in use	Gauging/LNAPL Recovery	853.29	854.15	21.10	NA	4	20.00	833.3	2.86	20.86	2.0	20.0	851.3	833.3	18
RT-1C	Trackhoe	MW-09978	1/6/2015	Still in use	Gauging/LNAPL Recovery	853.55	854.55	21.27	NA	4	20.00	833.5	3.00	21.00	2.0	20.0	851.5	833.5	18
RT-2A	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	815.66	817.48	10.81	NA	4	10.00	805.7	3.82	11.82	2.0	10.0	813.7	805.7	8
RT-2B	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	816.72	817.61	10.82	NA	4	10.00	806.7	2.89	10.89	2.0	10.0	814.7	806.7	8
RT-2C	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	816.86	818.06	10.23	NA	4	10.00	806.9	3.20	11.20	2.0	10.0	814.9	806.9	8
RT-2D	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.11	818.12	10.21	NA	4	10.00	807.1	3.01	11.01	2.0	10.0	815.1	807.1	8
RT-2E	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.32	818.25	10.24	NA	4	10.00	807.3	2.93	10.93	2.0	10.0	815.3	807.3	8
RT-2F	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.74	818.57	10.23	NA	4	10.00	807.7	2.83	10.83	2.0	10.0	815.7	807.7	8
RT-2G	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	819.27	820.07	10.24	NA	4	10.00	809.3	2.80	10.80	2.0	10.0	817.3	809.3	8
RT-2H	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	819.91	822.17	8.35	NA	4	10.00	809.9	3.90	12.25	1.7	10.0	818.3	809.9	8
RT-2I	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	819.23	819.51	10.20	NA	4	10.00	809.2	2.28	10.28	2.0	10.0	817.2	809.2	8
RT-2J	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.47	817.63	10.22	NA	4	10.00	807.5	2.16	10.16	2.0	10.0	815.5	807.5	8
RT-2K	Trackhoe	MW-09978	3/20/2015	Still in use	Gauging/LNAPL Recovery	816.11	817.40	4.14	NA	4	2.50	813.6	2.64	4.14	1.0	2.5	815.1	813.6	2
RT-2L	Trackhoe	MW-09978	3/20/2015	Still in use	Gauging/LNAPL Recovery	817.95	819.54	6.60	NA	4	3.71	814.2	3.89	6.60	1.0	3.7	816.9	814.2	3
Piezometers																			
TW-04R	DPT	MW-10006	2/4/2015	Still in use	Gauging	852.68	852.64	5.46	2.2	1	5.5	847.2	2.46	5.46	2.5	5.5	850.2	847.2	3
TW-05R	DPT	MW-10006	2/4/2015	Still in use	Gauging	849.96	849.93	8.87	2.2	1	8.8	841.2	2.87	8.87	2.8	8.9	847.2	841.1	6
TW-14R	DPT	MW-10006	2/4/2015	Still in use	Gauging	853.47	853.37	6.20	2.2	1	6.5	847.0	2.20	6.20	2.5	6.3	851.0	847.2	4
TW-15R	DPT	MW-10006	2/4/2015	Still in use	Gauging	850.70	850.62	4.85	2.2	1	5	845.7	1.85	4.85	2.0	4.9	848.7	845.8	3
TW-21	DPT	MW-09978	1/22/2015	Still in use	Gauging	849.72	849.70	9.41	2.2	1	14	835.7	-0.59	9.41	4.0	9.4	845.7	840.3	10
TW-28	DPT	MW-09978	1/23/2015	Still in use	Gauging	851.57	851.42	31.84	2.2	1	30	821.6	11.84	31.84	10.0	32.0	841.6	819.6	20
TW-30	DPT	MW-09978	1/23/2015	Still in use	Gauging	851.86	851.81	23.15	2.2	1	24	827.9	8.15	23.15	9.0	23.2	842.9	828.7	15
TW-34	DPT	MW-09978	1/24/2015	Still in use	Gauging	854.92	854.79	25.04	2.2	1	23	831.9	10.04	25.04	8.0	25.2	846.9	829.7	15
TW-35	DPT	MW-09978	1/24/2015	Still in use	Gauging	854.22	854.10	25.12	2.2	1	23	831.2	10.12	25.12	8.0	25.2	846.2	829.0	15
TW-40	DPT	MW-09978	1/24/2015	Still in use	Gauging	853.45	853.35	34.05	2.2	1	33	820.5	14.05	34.05	13.0	34.2	840.5	819.3	20
TW-41	DPT	MW-09978	1/25/2015	Still in use	Gauging	849.38	849.38	32.15	2.2	1	34	815.4	7.15	32.15	9.0	32.1	840.4	817.2	25
TW-42	DPT	MW-09978	1/25/2015	Still in use	Gauging	847.02	846.84	27.50	2.2	1	29.5	817.5	7.50	27.50	9.5	27.7	837.5	819.3	20
TW-45	DPT	MW-09978	1/25/2015	Still in use	Gauging	848.26	848.31	36.86	2.2	1	37.5	810.8	11.86	36.86	12.5	36.8	835.8	811.4	25
TW-46	DPT	MW-09978	1/26/2015	Still in use	Gauging	846.89	846.88	33.44	2.2	1	32	814.9	13.44	33.44	12.0	33.4	834.9	813.4	20
TW-55	DPT	MW-10006	2/5/2015	Still in use	Gauging	846.00	845.93	43.00	2.7	1	43	803.0	13.00	43.00	13.0	43.1	833.0	802.9	30
TW-59	DPT	MW-09978	1/30/2015	Still in use	Gauging	834.84	834.78	22.00	2.7	1	22	812.8	7.00	22.00	7.0	22.1	827.8	812.8	15
TW-60	DPT	MW-09978	1/30/2015	Still in use	Gauging	828.00	828.03	40.40	2.7	1	41.5	786.5	5.40	40.40	6.5	40.4	821.5	787.6	35
TW-64	DPT	MW-09978	2/3/2015	Still in use	Gauging	845.89	845.88	56.43	2.2	1	55	799.9	6.43	56.43	5.0	56.4	840.9	789.5	50
TW-65	DPT	MW-09978	2/3/2015	Still in use	Gauging	845.66	845.62	44.81	2.2	1	44.5	801.2	9.81	44.81	9.5	44.8	836.2	800.8	35
TW-66	DPT	MW-09978	2/3/2015	Still in use	Gauging	820.18	820.31	29.70	2.7	1	24	796.2	9.70	29.70	4.0	29.6	816.2	790.6	20
TW-67	DPT	MW-09978	2/3/2015	Still in use	Gauging	852.88	852.71	26.31	2.7	1	27	825.9	6.31	26.31	7.0	26.5	845.9	826.4	20
TW-68	DPT	MW-09978	2/3/2015	Still in use	Gauging	846.59	846.45	29.96	2.2	1	27	819.6	9.96	29.96	7.0	30.1	839.6	816.5	20
TW-69	DPT	MW-09978	2/3/2015	Still in use	Gauging	840.38	840.27	51.91	2.2	1	50	790.4	11.91	51.91	10.0	52.0	830.4	788.4	40
TW-70	DPT	MW-09978	2/3/2015	Still in use	Gauging	842.07	841.95	45.05	2.2	1	43	799.1	10.05	45.05	8.0	45.2	834.1	796.9	35
TW-73	DPT	MW-09978	2/3/2015	Still in use	Gauging	850.60	850.53	16.00	2.7	1	16	834.6	6.00	16.00	6.0	16.1	844.6	834.5	10

Table 4. Well Construction Information

Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Length of Screen or Open (ft)
													Interval (ft BTOC)	Interval (ft BTOC)	Interval (ft amsl)	Interval (ft amsl)	Interval (ft amsl)		
TW-76	DPT	MW-10006	2/4/2015	Still in use	Gauging	852.53	852.44	43.62	2.7	1	43	809.5	8.62	43.62	8.0	43.7	844.5	808.8	35
TW-81	DPT	MW-10006	2/5/2015	Still in use	Gauging	849.48	849.43	7.00	2.2	1	7	842.5	2.00	7.00	2.0	7.0	847.5	842.4	5
TW-82	DPT	MW-10006	2/5/2015	Still in use	Gauging	849.83	849.64	10.00	2.2	1	10	839.8	2.00	10.00	2.0	10.2	847.8	839.6	8
TW-83	DPT	MW-10006	2/5/2015	Still in use	Gauging	850.54	850.44	17.00	2.2	1	17	833.5	2.00	17.00	2.0	17.1	848.5	833.4	15
TW-84	DPT	MW-10006	2/5/2015	Still in use	Gauging	851.38	851.22	13.50	2.2	1	13.5	837.9	3.50	13.50	3.5	13.7	847.9	837.7	10
TW-85	DPT	MW-10006	2/5/2015	Still in use	Gauging	843.64	843.49	39.00	2.7	1	39	804.6	9.00	39.00	9.0	39.2	834.6	804.5	30
TW-86	DPT	MW-10006	2/5/2015	Still in use	Gauging	853.28	853.10	6.00	2.2	1	6	847.3	2.00	6.00	2.0	6.2	851.3	847.1	4
TW-87	DPT	MW-10006	2/5/2015	Still in use	Gauging	852.33	852.25	7.00	2.2	1	7	845.3	2.00	7.00	2.0	7.1	850.3	845.3	5
TW-90	DPT	MW-10006	2/6/2015	Still in use	Gauging	845.48	845.43	46.50	2.7	1	46.5	799.0	6.50	46.50	6.5	46.6	839.0	798.9	40
TW-94	DPT	MW-10006	2/10/2015	Still in use	Gauging	840.75	840.58	40.00	2.7	1	40	800.8	5.00	40.00	5.0	40.2	835.8	800.6	35
TW-96	DPT	MW-10006	2/11/2015	Still in use	Gauging	840.52	840.40	30.00	2.7	1	30	810.5	5.00	30.00	5.0	30.1	835.5	810.4	25
Vertical Air Sparging Wells																			
VAS-01	Mobile B57 HSA	SCH03020469	7/28/2016	Still in use	Cupboard Creek Protection	853.269	NS	NA	8.50	2.00	32.20	NA	NA	NA	28.70	31.20	NA	NA	2.50
VAS-02	Mobile B57 HSA	SCH03020469	7/27/2016	Still in use	Cupboard Creek Protection	852.360	NS	NA	8.50	2.00	27.00	NA	NA	NA	23.50	26.00	NA	NA	2.50
VAS-03	Mobile B57 HSA	SCH03020469	7/27/2016	Still in use	Cupboard Creek Protection	852.132	NS	NA	8.50	2.00	18.30	NA	NA	NA	14.80	17.30	NA	NA	2.50
VAS-04	Geoprobe 8040 HSA	SCH03020469	8/4/2016	Still in use	Cupboard Creek Protection	852.056	NS	NA	8.50	2.00	16.70	NA	NA	NA	13.20	15.70	NA	NA	2.50
VAS-05	Mobile B57 HSA	SCH03020469	7/27/2016	Still in use	Cupboard Creek Protection	851.559	NS	NA	8.50	2.00	13.00	NA	NA	NA	9.50	12.00	NA	NA	2.50
VAS-06	Mobile B57 HSA	SCH03020469	7/26/2016	Still in use	Cupboard Creek Protection	851.612	NS	NA	8.50	2.00	14.40	NA	NA	NA	10.90	13.40	NA	NA	2.50
VAS-07	Mobile B57 HSA	SCH03020469	7/26/2016	Still in use	Cupboard Creek Protection	851.603	NS	NA	8.50	2.00	19.40	NA	NA	NA	15.90	18.40	NA	NA	2.50
VAS-08	Mobile B57 HSA	SCH03020469	7/25/2016	Still in use	Cupboard Creek Protection	851.583	NS	NA	8.50	2.00	22.00	NA	NA	NA	18.50	21.00	NA	NA	2.50
VAS-09	Mobile B57 HSA	SCH03020469	7/25/2016	Still in use	Cupboard Creek Protection	851.607	NS	NA	8.50	2.00	14.00	NA	NA	NA	10.50	13.00	NA	NA	2.50
VAS-10	Mobile B57 HSA	SCH03020469	7/25/2016	Still in use	Cupboard Creek Protection	851.411	NS	NA	8.50	2.00	16.10	NA	NA	NA	12.60	15.10	NA	NA	2.50
VAS-11	Mobile B57 HSA	SCH03020469	7/28/2016	Still in use	Cupboard Creek Protection	852.476	NS	NA	8.50	2.00	25.30	NA	NA	NA	21.80	24.30	NA	NA	2.50
VAS-12	Geoprobe 8040 HSA	SCH03020469	8/5/2016	Still in use	Cupboard Creek Protection	851.535	NS	NA	8.50	2.00	24.20	NA	NA	NA	20.70	23.20	NA	NA	2.50
VAS-13	Geoprobe 8040 HSA	SCH03020469	8/5/2016	Still in use	Cupboard Creek Protection	851.701	NS	NA	8.50	2.00	19.60	NA	NA	NA	16.10	18.60	NA	NA	2.50
VAS-14	Geoprobe 8040 HSA	SCH03020469	8/4/2016	Still in use	Cupboard Creek Protection	851.239	NS	NA	8.50	2.00	16.20	NA	NA	NA	12.70	15.20	NA	NA	2.50
VAS-15	Geoprobe 8040 HSA	SCH03020469	8/4/2016	Still in use	Cupboard Creek Protection	850.732	NS	NA	8.50	2.00	15.50	NA	NA	NA	12.00	14.50	NA	NA	2.50
VAS-16	Geoprobe 8040 HSA	SCH03020469	8/3/2016	Still in use	Cupboard Creek Protection	850.305	NS	NA	8.50	2.00	17.90	NA	NA	NA	14.40	16.90	NA	NA	2.50
VAS-17	Geoprobe 8040 HSA	SCH03020469	8/3/2016	Still in use	Cupboard Creek Protection	849.842	NS	NA	8.50	2.00	19.30	NA	NA	NA	15.80	18.30	NA	NA	2.50
VAS-18	Geoprobe 8040 HSA	SCH03020469	8/8/2016	Still in use	Cupboard Creek Protection	849.513	NS	NA	8.50	2.00	16.50	NA	NA	NA	13.00	15.50	NA	NA	2.50
VAS-19	Mobile B57 HSA	SCH03020469	7/26/2016	Still in use	Cupboard Creek Protection	850.465	NS	NA	8.50	2.00	17.20	NA	NA	NA	13.60	16.10	NA	NA	2.50
VAS-20	Mobile B57 HSA	SCH03020469	7/19/2016	Still in use	Brown's Creek Protection	827.789	NS	NA	8.50	2.00	47.60	NA	NA	NA	44.60	47.10	NA	NA	2.50
VAS-21	Mobile B57 HSA	SCH03020469	7/19/2016	Still in use	Brown's Creek Protection	826.304	NS	NA	8.50	2.00	53.50	NA	NA	NA	50.00	52.50	NA	NA	2.50
VAS-22	Mobile B57 HSA	SCH03020469	7/21/2016	Still in use	Brown's Creek Protection	827.394	NS	NA	8.50	2.00	57.00	NA	NA	NA	53.50	56.00	NA	NA	2.50
VAS-23	Mobile B57 HSA	SCH03020469	7/22/2016	Still in use	Brown's Creek Protection	827.211	NS	NA	8.50	2.00	49.50	NA	NA	NA	46.00	48.50	NA	NA	2.50
VAS-24	Mobile B57 HSA	SCH03020469	7/25/2016	Still in use	Brown's Creek Protection	826.803	NS	NA	8.50	2.00	58.50	NA	NA	NA	55.00	57.50	NA	NA	2.50
VAS-25	Mobile B57 HSA	SCH03020469	7/11/2016	Still in use	Brown's Creek Protection	826.411	NS	NA	8.50	2.00	54.00	NA	NA	NA	50.50	53.00	NA	NA	2.50
VAS-26	Mobile B57 HSA	SCH03020469	7/11/2016	Still in use	Brown's Creek Protection	825.180	NS	NA	8.50	2.00	55.00	NA	NA	NA	51.50	54.00	NA	NA	2.50
VAS-27	Mobile B57 HSA	SCH03020469	7/8/2016	Still in use	Brown's Creek Protection	826.369	NS	NA	8.50	2.00	54.00	NA	NA	NA	50.50	53.00	NA	NA	2.50
VAS-28	Mobile B57 HSA	SCH03020469	7/6/2016	Still in use	Brown's Creek Protection	828.930	NS	NA	8.50	2.00	23.10	NA	NA	NA	19.80	22.30	NA	NA	2.50
VAS-29	Mobile B57 HSA	SCH03020469	7/6/2016	Still in use	Brown's Creek Protection	832.025	NS	NA	8.50	2.00	27.50	NA	NA	NA	24.00	26.50	NA	NA	2.50
VAS-30	Mobile B57 HSA	SCH03020469	6/21/2016	Still in use	Brown's Creek Protection	831.485	NS	NA	8.50	2.00	52.90	NA	NA	NA	49.40	51.90	NA	NA	2.50
VAS-31	Mobile B57 HSA	SCH03020469	6/21/2016	Still in use	Brown's Creek Protection	828.337	NS	NA	8.50	2.00	42.00	NA	NA	NA	38.50	41.00	NA	NA	2.50
VAS-32	Mobile B57 HSA	SCH03020469	6/30/2016	Still in use	Brown's Creek Protection	836.257	NS	NA	8.50	2.00	43.00	NA	NA	NA	39.50	42.00	NA	NA	2.50
VAS-33	Mobile B57 HSA	SCH03020469	6/29/2016	Still in use	Brown's Creek Protection	840.900	NS	NA	8.50	2.00	52.60	NA	NA	NA	49.10	51.60	NA	NA	2.50
VAS-34	Mobile B57 HSA	SCH03020469	7/13/2016	Still in use	Brown's Creek Protection	836.585	NS	NA	8.50	2.00	53.50	NA	NA	NA	50.00	52.50	NA	NA	2.50



Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (In)	Well Dia (In)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open Borehole Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
VAS-35	Mobile B57 HSA	SCHED03020469	7/13/2016	Still in use	Brown's Creek Protection	831.212	NS	NA	8.50	2.00	40.00	NA	NA	NA	36.50	39.00	NA	NA	2.50
VAS-36	Mobile B57 HSA	SCHED03020469	7/7/2016	Still in use	Brown's Creek Protection	831.361	NS	NA	8.50	2.00	33.20	NA	NA	NA	29.70	32.20	NA	NA	2.50
VAS-37	Mobile B57 HSA	SCHED03020469	7/7/2016	Still in use	Brown's Creek Protection	832.454	NS	NA	8.50	2.00	16.50	NA	NA	NA	13.00	15.50	NA	NA	2.50
VAS-38	Mobile B57 HSA	SCHED03020469	7/6/2016	Still in use	Brown's Creek Protection	834.566	NS	NA	8.50	2.00	21.10	NA	NA	NA	16.60	19.10	NA	NA	2.50
VAS-39	Mobile B57 HSA	SCHED03020469	6/22/2016	Still in use	Brown's Creek Protection	835.956	NS	NA	8.50	2.00	42.40	NA	NA	NA	38.90	41.40	NA	NA	2.50
VAS-40	Mobile B57 HSA	SCHED03020469	6/23/2016	Still in use	Brown's Creek Protection	833.753	NS	NA	8.50	2.00	40.00	NA	NA	NA	36.50	39.00	NA	NA	2.50
VAS-41	Mobile B57 HSA	SCHED03020469	6/28/2016	Still in use	Brown's Creek Protection	845.071	NS	NA	8.50	2.00	27.80	NA	NA	NA	24.30	26.80	NA	NA	2.50
VAS-42A	Mobile B57 HSA	SCHED03020469	7/14/2016	Still in use	Brown's Creek Protection	845.304	NS	NA	8.50	2.00	39.30	NA	NA	NA	35.80	38.30	NA	NA	2.50
VAS-43A	Mobile B57 HSA	SCHED03020469	7/15/2016	Still in use	Brown's Creek Protection	843.078	NS	NA	8.50	2.00	66.50	NA	NA	NA	63.00	65.50	NA	NA	2.50
VAS-44A	Mobile B57 HSA	SCHED03020469	7/18/2016	Still in use	Brown's Creek Protection	838.353	NS	NA	8.50	2.00	72.50	NA	NA	NA	69.00	71.50	NA	NA	2.50
VAS-46	Mobile B57 HSA	SCHED03020469	6/24/2016	Still in use	Brown's Creek Protection	839.503	NS	NA	8.50	2.00	20.80	NA	NA	NA	18.00	20.50	NA	NA	2.50
Vertical Bedrock Sparging Wells																			
VBS-01	Hollow Stem Auger/Wire Line/Air Rotary	SCHED03020469M	1/28/2017	Still in use	Brown's Creek Protection	NS	NS	38.15	4.00	2.00	38.50	NA	NA	NA	34.50	38.50	NA	NA	2.00
VBS-02	Hollow Stem Auger/Wire Line/Air Rotary	SCHED03020469M	1/28/2017	Still in use	Brown's Creek Protection	NS	NS	31.05	4.00	2.00	31.00	NA	NA	NA	27.00	31.00	NA	NA	2.00
VBS-03	Hollow Stem Auger/Wire Line/Air Rotary	SCHED03020469M	1/27/2017	Still in use	Brown's Creek Protection	NS	NS	36.20	4.00	2.00	36.20	NA	NA	NA	32.20	36.20	NA	NA	2.00

Notes:  
 amsl = above mean sea level relative to North American Vertical Datum of 1988 (NAVD88). Benchmark is 34.8289659 degrees north, 82.3710354 degrees west (NAD83, 2011), elevation 929.1 ft NAVD88  
 bgs = below ground surface  
 BTOC = below top of casing  
 DPT = direct push  
 ft = feet  
 HSA = hollow-stem auger  
 In = inches  
 NA = not applicable  
 NS = location not surveyed  
 RNE = Refusal not encountered  
 TOC = top of casing

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-01	6/26/2017	-	5.64	-	853.07	847.43	-	-	-	-
	6/4/2017	-	6.22	-		846.85	-	-	-	-
MW-018	6/26/2017	-	7.92	-	852.99	845.07	-	-	-	-
	6/4/2017	-	7.90	-		845.09	-	-	-	-
MW-02	6/26/2017	-	1.82	-	841.04	839.22	-	-	-	-
	6/4/2017	-	2.44	-		838.60	-	-	-	-
MW-02B	6/26/2017	-	2.41	-	841.18	838.77	-	-	-	-
	6/4/2017	-	2.31	-		838.87	-	-	-	-
MW-03	6/26/2017	-	8.15	-	838.36	830.21	-	-	-	-
	6/4/2017	-	NM	-		-	-	-	-	-
MW-04	6/26/2017	-	8.21	-	844.42	836.21	-	-	-	-
	6/4/2017	-	7.90	-		836.52	-	-	-	-
MW-05	6/26/2017	-	14.52	-	851.11	836.59	-	-	-	-
	6/4/2017	-	14.90	-		836.21	-	-	-	-
MW-06	6/26/2017	-	14.85	-	852.92	838.07	-	-	-	-
	6/4/2017	-	15.55	-		837.37	-	-	-	-
MW-07	6/26/2017	-	12.73	-	853.02	840.29	-	-	-	-
	6/4/2017	-	12.68	-		840.34	-	-	-	-
MW-08	6/26/2017	-	8.25	-	844.72	836.47	-	-	-	-
	6/4/2017	-	8.90	-		835.82	-	-	-	-
MW-09	6/26/2017	-	2.30	-	843.63	841.33	-	-	-	-
	6/4/2017	-	2.66	-		840.97	-	-	-	-
MW-10	6/26/2017	-	9.60	-	845.41	835.81	-	-	-	-
	6/4/2017	-	9.33	-		836.08	-	-	-	-
MW-11	6/26/2017	-	28.26	-	855.63	827.37	-	-	-	-
	6/4/2017	28.72	28.73	0.01		826.90	826.91	-	-	-
MW-12	6/26/2017	-	13.29	-	834.53	821.24	-	-	-	-
	6/4/2017	-	13.70	-		820.83	-	-	-	-
MW-12B	6/26/2017	-	13.63	-	834.98	821.35	-	-	-	-
	6/4/2017	-	14.03	-		820.95	-	-	-	-
MW-13	6/26/2017	-	20.78	-	848.84	828.06	-	-	-	-
	6/4/2017	-	21.20	-		827.64	-	-	-	-
MW-13B	6/26/2017	-	21.30	-	849.82	828.52	-	-	-	-
	6/4/2017	-	21.58	-		828.24	-	-	-	-
MW-14	6/26/2017	-	16.51	-	838.70	822.19	-	-	-	-
	6/4/2017	-	16.52	-		822.18	-	-	-	-
MW-14B	6/26/2017	-	17.85	-	840.20	822.35	-	-	-	-

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
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*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-14B (cont'd)	6/4/2017	-	18.13	-		822.07	-	-	-	-
MW-15					831.03					
	6/26/2017	-	11.09	-		819.94	-	-	-	-
	6/4/2017	-	13.68	-		817.35	-	-	-	-
MW-15B					831.29					
	6/26/2017	-	15.78	-		815.51	-	-	-	-
	6/4/2017	-	15.56	-		815.73	-	-	-	-
MW-16					847.67					
	6/26/2017	-	8.71	-		838.96	-	-	-	-
	6/4/2017	9.26	9.30	0.04		838.37	838.39	-	-	-
MW-17					855.35					
	6/26/2017	-	10.82	-		844.53	-	-	-	-
	6/4/2017	-	10.82	-		844.53	-	-	-	-
MW-17B					855.37					
	6/26/2017	-	16.96	-		838.41	-	-	-	-
	6/4/2017	-	16.55	-		838.82	-	-	-	-
MW-18					846.89					
	6/26/2017	9.65	11.04	1.39		835.85	836.86	-	-	-
	6/4/2017	10.57	11.97	1.40		834.92	835.94	-	-	-
MW-19					853.94					
	6/26/2017	-	10.12	-		843.82	-	-	-	-
	6/4/2017	-	10.85	-		843.09	-	-	-	-
MW-20					852.89					
	6/26/2017	11.62	12.95	1.33		839.94	840.91	-	-	-
	6/4/2017	12.08	13.27	1.19		839.62	840.48	-	-	-
MW-21					855.77					
	6/26/2017	-	16.14	-		839.63	-	-	-	-
	6/4/2017	-	16.61	-		839.16	-	-	-	-
MW-22					854.60					
	6/26/2017	-	4.44	-		850.16	-	-	-	-
	6/4/2017	-	9.66	-		844.94	-	-	-	-
MW-23					849.57					
	6/26/2017	-	9.72	-		839.85	-	-	-	-
	6/4/2017	-	10.01	-		839.56	-	-	-	-
MW-23B					849.69					
	6/26/2017	-	11.50	-		838.19	-	-	-	-
	6/4/2017	-	11.93	-		837.76	-	-	-	-
MW-24					817.92					
	6/26/2017	-	4.51	-		813.41	-	-	-	-
	6/4/2017	-	4.49	-		813.43	-	-	-	-
MW-24B					818.72					
	6/26/2017	-	5.41	-		813.31	-	-	-	-
	6/4/2017	-	5.44	-		813.28	-	-	-	-
MW-25					826.18					
	6/26/2017	-	7.81	-		818.37	-	-	-	-
	6/4/2017	-	8.05	-		818.13	-	-	-	-
MW-25B					823.81					
	6/26/2017	-	4.85	-		818.96	-	-	-	-
	6/4/2017	-	5.01	-		818.80	-	-	-	-
MW-26					847.56					
	6/26/2017	-	4.93	-		842.63	-	-	-	-
	6/4/2017	-	5.14	-		842.42	-	-	-	-
MW-26B					847.81					
	6/26/2017	-	7.23	-		840.58	-	-	-	-
	6/4/2017	-	7.25	-		840.56	-	-	-	-
MW-27					854.11					

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Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-27 (cont'd)	6/26/2017	-	25.61	-		828.50	-	-	-	-
	6/4/2017	-	25.86	-		828.25	-	-	-	-
MW-27B					857.14					
	6/26/2017	-	29.95	-		827.19	-	-	-	-
	6/4/2017	-	30.37	-		826.77	-	-	-	-
MW-28					844.31					
	6/26/2017	-	22.63	-		821.68	-	-	-	-
	6/4/2017	-	22.52	-		821.79	-	-	-	-
MW-29					852.20					
	6/26/2017	-	7.68	-		844.52	-	-	-	-
	6/4/2017	-	7.71	-		844.49	-	-	-	-
MW-30					841.28					
	6/26/2017	-	12.06	-		829.22	-	-	-	-
	6/4/2017	-	11.79	-		829.49	-	-	-	-
MW-31					845.04					
	6/26/2017	-	17.75	-		827.29	-	-	-	-
	6/4/2017	-	17.75	-		827.29	-	-	-	-
MW-31B					844.94					
	6/26/2017	-	18.33	-		826.61	-	-	-	-
	6/4/2017	-	18.45	-		826.49	-	-	-	-
MW-32					842.93					
	6/26/2017	-	7.56	-		835.37	-	-	-	-
	6/4/2017	-	7.30	-		835.63	-	-	-	-
MW-33					849.20					
	6/26/2017	-	23.86	-		825.34	-	-	-	-
	6/4/2017	-	24.21	-		824.99	-	-	-	-
MW-33T					849.11					
	6/26/2017	-	25.49	-		823.62	-	-	-	-
	6/4/2017	-	25.75	-		823.36	-	-	-	-
MW-34					816.35					
	6/26/2017	-	7.43	-		808.92	-	-	-	-
	6/4/2017	-	NM	-		-	-	-	-	-
MW-35					829.40					
	6/26/2017	-	9.68	-		819.72	-	-	-	-
	6/4/2017	-	7.93	-		821.47	-	-	-	-
MW-36					858.47					
	6/29/2017	-	19.19	-		839.28	-	-	-	-
	6/26/2017	-	NM	-		-	-	-	-	-
	6/4/2017	-	19.80	-		838.67	-	-	-	-
MW-36B					858.15					
	6/29/2017	-	18.90	-		839.25	-	-	-	-
	6/26/2017	-	NM	-		-	-	-	-	-
	6/4/2017	-	19.48	-		838.67	-	-	-	-
MW-37					813.92					
	6/26/2017	-	3.42	-		810.50	-	-	-	-
	6/5/2017	-	3.46	-		810.46	-	-	-	-
	6/4/2017	-	NM	-		-	-	-	-	-
MW-38					813.28					
	6/26/2017	-	1.80	-		811.48	-	-	-	-
	6/5/2017	-	1.86	-		811.42	-	-	-	-
	6/4/2017	-	NM	-		-	-	-	-	-
MW-39					819.90					
	6/26/2017	-	4.13	-		815.77	-	-	-	-
	6/4/2017	-	4.85	-		815.05	-	-	-	-
MW-40					817.79					
	6/26/2017	-	2.03	-		815.76	-	-	-	-

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*Plantation Pipe Line Company*  
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*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-40 (cont'd)	6/4/2017	-	3.13	-		814.66	-	-	-	-
MW-41					819.68					
	6/26/2017	-	3.79	-		815.89	-	-	-	-
	6/4/2017	-	4.00	-		815.68	-	-	-	-
MW-42					820.33					
	6/26/2017	-	4.46	-		815.87	-	-	-	-
	6/4/2017	-	4.57	-		815.76	-	-	-	-
MW-44					853.67					
	6/26/2017	-	7.36	-		846.31	-	-	-	-
	6/4/2017	-	7.28	-		846.39	-	-	-	-
MW-44B					853.38					
	6/26/2017	-	12.45	-		840.93	-	-	-	-
	6/4/2017	-	12.54	-		840.84	-	-	-	-
MW-45					852.47					
	6/26/2017	-	13.38	-		839.09	-	-	-	-
	6/4/2017	-	13.48	-		838.99	-	-	-	-
MW-45B					852.85					
	6/26/2017	-	15.35	-		837.50	-	-	-	-
	6/4/2017	-	15.75	-		837.10	-	-	-	-
RS-01					849.13					
	6/29/2017	10.19	10.30	0.11		838.83	838.91	-	-	-
	6/22/2017	11.75	11.85	0.10		837.28	837.35	6/24/2017	12:25	12:36
	6/19/2017	11.00	11.49	0.49		837.64	838.00	6/21/2017	13:01	13:09
	6/15/2017	10.86	11.29	0.43		837.84	838.15	6/16/2017	13:08	13:16
	6/12/2017	10.68	11.05	0.37		838.08	838.35	-	-	-
	6/9/2017	10.52	10.81	0.29		838.32	838.53	-	-	-
	6/5/2017	10.57	10.81	0.24		838.32	838.50	-	-	-
	6/2/2017	11.01	11.24	0.23		837.89	838.06	-	-	-
RS-02					849.52					
	6/29/2017	9.47	9.74	0.27		839.78	839.98	-	-	-
	6/22/2017	10.22	10.46	0.24		839.06	839.24	6/24/2017	12:10	12:19
	6/19/2017	10.50	10.95	0.45		838.57	838.90	6/21/2017	13:13	13:21
	6/15/2017	10.25	10.64	0.39		838.88	839.16	-	-	-
	6/12/2017	9.96	10.30	0.34		839.22	839.47	-	-	-
	6/9/2017	9.74	10.00	0.26		839.52	839.71	-	-	-
	6/5/2017	10.06	10.30	0.24		839.22	839.40	-	-	-
	6/2/2017	9.99	10.17	0.18		839.35	839.48	-	-	-
RS-04					851.47					
	6/29/2017	-	9.68	-		841.79	-	6/29/2017	12:47	12:56
	6/22/2017	-	9.68	-		841.79	-	-	-	-
	6/19/2017	-	9.70	-		841.77	-	-	-	-
	6/15/2017	-	9.67	-		841.80	-	-	-	-
	6/12/2017	-	9.67	-		841.80	-	-	-	-
	6/9/2017	-	9.68	-		841.79	-	-	-	-
	6/5/2017	-	9.67	-		841.80	-	-	-	-
	6/2/2017	-	9.66	-		841.81	-	-	-	-
RS-05					848.31					
	6/29/2017	10.02	10.42	0.40		837.89	838.18	6/29/2017	12:32	12:39
	6/22/2017	10.67	11.07	0.40		837.24	837.53	6/24/2017	11:51	11:59
	6/19/2017	10.58	10.99	0.41		837.32	837.62	-	-	-
	6/15/2017	10.82	11.20	0.38		837.11	837.39	-	-	-
	6/12/2017	10.94	11.22	0.28		837.09	837.29	-	-	-
	6/9/2017	10.51	10.95	0.44		837.36	837.68	6/11/2017	11:30	11:43
	6/5/2017	10.30	10.62	0.32		837.69	837.92	-	-	-
	6/2/2017	10.73	11.06	0.33		837.25	837.49	-	-	-
RS-06					849.47					

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-06 (cont'd)	6/29/2017	10.59	10.65	0.06		838.82	838.86	-	-	-
	6/22/2017	11.26	11.45	0.19		838.02	838.16	-	-	-
	6/19/2017	11.18	11.41	0.23		838.06	838.23	-	-	-
	6/15/2017	11.27	11.51	0.24		837.96	838.14	-	-	-
	6/12/2017	11.20	11.39	0.19		838.08	838.22	-	-	-
	6/9/2017	11.16	11.38	0.22		838.09	838.25	-	-	-
	6/5/2017	11.17	11.35	0.18		838.12	838.25	-	-	-
	6/2/2017	10.95	11.03	0.08		838.44	838.50	-	-	-
RS-07					855.08			-	-	-
	6/29/2017	-	12.55	-		842.53	-	-	-	-
	6/22/2017	-	12.62	-		842.46	-	-	-	-
	6/19/2017	12.73	12.76	0.03		842.32	842.34	-	-	-
	6/15/2017	12.70	12.71	0.01		842.37	842.38	-	-	-
	6/12/2017	12.71	12.75	0.04		842.33	842.36	-	-	-
	6/9/2017	12.75	12.76	0.01		842.32	842.33	-	-	-
	6/5/2017	-	12.81	-		842.27	-	-	-	-
6/2/2017	-	12.91	-		842.17	-	-	-	-	
RS-08					854.00			-	-	-
	6/29/2017	12.81	12.99	0.18		841.01	841.14	-	-	-
	6/22/2017	12.95	13.15	0.20		840.85	841.00	-	-	-
	6/19/2017	13.10	13.35	0.25		840.65	840.83	-	-	-
	6/15/2017	13.07	13.25	0.18		840.75	840.88	-	-	-
	6/12/2017	13.10	13.28	0.18		840.72	840.85	-	-	-
	6/9/2017	13.03	13.25	0.22		840.75	840.91	-	-	-
	6/5/2017	13.18	13.34	0.16		840.66	840.78	-	-	-
6/2/2017	13.16	13.37	0.21		840.63	840.78	-	-	-	
RS-09					847.60			-	-	-
	6/29/2017	9.07	9.39	0.32		838.21	838.44	-	-	-
	6/22/2017	9.67	9.89	0.22		837.71	837.87	-	-	-
	6/19/2017	10.04	10.22	0.18		837.38	837.51	-	-	-
	6/15/2017	10.08	10.32	0.24		837.28	837.46	-	-	-
	6/12/2017	9.81	10.51	0.70		837.09	837.60	6/13/2017	15:38	15:46
	6/9/2017	9.38	9.90	0.52		837.70	838.08	-	-	-
	6/5/2017	9.30	9.48	0.18		838.12	838.25	-	-	-
6/2/2017	11.12	11.33	0.21		836.27	836.42	-	-	-	
RS-10					847.42			-	-	-
	6/29/2017	8.60	8.87	0.27		838.55	838.75	-	-	-
	6/22/2017	9.22	9.48	0.26		837.94	838.13	-	-	-
	6/19/2017	9.30	9.57	0.27		837.85	838.05	-	-	-
	6/15/2017	9.60	9.97	0.37		837.45	837.72	6/16/2017	13:22	13:29
	6/12/2017	9.41	9.73	0.32		837.69	837.92	-	-	-
	6/9/2017	9.05	9.40	0.35		838.02	838.28	-	-	-
	6/5/2017	9.73	10.06	0.33		837.36	837.60	-	-	-
6/2/2017	8.91	9.22	0.31		838.20	838.43	-	-	-	
RS-11					847.44			-	-	-
	6/29/2017	-	8.45	-		838.99	-	-	-	-
	6/22/2017	-	9.01	-		838.43	-	-	-	-
	6/19/2017	-	9.07	-		838.37	-	-	-	-
	6/15/2017	-	9.47	-		837.97	-	-	-	-
	6/12/2017	-	9.36	-		838.08	-	-	-	-
	6/9/2017	-	9.19	-		838.25	-	-	-	-
	6/5/2017	-	8.86	-		838.58	-	-	-	-
6/2/2017	-	8.49	-		838.95	-	-	-	-	
RS-12					847.74			-	-	-
	6/29/2017	8.77	8.80	0.03		838.94	838.96	-	-	-
	6/22/2017	9.33	9.34	0.01		838.40	838.41	-	-	-

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-12 (cont'd)	6/19/2017	9.38	9.40	0.02		838.34	838.35	-	-	-
	6/15/2017	9.77	9.81	0.04		837.93	837.96	-	-	-
	6/12/2017	9.68	9.72	0.04		838.02	838.05	-	-	-
	6/9/2017	9.51	9.53	0.02		838.21	838.22	-	-	-
	6/5/2017	9.18	9.21	0.03		838.53	838.55	-	-	-
	6/2/2017	8.78	8.81	0.03		838.93	838.95	-	-	-
RS-13					846.61			-	-	-
	6/29/2017	-	6.08	-		840.53	-	-	-	-
	6/22/2017	-	5.55	-		841.06	-	-	-	-
	6/19/2017	-	8.10	-		838.51	-	-	-	-
	6/15/2017	-	7.84	-		838.77	-	-	-	-
	6/12/2017	-	6.75	-		839.86	-	-	-	-
	6/9/2017	-	5.13	-		841.48	-	-	-	-
	6/5/2017	-	6.78	-		839.83	-	-	-	-
6/2/2017	-	7.90	-		838.71	-	-	-	-	
RS-14					845.97			-	-	-
	6/29/2017	4.79	4.87	0.08		841.10	841.16	-	-	-
	6/22/2017	4.47	4.53	0.06		841.44	841.48	-	-	-
	6/19/2017	6.20	6.28	0.08		839.69	839.75	-	-	-
	6/15/2017	5.72	5.81	0.09		840.16	840.23	-	-	-
	6/12/2017	5.10	5.20	0.10		840.77	840.84	-	-	-
	6/9/2017	4.32	4.40	0.08		841.57	841.63	-	-	-
	6/5/2017	5.13	5.20	0.07		840.77	840.82	-	-	-
6/2/2017	5.46	5.52	0.06		840.45	840.49	-	-	-	
RS-15					846.41			-	-	-
	6/29/2017	5.32	5.35	0.03		841.06	841.08	-	-	-
	6/22/2017	6.31	6.33	0.02		840.08	840.09	-	-	-
	6/19/2017	6.38	6.40	0.02		840.01	840.02	-	-	-
	6/15/2017	6.06	6.08	0.02		840.33	840.34	-	-	-
	6/12/2017	5.67	5.70	0.03		840.71	840.73	-	-	-
	6/9/2017	5.09	5.12	0.03		841.29	841.31	-	-	-
	6/5/2017	5.60	5.62	0.02		840.79	840.80	-	-	-
6/2/2017	5.78	5.80	0.02		840.61	840.62	-	-	-	
RS-16					845.44			-	-	-
	6/29/2017	-	4.00	-		841.44	-	-	-	-
	6/22/2017	-	3.61	-		841.83	-	-	-	-
	6/19/2017	-	5.38	-		840.06	-	-	-	-
	6/15/2017	-	4.87	-		840.57	-	-	-	-
	6/12/2017	-	4.25	-		841.19	-	-	-	-
	6/9/2017	-	3.50	-		841.94	-	-	-	-
	6/5/2017	-	4.24	-		841.20	-	-	-	-
6/2/2017	-	4.23	-		841.21	-	-	-	-	
RS-17					844.22			-	-	-
	6/29/2017	-	3.45	-		840.77	-	-	-	-
	6/22/2017	-	2.83	-		841.39	-	-	-	-
	6/19/2017	-	4.85	-		839.37	-	-	-	-
	6/15/2017	-	4.27	-		839.95	-	-	-	-
	6/12/2017	-	3.69	-		840.53	-	-	-	-
	6/9/2017	-	1.26	-		842.96	-	-	-	-
	6/5/2017	-	3.75	-		840.47	-	-	-	-
6/2/2017	-	4.99	-		839.23	-	-	-	-	
RS-18					847.89			-	-	-
	6/29/2017	9.60	9.77	0.17		838.12	838.24	-	-	-
	6/22/2017	9.52	9.72	0.20		838.17	838.32	-	-	-
	6/19/2017	10.55	10.75	0.20		837.14	837.29	-	-	-
6/15/2017	10.52	10.75	0.23		837.14	837.31	-	-	-	

**Table 5. Groundwater Elevation and Product Thickness Data**  
**Plantation Pipe Line Company**  
**Lewis Drive Remediation, Belton, South Carolina**  
**Site ID #18693 "Kinder Morgan Belton Pipeline Release"**

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-18 (cont'd)	6/12/2017	10.30	10.51	0.21		837.38	837.53	-	-	-
	6/9/2017	9.98	10.04	0.06		837.85	837.89	-	-	-
	6/5/2017	9.77	9.94	0.17		837.95	838.07	-	-	-
	6/2/2017	11.82	12.01	0.19		835.88	836.02	-	-	-
RS-19					850.40			-	-	-
	6/29/2017	-	NM	-		-	-	-	-	-
	6/22/2017	-	NM	-		-	-	-	-	-
	6/19/2017	-	NM	-		-	-	-	-	-
	6/15/2017	-	NM	-		-	-	-	-	-
	6/12/2017	-	NM	-		-	-	-	-	-
	6/9/2017	-	NM	-		-	-	-	-	-
	6/5/2017	-	NM	-		-	-	-	-	-
6/2/2017	-	NM	-		-	-	-	-	-	
RS-20					842.69			-	-	-
	6/29/2017	-	4.43	-		838.26	-	-	-	-
	6/22/2017	-	4.59	-		838.10	-	-	-	-
	6/19/2017	-	5.39	-		837.30	-	-	-	-
	6/15/2017	-	5.21	-		837.48	-	-	-	-
	6/12/2017	-	4.78	-		837.91	-	-	-	-
	6/9/2017	-	4.12	-		838.57	-	-	-	-
	6/5/2017	-	4.34	-		838.35	-	-	-	-
6/2/2017	-	5.11	-		837.58	-	-	-	-	
RT-1A					854.06			-	-	-
	6/29/2017	13.69	13.75	0.06		840.31	840.35	6/29/2017	13:15	13:23
	6/22/2017	13.49	13.52	0.03		840.54	840.56	6/24/2017	13:08	13:15
	6/19/2017	13.76	13.88	0.12		840.18	840.27	6/21/2017	12:21	12:26
	6/15/2017	13.65	13.69	0.04		840.37	840.40	6/16/2017	13:44	13:49
	6/12/2017	13.86	13.95	0.09		840.11	840.18	6/13/2017	15:10	15:16
	6/9/2017	13.74	13.86	0.12		840.20	840.29	6/11/2017	12:13	12:17
	6/5/2017	13.80	13.82	0.02		840.24	840.25	6/5/2017	14:19	14:23
	6/2/2017	13.88	13.93	0.05		840.13	840.17	6/2/2017	14:51	14:54
	RT-1B					854.15			-	-
6/29/2017		13.65	13.70	0.05		840.45	840.49	6/29/2017	13:24	13:32
6/22/2017		13.46	13.48	0.02		840.67	840.68	6/24/2017	13:16	13:23
6/19/2017		13.71	13.83	0.12		840.32	840.41	6/21/2017	12:26	12:31
6/15/2017		13.61	13.65	0.04		840.50	840.53	6/16/2017	13:49	13:54
6/12/2017		13.82	13.92	0.10		840.23	840.30	6/13/2017	15:17	15:23
6/9/2017		13.69	13.81	0.12		840.34	840.43	6/11/2017	12:18	12:22
6/5/2017		13.76	13.79	0.03		840.36	840.38	6/5/2017	14:24	14:28
6/2/2017		13.83	13.88	0.05		840.27	840.31	6/2/2017	14:55	14:58
RT-1C						854.55			-	-
	6/29/2017	14.08	14.14	0.06		840.41	840.45	6/29/2017	13:33	13:41
	6/22/2017	13.88	13.91	0.03		840.64	840.66	6/24/2017	13:24	13:31
	6/19/2017	14.18	14.28	0.10		840.27	840.34	6/21/2017	12:31	12:36
	6/15/2017	14.03	14.08	0.05		840.47	840.51	6/16/2017	13:54	13:59
	6/12/2017	14.27	14.36	0.09		840.19	840.26	6/13/2017	15:24	15:30
	6/9/2017	14.14	14.25	0.11		840.30	840.38	6/11/2017	12:23	12:27
	6/5/2017	14.19	14.21	0.02		840.34	840.35	6/5/2017	14:29	14:32
	6/2/2017	14.27	14.32	0.05		840.23	840.27	6/2/2017	14:59	15:02
RT-2A					817.48			-	-	-
	6/29/2017	-	0.95	-		816.53	-	-	-	-
	6/22/2017	-	0.80	-		816.68	-	6/24/2017	10:46	10:51
	6/19/2017	-	1.04	-		816.44	-	6/21/2017	10:51	10:54
	6/15/2017	-	1.09	-		816.39	-	6/16/2017	11:59	12:03
	6/12/2017	-	0.70	-		816.78	-	-	-	-
	6/9/2017	-	0.48	-		817.00	-	-	-	-



**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2A (cont'd)	6/5/2017	-	1.00	-		816.48	-	6/5/2017	11:30	11:36
	6/2/2017	-	0.88	-		816.60	-	-	-	-
RT-2B					817.61					
	6/29/2017	-	1.02	-		816.59	-	-	-	-
	6/22/2017	-	0.88	-		816.73	-	6/24/2017	10:36	10:40
	6/19/2017	-	1.12	-		816.49	-	6/21/2017	10:44	10:47
	6/15/2017	-	1.17	-		816.44	-	6/16/2017	11:54	11:58
	6/12/2017	-	1.11	-		816.50	-	6/13/2017	11:40	11:45
	6/9/2017	-	0.50	-		817.11	-	6/11/2017	10:28	10:33
	6/5/2017	-	1.11	-		816.50	-	6/5/2017	11:17	11:22
	6/2/2017	-	0.98	-		816.63	-	6/2/2017	13:59	14:08
RT-2C					818.06					
	6/29/2017	-	1.48	-		816.58	-	-	-	-
	6/22/2017	1.39	1.40	0.01		816.66	816.67	6/24/2017	10:29	10:31
	6/19/2017	-	1.59	-		816.47	-	6/21/2017	10:39	10:41
	6/15/2017	-	1.66	-		816.40	-	6/16/2017	11:48	11:51
	6/12/2017	-	1.57	-		816.49	-	6/13/2017	11:30	11:35
	6/9/2017	-	1.40	-		816.66	-	6/11/2017	10:18	10:24
	6/5/2017	-	1.56	-		816.50	-	6/5/2017	10:59	11:06
6/2/2017	-	1.43	-		816.63	-	6/2/2017	13:52	13:57	
RT-2D					818.12					
	6/29/2017	-	1.57	-		816.55	-	6/29/2017	11:10	11:15
	6/22/2017	-	1.46	-		816.66	-	6/24/2017	10:22	10:26
	6/19/2017	-	1.70	-		816.42	-	6/21/2017	10:30	10:34
	6/15/2017	-	1.71	-		816.41	-	6/16/2017	11:40	11:43
	6/12/2017	-	1.56	-		816.56	-	6/13/2017	11:17	11:22
	6/9/2017	-	1.57	-		816.55	-	6/11/2017	10:09	10:13
	6/5/2017	-	1.65	-		816.47	-	6/5/2017	10:50	10:56
6/2/2017	-	1.52	-		816.60	-	6/2/2017	13:44	13:49	
RT-2E					818.25					
	6/29/2017	-	1.68	-		816.57	-	6/29/2017	11:01	11:06
	6/22/2017	-	1.58	-		816.67	-	6/24/2017	10:15	10:19
	6/19/2017	-	1.79	-		816.46	-	6/21/2017	10:23	10:27
	6/15/2017	-	1.81	-		816.44	-	6/16/2017	11:33	11:37
	6/12/2017	-	1.72	-		816.53	-	6/13/2017	10:52	11:00
	6/9/2017	-	1.48	-		816.77	-	6/11/2017	10:01	10:06
	6/5/2017	-	1.76	-		816.49	-	6/5/2017	10:40	10:46
6/2/2017	-	1.63	-		816.62	-	6/2/2017	13:37	13:41	
RT-2F					818.57					
	6/29/2017	-	2.01	-		816.56	-	6/29/2017	10:51	10:55
	6/22/2017	-	1.90	-		816.67	-	6/24/2017	10:07	10:10
	6/19/2017	-	2.11	-		816.46	-	6/21/2017	10:16	10:20
	6/15/2017	-	2.17	-		816.40	-	6/16/2017	11:26	11:30
	6/12/2017	-	2.04	-		816.53	-	6/13/2017	10:41	10:48
	6/9/2017	-	1.92	-		816.65	-	6/11/2017	9:52	9:58
	6/5/2017	-	2.08	-		816.49	-	6/5/2017	10:32	10:37
6/2/2017	-	1.99	-		816.58	-	-	-	-	
RT-2G					820.07					
	6/29/2017	-	1.70	-		818.37	-	6/29/2017	10:42	10:48
	6/22/2017	-	2.79	-		817.28	-	6/24/2017	9:58	10:02
	6/19/2017	-	2.26	-		817.81	-	6/21/2017	10:11	10:14
	6/15/2017	-	2.91	-		817.16	-	6/16/2017	11:18	11:21
	6/12/2017	-	2.28	-		817.79	-	6/13/2017	10:26	10:32
	6/9/2017	-	0.98	-		819.09	-	-	-	-
	6/5/2017	-	2.81	-		817.26	-	6/5/2017	10:25	10:30
6/2/2017	-	0.96	-		819.11	-	6/2/2017	12:51	12:56	

**Table 5. Groundwater Elevation and Product Thickness Data**

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2H					822.17					
	6/29/2017	-	NM	-		-	-	-	-	-
	6/22/2017	-	NM	-		-	-	-	-	-
	6/19/2017	-	NM	-		-	-	-	-	-
	6/15/2017	-	NM	-		-	-	-	-	-
	6/12/2017	-	NM	-		-	-	-	-	-
	6/9/2017	-	NM	-		-	-	-	-	-
	6/5/2017	-	NM	-		-	-	-	-	-
6/2/2017	-	NM	-		-	-	-	-	-	
RT-2I					819.51					
	6/29/2017	-	1.78	-		817.73	-	6/29/2017	10:07	10:13
	6/22/2017	-	2.95	-		816.56	-	6/24/2017	9:18	9:22
	6/19/2017	-	2.67	-		816.84	-	6/21/2017	9:39	9:42
	6/15/2017	-	3.01	-		816.50	-	6/16/2017	10:45	10:48
	6/12/2017	-	2.72	-		816.79	-	6/13/2017	9:31	9:40
	6/9/2017	-	2.13	-		817.38	-	6/11/2017	9:16	9:20
	6/5/2017	-	2.97	-		816.54	-	6/5/2017	12:31	12:36
6/2/2017	-	1.97	-		817.54	-	6/2/2017	12:13	12:18	
RT-2J					817.63					
	6/29/2017	1.39	1.40	0.01		816.23	816.24	6/29/2017	10:15	10:20
	6/22/2017	-	1.52	-		816.11	-	6/24/2017	9:24	9:28
	6/19/2017	-	1.50	-		816.13	-	6/21/2017	9:47	9:51
	6/15/2017	2.51	2.52	0.01		815.11	815.12	6/16/2017	10:50	10:54
	6/12/2017	-	1.26	-		816.37	-	6/13/2017	9:43	9:51
	6/9/2017	-	0.50	-		817.13	-	6/11/2017	9:22	9:30
	6/5/2017	1.50	1.51	0.01		816.12	816.13	6/5/2017	12:40	12:45
6/2/2017	1.16	1.17	0.01		816.46	816.47	6/2/2017	12:21	12:26	
RT-2K					817.40					
	6/29/2017	-	2.65	-		814.75	-	6/29/2017	10:22	10:27
	6/22/2017	-	3.07	-		814.33	-	6/24/2017	9:30	9:34
	6/19/2017	-	2.34	-		815.06	-	6/21/2017	9:55	9:59
	6/15/2017	-	2.59	-		814.81	-	6/16/2017	10:56	10:59
	6/12/2017	1.21	1.25	0.04		816.15	816.18	6/13/2017	9:58	10:05
	6/9/2017	-	2.39	-		815.01	-	6/11/2017	9:33	9:40
	6/5/2017	0.85	0.87	0.02		816.53	816.54	6/5/2017	12:50	12:56
6/2/2017	0.98	1.00	0.02		816.40	816.41	6/2/2017	12:30	12:36	
RT-2L					819.54					
	6/29/2017	2.17	2.23	0.06		817.31	817.35	6/29/2017	10:30	10:34
	6/22/2017	2.81	2.86	0.05		816.68	816.72	6/24/2017	9:39	9:41
	6/19/2017	2.32	2.33	0.01		817.21	817.22	6/21/2017	10:01	10:04
	6/15/2017	2.42	2.49	0.07		817.05	817.10	6/16/2017	11:06	11:10
	6/12/2017	2.28	2.31	0.03		817.23	817.25	6/13/2017	10:00	10:15
	6/9/2017	2.15	2.21	0.06		817.33	817.37	6/11/2017	9:44	9:48
	6/5/2017	-	2.10	-		817.44	-	6/5/2017	13:03	13:08
6/2/2017	-	1.97	-		817.57	-	6/2/2017	12:40	12:46	
RW-01					851.92					
	6/29/2017	-	12.27	-		839.65	-	-	-	-
	6/22/2017	-	12.17	-		839.75	-	-	-	-
	6/19/2017	-	12.56	-		839.36	-	-	-	-
	6/15/2017	-	12.04	-		839.88	-	-	-	-
	6/12/2017	-	12.81	-		839.11	-	-	-	-
	6/9/2017	-	12.83	-		839.09	-	-	-	-
	6/5/2017	-	11.72	-		840.20	-	-	-	-
6/2/2017	-	11.77	-		840.15	-	-	-	-	
RW-02	6/29/2017	21.03	21.26	0.23	852.69	831.43	831.60	-	-	-

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-02 (cont'd)	6/22/2017	21.34	21.62	0.28		831.07	831.27	-	-	-
	6/19/2017	21.47	21.81	0.34		830.88	831.13	-	-	-
	6/15/2017	21.37	21.67	0.30		831.02	831.24	-	-	-
	6/12/2017	21.28	21.50	0.22		831.19	831.35	-	-	-
	6/9/2017	21.26	21.48	0.22		831.21	831.37	-	-	-
	6/5/2017	21.38	21.60	0.22		831.09	831.25	-	-	-
	6/2/2017	21.50	21.73	0.23		830.96	831.13	-	-	-
RW-03				852.34						
	6/29/2017	-	21.72	-		830.62	-	-	-	-
	6/22/2017	-	22.01	-		830.33	-	-	-	-
	6/19/2017	-	22.10	-		830.24	-	-	-	-
	6/15/2017	-	22.00	-		830.34	-	-	-	-
	6/12/2017	-	21.98	-		830.36	-	-	-	-
	6/9/2017	-	22.30	-		830.04	-	-	-	-
	6/5/2017	-	22.05	-		830.29	-	-	-	-
	6/2/2017	-	22.19	-		830.15	-	-	-	-
RW-04					853.93					
	6/29/2017	28.05	28.56	0.51		825.37	825.74	-	-	-
	6/22/2017	28.23	28.71	0.48		825.22	825.57	6/24/2017	11:31	11:39
	6/19/2017	28.21	28.64	0.43		825.29	825.61	6/21/2017	11:47	11:56
	6/15/2017	28.28	28.62	0.34		825.31	825.56	6/16/2017	12:36	12:43
	6/12/2017	28.28	28.70	0.42		825.23	825.54	6/13/2017	14:09	14:20
	6/9/2017	28.32	28.99	0.67		824.94	825.43	6/11/2017	11:15	11:26
	6/5/2017	28.34	29.27	0.93		824.66	825.34	6/5/2017	13:57	14:10
	6/2/2017	28.52	29.36	0.84		824.57	825.19	6/2/2017	14:35	14:39
RW-05					853.53					
	6/29/2017	31.93	32.73	0.80		820.80	821.39	-	-	-
	6/22/2017	32.11	32.72	0.61		820.81	821.26	6/24/2017	11:17	11:22
	6/19/2017	32.17	32.75	0.58		820.78	821.21	6/21/2017	11:25	11:38
	6/15/2017	32.13	32.59	0.46		820.94	821.28	-	-	-
	6/12/2017	32.24	32.65	0.41		820.88	821.18	-	-	-
	6/9/2017	32.33	32.71	0.38		820.82	821.10	-	-	-
	6/5/2017	32.22	32.45	0.23		821.08	821.25	-	-	-
	6/2/2017	32.42	32.66	0.24		820.87	821.05	-	-	-
RW-06					846.21					
	6/29/2017	26.19	26.20	0.01		820.01	820.02	-	-	-
	6/22/2017	26.48	26.49	0.01		819.72	819.73	-	-	-
	6/19/2017	-	26.30	-		819.91	-	-	-	-
	6/15/2017	-	26.37	-		819.84	-	-	-	-
	6/12/2017	-	26.31	-		819.90	-	-	-	-
	6/9/2017	-	26.28	-		819.93	-	-	-	-
	6/5/2017	-	26.34	-		819.87	-	-	-	-
	6/2/2017	-	26.26	-		819.95	-	-	-	-
RW-07					843.19					
	6/29/2017	22.85	23.09	0.24		820.10	820.28	-	-	-
	6/22/2017	22.92	23.44	0.52		819.75	820.13	6/24/2017	11:01	11:11
	6/19/2017	22.76	23.32	0.56		819.87	820.28	6/21/2017	11:06	11:17
	6/15/2017	22.92	23.60	0.68		819.59	820.09	6/16/2017	12:18	12:27
	6/12/2017	22.66	23.10	0.44		820.09	820.41	6/13/2017	12:35	13:18
	6/9/2017	22.42	22.92	0.50		820.27	820.64	6/11/2017	10:45	11:01
	6/5/2017	22.84	23.44	0.60		819.75	820.19	6/5/2017	13:35	13:46
	6/2/2017	22.38	23.13	0.75		820.06	820.61	6/2/2017	14:17	14:27
RW-08					835.48					
	6/29/2017	16.42	16.43	0.01		819.05	819.06	-	-	-
	6/22/2017	16.89	16.90	0.01		818.58	818.59	-	-	-
	6/19/2017	16.24	16.25	0.01		819.23	819.24	-	-	-

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-08 (cont'd)	6/15/2017	-	16.77	-		818.71	-	-	-	-
	6/12/2017	-	15.96	-		819.52	-	-	-	-
	6/9/2017	-	15.48	-		820.00	-	-	-	-
	6/5/2017	-	16.51	-		818.97	-	-	-	-
	6/2/2017	-	15.48	-		820.00	-	-	-	-
RW-09					835.12					
	6/29/2017	13.53	13.54	0.01		821.58	821.59	-	-	-
	6/22/2017	13.52	13.54	0.02		821.58	821.60	-	-	-
	6/19/2017	13.51	13.52	0.01		821.60	821.61	-	-	-
	6/15/2017	16.62	16.63	0.01		818.49	818.50	-	-	-
	6/12/2017	-	13.17	-		821.95	-	6/13/2017	13:30	13:40
	6/9/2017	12.70	12.71	0.01		822.41	822.42	-	-	-
	6/5/2017	-	13.51	-		821.61	-	-	-	-
6/2/2017	12.70	12.71	0.01		822.41	822.42	-	-	-	
RW-10					848.53					
	6/29/2017	11.65	11.73	0.08		836.80	836.86	-	-	-
	6/22/2017	11.99	12.75	0.76		835.78	836.34	-	-	-
	6/19/2017	12.39	12.72	0.33		835.81	836.05	-	-	-
	6/15/2017	12.78	12.99	0.21		835.54	835.70	-	-	-
	6/12/2017	12.71	12.85	0.14		835.68	835.78	-	-	-
	6/9/2017	12.47	12.53	0.06		836.00	836.05	-	-	-
	6/5/2017	12.07	12.08	0.01		836.45	836.46	-	-	-
6/2/2017	10.63	10.64	0.01		837.89	837.90	-	-	-	
RW-11					852.97					
	6/29/2017	11.52	11.63	0.11		841.34	841.42	-	-	-
	6/22/2017	11.62	11.79	0.17		841.18	841.30	-	-	-
	6/19/2017	11.16	11.47	0.31		841.50	841.72	-	-	-
	6/15/2017	11.40	11.77	0.37		841.20	841.47	-	-	-
	6/12/2017	11.20	11.49	0.29		841.48	841.69	-	-	-
	6/9/2017	11.16	11.45	0.29		841.52	841.73	-	-	-
	6/5/2017	11.43	11.67	0.24		841.30	841.47	-	-	-
6/2/2017	11.49	11.61	0.12		841.36	841.45	-	-	-	
RW-12					852.75					
	6/29/2017	-	13.19	-		839.56	-	-	-	-
	6/22/2017	-	13.15	-		839.60	-	-	-	-
	6/19/2017	-	13.35	-		839.40	-	-	-	-
	6/15/2017	-	13.19	-		839.56	-	-	-	-
	6/12/2017	-	13.24	-		839.51	-	-	-	-
	6/9/2017	-	13.20	-		839.55	-	-	-	-
	6/5/2017	-	13.28	-		839.47	-	-	-	-
6/2/2017	-	13.29	-		839.46	-	-	-	-	
RW-13					847.97					
	6/29/2017	-	NM	-		-	-	-	-	-
	6/22/2017	-	NM	-		-	-	-	-	-
	6/19/2017	-	NM	-		-	-	-	-	-
	6/15/2017	-	NM	-		-	-	-	-	-
	6/12/2017	-	NM	-		-	-	-	-	-
	6/9/2017	-	19.18	-		828.79	-	-	-	-
	6/5/2017	-	7.25	-		840.72	-	-	-	-
6/2/2017	-	4.20	-		843.77	-	-	-	-	
RW-14					827.54					
	6/29/2017	-	11.94	-		815.60	-	-	-	-
	6/22/2017	-	9.32	-		818.22	-	-	-	-
	6/19/2017	-	NM	-		-	-	-	-	-
	6/15/2017	-	11.95	-		815.59	-	-	-	-
6/12/2017	-	12.68	-		814.86	-	-	-	-	

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-14 (cont'd)	6/9/2017	-	9.12	-	-	818.42	-	-	-	-
	6/5/2017	-	12.03	-	-	815.51	-	-	-	-
	6/2/2017	-	7.80	-	-	819.74	-	-	-	-
RW-15				851.64						
	6/29/2017	-	13.57	-	-	838.07	-	-	-	-
	6/22/2017	-	14.00	-	-	837.64	-	-	-	-
	6/19/2017	14.10	14.11	0.01	-	837.53	837.53	-	-	-
	6/15/2017	14.16	14.17	0.01	-	837.47	837.47	-	-	-
	6/12/2017	-	14.11	-	-	837.53	-	-	-	-
	6/9/2017	-	12.13	-	-	839.51	-	-	-	-
	6/5/2017	-	14.23	-	-	837.41	-	-	-	-
	6/2/2017	-	14.15	-	-	837.49	-	-	-	-
SW-01					812.82					
	6/4/2017	-	(0.98)	-	-	813.80	-	-	-	-
SW-02					808.65					
	6/4/2017	-	(1.57)	-	-	810.22	-	-	-	-
SW-03					815.09					
	6/4/2017	-	(1.74)	-	-	816.83	-	-	-	-
SW-05					838.75					
	6/4/2017	-	NM	-	-	-	-	-	-	-
SW-08					802.04					
	6/9/2017	-	(1.07)	-	-	803.11	-	-	-	-
	6/4/2017	-	NM	-	-	-	-	-	-	-
SW-10					778.09					
	6/9/2017	-	(0.30)	-	-	778.39	-	-	-	-
	6/4/2017	-	NM	-	-	-	-	-	-	-
TW-04R					852.64					
	6/4/2017	-	4.01	-	-	848.63	-	-	-	-
TW-05R					849.93					
	6/4/2017	-	5.70	-	-	844.23	-	-	-	-
TW-14R					853.37					
	6/4/2017	-	4.53	-	-	848.84	-	-	-	-
TW-15R					850.62					
	6/4/2017	-	2.91	-	-	847.71	-	-	-	-
TW-21					849.70					
	6/4/2017	-	2.65	-	-	847.05	-	-	-	-
TW-28					851.42					
	6/4/2017	21.59	22.35	0.76	-	829.07	829.63	-	-	-
TW-30					851.81					
	6/4/2017	-	20.40	-	-	831.41	-	-	-	-
TW-34					854.79					
	6/4/2017	-	22.25	-	-	832.54	-	-	-	-
TW-35					854.10					
	6/4/2017	-	22.71	-	-	831.39	-	-	-	-
TW-40					853.35					
	6/4/2017	-	28.48	-	-	824.87	-	-	-	-
TW-41					849.38					
	6/4/2017	-	26.70	-	-	822.68	-	-	-	-
TW-42					846.84					
	6/4/2017	25.14	26.30	1.16	-	820.54	821.39	-	-	-
TW-45					848.31					
	6/4/2017	26.85	27.20	0.35	-	821.11	821.36	-	-	-
TW-46					846.88					
	6/4/2017	-	NM	-	-	-	-	-	-	-
TW-55					845.93					
	6/26/2017	-	5.04	-	-	840.89	-	-	-	-

**Table 5. Groundwater Elevation and Product Thickness Data**  
*Plantation Pipe Line Company*  
*Lewis Drive Remediation, Belton, South Carolina*  
*Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-55 (cont'd)	6/4/2017	-	4.95	-		840.98	-	-	-	-
TW-59					834.78					
	6/26/2017	-	13.47	-		821.31	-	-	-	-
	6/4/2017	-	13.71	-		821.07	-	-	-	-
TW-60					828.03					
	6/26/2017	-	NM	-		-	-	-	-	-
	6/4/2017	-	9.40	-		818.63	-	-	-	-
TW-64					845.88					
	6/4/2017	-	15.55	-		830.33	-	-	-	-
TW-65					845.62					
	6/4/2017	-	20.35	-		825.27	-	-	-	-
TW-66					820.31					
	6/26/2017	-	1.00	-		819.31	-	-	-	-
	6/4/2017	-	1.75	-		818.56	-	-	-	-
TW-67					852.71					
	6/26/2017	-	11.76	-		840.95	-	-	-	-
	6/4/2017	-	12.47	-		840.24	-	-	-	-
TW-68					846.45					
	6/4/2017	-	22.41	-		824.04	-	-	-	-
TW-69					840.27					
	6/4/2017	-	12.06	-		828.21	-	-	-	-
TW-70					841.95					
	6/4/2017	-	17.69	-		824.26	-	-	-	-
TW-73					850.53					
	6/26/2017	-	6.41	-		844.12	-	-	-	-
	6/4/2017	-	6.18	-		844.35	-	-	-	-
TW-76					852.44					
	6/4/2017	-	14.76	-		837.68	-	-	-	-
TW-81					849.43					
	6/4/2017	-	2.75	-		846.68	-	-	-	-
TW-82					849.64					
	6/4/2017	-	2.50	-		847.14	-	-	-	-
TW-83					850.44					
	6/4/2017	-	3.25	-		847.19	-	-	-	-
TW-84					851.22					
	6/4/2017	3.74	3.75	0.01		847.47	847.47	-	-	-
TW-85					843.49					
	6/4/2017	-	8.61	-		834.88	-	-	-	-
TW-86					853.10					
	6/4/2017	-	4.94	-		848.16	-	-	-	-
TW-87					852.25					
	6/4/2017	-	4.95	-		847.30	-	-	-	-
TW-90					845.43					
	6/4/2017	-	11.27	-		834.16	-	-	-	-
TW-94					840.58					
	6/4/2017	-	1.70	-		838.88	-	-	-	-
TW-96					840.40					
	6/26/2017	-	NM	-		-	-	-	-	-
	6/4/2017	-	5.35	-		835.05	-	-	-	-

Notes:

1. Elevation of zero mark (ft amsl) for surface water staff gauges
2. "RS-" and "RT-" features were trimmed to less than 12 inches above ground surface on 3/14/2017. Only the resurveyed top of casing elevation after trimming is displayed. Groundwater elevation calculations are based on the true top of casing elevation at the time of gauging.
3. Calculated based on an oil:water density ratio of 0.73

**Bold indicates the gauged product thickness was greater than 0.5 feet.**

amsl = above mean sea level

**Table 5. Groundwater Elevation and Product Thickness Data**

*Plantation Pipe Line Company*

*Lewis Drive Remediation, Belton, South Carolina*

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation <sup>1,2</sup> (ft amsl)	Groundwater Elevation (ft amsl)	Corrected <sup>3</sup> Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
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BTOC = below top of casing

DRY = well contained no measurable water or product

ft = feet

ID = identification

NM = not measured. The following features are no longer reliable for calculating

- RS-19 was damaged on or about January 20, 2017.
- RT-2H was covered over on or about January 17, 2017, due to construction efforts in the vicinity.
- TW-46 was damaged on or about December 8, 2016.

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-01	MW-01-072715	7/27/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-01-012716	1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-01-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-01B	MW-01B-080415	8/4/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-01B-012716	1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-01B-120116	12/1/2016	µg/L	1 U	1 U	1.4	5.6	1 U	1 U	1.3	--
	MW-01B-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-062817-FD	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-02	MW-02-072715	7/27/2015	µg/L	4,320	625 U	9,670	2,460	5 U	171	74.7	0.02 U
	MW-02-012616	1/26/2016	µg/L	9,500	1,160	25,000	6,310	50 U <sup>1</sup>	285	139	0.019 U
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-02-062917	6/29/2017	µg/L	8,040	833	27,100	9,890	250 U <sup>1</sup>	250 U <sup>1</sup>	1,250 U <sup>1</sup>	--
MW-02B	MW-02B-080415	8/4/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-02B-D-080415	8/4/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-02B-030116	3/1/2016	µg/L	1 U	1 U	4.8	4.6	1 U	1 U	1 U	0.019 U
	MW-02B-D-030116	3/1/2016	µg/L	1 U	1 U	4.8	5.3	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-02B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-02B-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--	
MW-03	MW-03-072715	7/27/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-03-012516	1/25/2016	µg/L	108	20.1	958	598	1 U	1 U	11.1	0.02 U
	MW-03-120616	12/6/2016	µg/L	61.1	25.1	229	330	2 U	2 U	3.6	--
	MW-03-062917	6/29/2017	µg/L	10.9	1 U	24.6	6.98	1 U	2.34	5 U	--
MW-04	MW-04-072815	7/28/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	MW-04-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-04-120616	12/6/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-04-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-05	MW-05-072815	7/28/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	MW-05-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-05-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-05-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--	



Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-06	MW-06-072815	7/28/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-06-012116	1/21/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-06-120216	12/2/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-06-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-07	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-07-012116	1/21/2016	µg/L	1,060	389	5,210	2,620	40 U <sup>1</sup>	40 U	40 U <sup>1</sup>	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-07-062917	6/29/2017	µg/L	4,290	629	17,700	4,990	250 U <sup>1</sup>	250 U <sup>1</sup>	1,250 U <sup>1</sup>	--
MW-08	MW-08-072815	7/28/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-08-012616	1/26/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-08-120616	12/6/2016	µg/L	1 U	1 U	14.4	7.1	1 U	1 U	1 U	--
	MW-08-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-09	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-09-062917	6/29/2017	µg/L	3,860	517	13,000	8,680	200 U <sup>1</sup>	200 U <sup>1</sup>	1,000 U <sup>1</sup>	--
MW-10	MW-10-072815	7/28/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	MW-10-012616	1/26/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-10-120616	12/6/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-10-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-10-050317-FD	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-10-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-11	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-11-012616	1/26/2016	µg/L	10,600	948	24,400	4,700	10 U <sup>1</sup>	432	123	0.019 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-11-062817	6/28/2017	µg/L	10,900	2,140	29,600	11,700	100 U <sup>1</sup>	147	500 U <sup>1</sup>	--
MW-12	MW-12-072815	7/28/2015	µg/L	51.3	5 U	22.9	39.2	5 U	5 U	5 U	0.02 U
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/13/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/20/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/31/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	4/6/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-12-062817	6/28/2017	µg/L	1190	467	7910	5100	50 U <sup>1</sup>	50 U <sup>1</sup>	250 U <sup>1</sup>	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-12B	MW-12B-012616	1/26/2016	µg/L	<b>228</b>	<b>31.4</b>	<b>193</b>	<b>532</b>	1 U	<b>5.4</b>	<b>14.6</b>	0.019 U
	MW-12B-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-12B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-031417-FD	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-062817	6/28/2017	µg/L	<b>30.1</b>	1 U	<b>7.28</b>	<b>14.3</b>	1 U	<b>11.8</b>	5 U	--
MW-13	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-13-012816	1/28/2016	µg/L	<b>2</b>	1 U	<b>12.5</b>	<b>6.9</b>	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-13-062917	6/29/2017	µg/L	<b>1.18</b>	1 U	<b>3.39</b>	3 U	1 U	1 U	5 U	--
MW-13B	MW-13B-012816	1/28/2016	µg/L	<b>367</b>	1 U	<b>5.6</b>	<b>59.5</b>	1 U	<b>119</b>	1 U	0.02 U
	MW-13B-D-012816	1/28/2016	µg/L	<b>405</b>	1 U	<b>6.1</b>	<b>59.1</b>	1 U	<b>108</b>	1 U	0.02 U
	MW-13B-113016	11/30/2016	µg/L	<b>550</b>	<b>5.1</b>	<b>21.2</b>	<b>140</b>	5 U	<b>158</b>	<b>7.9</b>	--
	MW-13B-062817	6/28/2017	µg/L	<b>308</b>	<b>3.09</b>	<b>10.3</b>	<b>103</b>	1 U	<b>121</b>	<b>5.13</b>	--
MW-14	MW-14-072815	7/28/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-14-012816	1/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-14-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-14-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-14B	MW-14B-052516	5/25/2016	µg/L	<b>5</b>	1 U	1 U	<b>4.4</b>	1 U	<b>17.2</b>	1 U	0.02 U
	MW-14B-052516-FD	5/25/2016	µg/L	<b>4.6</b>	1 U	1 U	<b>4.1</b>	1 U	<b>23.6</b>	1 U	0.02 U
	MW-14B-113016	11/30/2016	µg/L	<b>10.5</b>	1 U	<b>1.1</b>	<b>5.5</b>	1 U	<b>19.7</b>	1 U	--
	MW-14B-062817	6/28/2017	µg/L	<b>38.1</b>	<b>1.34</b>	<b>2.56</b>	<b>19.1</b>	1 U	<b>36.2</b>	5 U	--
MW-15	MW-15-080415	8/4/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	MW-15-012816	1/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-15-120716	12/7/2016	µg/L	<b>3,680</b>	<b>139</b>	<b>422</b>	<b>2,280</b>	25 U	<b>188</b>	<b>43.8</b>	--
	MW-15-031417	3/14/2017	µg/L	<b>1,960</b>	<b>72</b>	<b>324</b>	<b>1,320</b>	25 U	<b>161</b>	125 U	--
	MW-15-031417-FD	3/14/2017	µg/L	<b>1,820</b>	<b>61</b>	<b>286</b>	<b>1,120</b>	25 U	<b>153</b>	125 U	--
	MW-15-032017	3/20/2017	µg/L	<b>3390</b>	<b>103</b>	<b>505</b>	<b>2,460</b>	50 U	<b>194</b>	250 U	--
	MW-15-033117	3/31/2017	µg/L	<b>2850</b>	<b>65.4</b>	<b>444</b>	<b>1,860</b>	20 U	<b>221</b>	100 U	--
	MW-15-040617	4/6/2017	µg/L	<b>1790</b>	<b>60.6</b>	<b>465</b>	<b>886</b>	25 U	<b>181</b>	125 U	--
	MW-15-062817	6/28/2017	µg/L	<b>73</b>	25.0 U	<b>29</b>	<b>110</b>	25 U	<b>91.8</b>	125 U	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-15B	MW-15B-080415	8/4/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	MW-15B-012816	1/28/2016	µg/L	4.8	1 U	2	3.9	1 U	1 U	1 U	0.02 U
	MW-15B-113016	11/30/2016	µg/L	337	34	565	194	5 U	26.7	5	--
	MW-15B-031417	3/14/2017	µg/L	2,160	248	4,580	1,500	100 U	118	500 U	--
	MW-15B-032017	3/20/2017	µg/L	615	88.6	1,270	555	25 U	67.5	125 U	--
	MW-15B-033117	3/31/2017	µg/L	1,630	205	3,240	1,180	50 U	115	250 U	--
	MW-15B-040617	4/6/2017	µg/L	1,020	132	2,020	789	25 U	84.7	125 U	--
	MW-15B-040617-FD	4/6/2017	µg/L	973	124	1,910	742	25 U	82.9	125 U	--
	MW-15B-062817	6/28/2017	µg/L	1,510	145	3,520	1,280	100 U <sup>1</sup>	100 U <sup>1</sup>	500 U <sup>1</sup>	--
MW-16	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-16-062917	6/29/2017	µg/L	12,900	1,770	36,400	12,500	500 U <sup>1</sup>	1,740	2500 U <sup>1</sup>	--
MW-17	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	4/6/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	6/26/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-17B	MW-17B-030116	3/1/2016	µg/L	6480	488	11900	2870	5	742	104	0.019 U
	MW-17B-120116	12/1/2016	µg/L	9,370	761	16,900	4,500	100 U	954	112	--
	MW-17B-031317	3/13/2017	µg/L	7,350	770	14,100	4,510	200 U	944	1,000 U	--
	MW-17B-032017	3/20/2017	µg/L	10,700	1,360	21,400	7,910	323	1,210	1,000 U	--
	MW-17B-033117	3/31/2017	µg/L	9,190	900	17,500	5,910	100 U	1,200	500 U	--
	MW-17B-033117FD	3/31/2017	µg/L	9,190	956	18,200	6,330	100 U	1,210	500 U	--
	MW-17B-040617	4/6/2017	µg/L	7,780	833	14,900	5,330	200 U	991	1,000 U	--
	MW-17B-062817	6/28/2017	µg/L	11,200	704	21,600	5,650	200 U <sup>1</sup>	1,150	1,000 U <sup>1</sup>	--
MW-18	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	6/26/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-19	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-19-012116	1/21/2016	µg/L	<b>22.8</b>	<b>18.5</b>	<b>256</b>	<b>437</b>	1 U	1 U	<b>10.7</b>	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-19-040617	4/6/2017	µg/L	<b>9,810</b>	<b>1,030</b>	<b>25,000</b>	<b>10,300</b>	250 U	250 U	1,250 U	--
	MW-19-062917	6/29/2017	µg/L	<b>9,410</b>	<b>683</b>	<b>27,200</b>	<b>9,580</b>	200 U <sup>1</sup>	<b>320</b>	1,000 U <sup>1</sup>	--
MW-20	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/13/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/20/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/31/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	4/6/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	6/26/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
MW-21	MW-21-072715	7/27/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-21-012116	1/21/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-21-D-012116	1/21/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-21-112916	11/29/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-21-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-032117	3/21/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-062817-FD	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-22	--	7/27/2015	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-22-012116	1/21/2016	µg/L	<b>19.8</b>	<b>3.4</b>	<b>47.2</b>	<b>37.4</b>	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-22-062917	6/29/2017	µg/L	<b>234</b>	10 U	<b>125</b>	30 U	10 U <sup>1</sup>	10 U	50 U <sup>1</sup>	--

Table 6. Analytical Results for Groundwater  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Napthalene	EDB
MW-23	MW-23-072715	7/27/2015	µg/L	5 U	5 U	7.5	10 U	5 U	5 U	5 U	0.02 U
	MW-23D-072715	7/27/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-23-012016	1/20/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-23-120216	12/2/2016	µg/L	450	5 U	14.6	336	5 U	46.4	5.9	--
	MW-23-031317	3/13/2017	µg/L	709	5 U	23.1	548	5 U	127	25 U	--
	MW-23-032017	3/20/2017	µg/L	642	10 U	12.7	579	10 U	108	50 U	--
	MW-23-032017-FD	3/20/2017	µg/L	620	10 U	12.0	548	10 U	110	50 U	--
	MW-23-033117	3/31/2017	µg/L	685	10 U	16.5	624	10 U	130	50 U	--
	MW-23-040617	4/6/2017	µg/L	432	1 U	6.6	254	1 U	76.5	5 U	--
MW-23-062817	6/28/2017	µg/L	131	10 U	10 U	117	10 U <sup>1</sup>	19.1	5 U	--	
MW-23B	MW-23B-080515	8/5/2015	µg/L	5 U	5 U	7.0	10 U	5 U	5 U	5 U	0.02 U
	MW-23B-012016	1/20/2016	µg/L	1 U	1 U	3.9	7.1	1 U	1 U	1 U	0.02 U
	MW-23B-120216	12/2/2016	µg/L	1 U	1.4	3.5	11.0	1 U	1 U	1.3	--
	MW-23B-031317	3/13/2017	µg/L	1 U	1.11	2.63	8.86	1 U	1 U	5 U	--
	MW-23B-032017	3/20/2017	µg/L	1 U	1.55	2.98	11.7	1 U	1 U	5 U	--
	MW-23B-033117	3/31/2017	µg/L	1 U	1.24	2.41	8.86	1 U	1 U	5 U	--
	MW-23B-040617	4/6/2017	µg/L	1 U	1.21	2.41	9.23	1 U	1 U	5 U	--
	MW-23B-062817	6/28/2017	µg/L	1 U	1 U	1.73	6.20	1 U	1 U	5 U	--
MW-24	MW-24-080515	8/5/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-24-012616	1/26/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-24-120716	12/7/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-24-062817	6/28/2017	µg/L	28.8	3.96	1.7	22.2	1 U	1 U	5 U	--
MW-24B	MW-24B-080515	8/5/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-24B-012616	1/26/2016	µg/L	1 U	1 U	3.3	6.8	1 U	1 U	1 U	0.019 U
	MW-24B-120716	12/7/2016	µg/L	1 U	1 U	2.9	1.6	1 U	1 U	1 U	--
	MW-24B-062817	6/28/2017	µg/L	28.9	3.89	1.77	20.7	1 U	1 U	5 U	--
MW-25	MW-25-012716	1/27/2016	µg/L	101	1 U	1 U	115	1 U	1 U	1.8	0.02 U
	MW-25-012716	12/1/2016	µg/L	675	30.2	15.3	619	5 U	5.9	29.7	--
	MW-25-031417	3/14/2017	µg/L	627	28.6	10.1	668	10 U	10 U	50 U	--
	MW-25-032017	3/20/2017	µg/L	604	20.4	20 U	680	20 U	20 U	100 U	--
	MW-25-033117	3/31/2017	µg/L	673	30.1	12	736	10 U	10 U	50 U	--
	MW-25-033117FD	3/31/2017	µg/L	790	35.4	12.5	861	10 U	10 U	50 U	--
	MW-25-040617	4/6/2017	µg/L	558	24.3	10 U	682	10 U	10 U	50 U	--
	MW-25-050317	5/3/2017	µg/L	519	49.3	10.1	614	1 U	1 U	43.2	--
	MW-25-062817	6/28/2017	µg/L	431	34.8	10 U	520	10 U <sup>1</sup>	10 U	50 U <sup>1</sup>	--

Table 6. Analytical Results for Groundwater  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-25B	MW-25B-012716	1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-25B-120116	12/1/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-25B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-26	MW-26-012016	1/20/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-26-120116	12/1/2016	µg/L	1 U	1 U	2.3	1 U	1 U	1 U	1 U	--
	MW-26-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-040617-FD	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-26B	MW-26B-012016	1/20/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-26B-120116	12/1/2016	µg/L	1 U	1 U	1 U	1.3	1 U	1 U	1 U	--
	MW-26B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-27	MW-27-012716	1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-27-062817	6/28/2017	µg/L	2.69	4.06	3.88	35.9	1 U	1 U	5 U	--
MW-27B	MW-27B-051216	5/12/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U
	MW-27B-120216	12/2/2016	µg/L	1 U	5.3	9.1	45.7	1 U	1 U	8.9	--
	MW-27B-062817	6/28/2017	µg/L	1 U	4.04	4.04	32.7	1 U	1 U	6.09	--

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Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-28	MW-28-012716	1/27/2016	µg/L	542	430	3,850	3,370	1 U	4.8	96.3	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-28-031517	3/15/2017	µg/L	1,120	68.9	3,350	1,370	50 U	50 U	250 U	--
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	4/6/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-28-050317	5/3/2017	µg/L	65.9	14.5	263	1,010	1 U	2.94	9.33	--
	MW-28-062817	6/28/2017	µg/L	199	55	108	546	1 U	1 U	10.1	--
MW-29	MW-29-012116	1/21/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-29-112916	11/29/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-29-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-30	MW-30-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-30-050417	5/4/2017	µg/L	104	3.98	341	161	1 U	1 U	5 U	--
	MW-30-062917	6/29/2017	µg/L	646	25 U	1,630	736	25 U <sup>1</sup>	25 U	125 U <sup>1</sup>	--
MW-31	MW-31-051016	5/10/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U
	MW-31-112916	11/29/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-31-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-31-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-31B	MW-31B-051116	5/11/2016	µg/L	1 U	1 U	2.7	1 U	1 U	1 U	1 U	0.02 U
MW-32	MW-32-051016	5/10/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U
	MW-32-120616	12/6/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-32-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-33	MW-33-051016	5/10/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U
MW-33T	MW-33T-051016	5/10/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-34	MW-34-031517	3/15/2017	--	978	33.0	143	218	10 U	157	50 U	--
	MW-34-032017	3/20/2017	µg/L	801	10.0 U	113	305	10 U	149	50 U	--
	MW-34-033117	3/31/2017	µg/L	728	10.0 U	81.4	224	10 U	152	50 U	--
	MW-34-040617	4/6/2017	µg/L	860	1.7	58.6	181	1 U	123	5 U	--
	MW-34-050317	5/3/2017	µg/L	287	2.62	27.2	130	1 U	124	5 U	--
	MW-34-062817	6/28/2017	µg/L	167	4.59	9.3	39.2	1 U	68.3	5 U	--
MW-35	MW-35-051016	5/10/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U
	MW-35-120116	12/1/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-35-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-36	MW-36-051116	5/11/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.02 U
	MW-36-112916	11/29/2016	µg/L	1.3	1 U	6.5	1.1	1 U	1 U	1 U	--
	MW-36-D-112916	11/29/2016	µg/L	1 U	1 U	5.4	1 U	1 U	1 U	1 U	--
	MW-36-062917	6/29/2017	µg/L	2.11	1 U	2.28	3 U	1 U	1 U	5 U	--
MW-36B	MW-36B-051116	5/11/2016	µg/L	1 U	1 U	7.2	1 U	1 U	1 U	1 U	0.02 U
	MW-36B-112916	11/29/2016	µg/L	1 U	1 U	1.6	1 U	1 U	1 U	1 U	--
	MW-36B-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-36B-062917-FD	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-37	MW-37-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-37-062817	6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1.44	5 U	--
MW-38	MW-38-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	5.5	1 U	--
	MW-38-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	9.14	5 U	--
	MW-38-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	7.55	5 U	--
	MW-38-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	10.2	5 U	--
	MW-38-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	8.06	5 U	--
	MW-38-050317	5/3/2017	µg/L	1 U	1 U	1 U	3 U	1 U	9.08	5 U	--
	MW-38-062817	6/28/2017	µg/L	9.71	1.17	1 U	6.63	1 U	1 U	5 U	--



Table 6. Analytical Results for Groundwater  
 Plantation Pipe Line Company  
 Lewis Drive Remediation, Belton, South Carolina  
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-39	MW-39-120716	12/7/2016	µg/L	6,320	682	1,290	3,650	50 U	311	86	--
	MW-39-031417	3/14/2017	µg/L	6,370	431	2,200	3,700	10 U	199	117	--
	MW-39-032017	3/20/2017	µg/L	7,340	704	2,990	4,050	100 U	248	500 U	--
	MW-39-033117	3/31/2017	µg/L	7,540	899	3,140	4,400	50 U	272	250 U	--
	MW-39-040617	4/6/2017	µg/L	6,180	754	3,280	3,860	50 U	257	250 U	--
	MW-39-062817	6/28/2017	µg/L	5,470	58	3,360	3,900	20 U	239	100 U <sup>1</sup>	--
MW-40	MW-40-120716	12/7/2016	µg/L	6,730	588	7,460	3,390	50 U	373	64.8	--
	MW-40-031417	3/14/2017	µg/L	11,600	1,280	16,100	7,260	50 U	691	250 U	--
	MW-40-032017	3/20/2017	µg/L	12,900	1,330	19,600	7,500	200 U	654	1000 U	--
	MW-40-033117	3/31/2017	µg/L	13,300	1,500	19,500	8,070	100 U	727	500 U	--
	MW-40-040617	4/6/2017	µg/L	10,400	1,180	16,200	6,570	200 U	650	1000 U	--
	MW-40-062817	6/28/2017	µg/L	9,250	1,030	19,200	6,540	500 U <sup>1</sup>	590	2500 U <sup>1</sup>	--
MW-41	MW-41-120716	12/7/2016	µg/L	212	2 U	2 U	155	2 U	6.7	5.6	--
	MW-41-031417	3/14/2017	µg/L	469	1.78	1 U	275	1 U	4.34	18.1	--
	MW-41-032017	3/20/2017	µg/L	424	2.62	1 U	342	1 U	1 U	16.9	--
	MW-41-033117	3/31/2017	µg/L	449	5 U	5 U	343	5 U	5 U	25 U	--
	MW-41-040617	4/6/2017	µg/L	470	2.06	1 U	258	1 U	3.84	10.6	--
	MW-41-062817	6/28/2017	µg/L	292	8.83	2.09	271	1 U	3.36	13.3	--
MW-42	MW-42-120716	12/7/2016	µg/L	3.8	1 U	1 U	2.7	1 U	1 U	1 U	--
	MW-42-031417	3/14/2017	µg/L	19.3	1 U	1 U	3 U	1 U	1.12	5 U	--
	MW-42-032017	3/20/2017	µg/L	59.6	1 U	1 U	16.9	1 U	1.24	5 U	--
	MW-42-033117	3/31/2017	µg/L	135	1 U	1 U	73.8	1 U	1 U	5.19	--
	MW-42-040617	4/6/2017	µg/L	93.5	1 U	1 U	53.3	1 U	1.18	5 U	--
	MW-42-062817	6/28/2017	µg/L	15.1	1 U	1 U	11.7	1 U	1.25	5 U	--
MW-44	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-44-062917	6/29/2017	µg/L	1.06	1 U	7.12	3.11	1 U	1 U	5 U	--
MW-44B	MW-44B-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-44B-062817	6/28/2017	µg/L	1 U	1 U	2.39	3 U	1 U	1 U	5 U	--
MW-45	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	4/6/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-45-062917	6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-45B	MW-45B-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-062817	6/28/2017	µg/L	1 U	1 U	1.73	3 U	1 U	1 U	5 U	--
RBSL <sup>a</sup> :			µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05

Notes:

<sup>a</sup> RBSL = Risk-based screening levels identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan, Revision 3, Table D1 "RBSLs for Groundwater", May 2015

<sup>1</sup> 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 8260B and 8011

µg/L = microgram(s) per liter

1,2-DCA = 1,2-dichloroethane

EDB = 1,2-dibromoethane

ID = identification

MTBE = methyl tertiary butyl ether

NS-FP = sample not collected due to the presence of free product in the well

NS-IW = sample not collected due to insufficient volume of water in well

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

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

**Gray shading indicates the analyte exceeded RBSLs.**

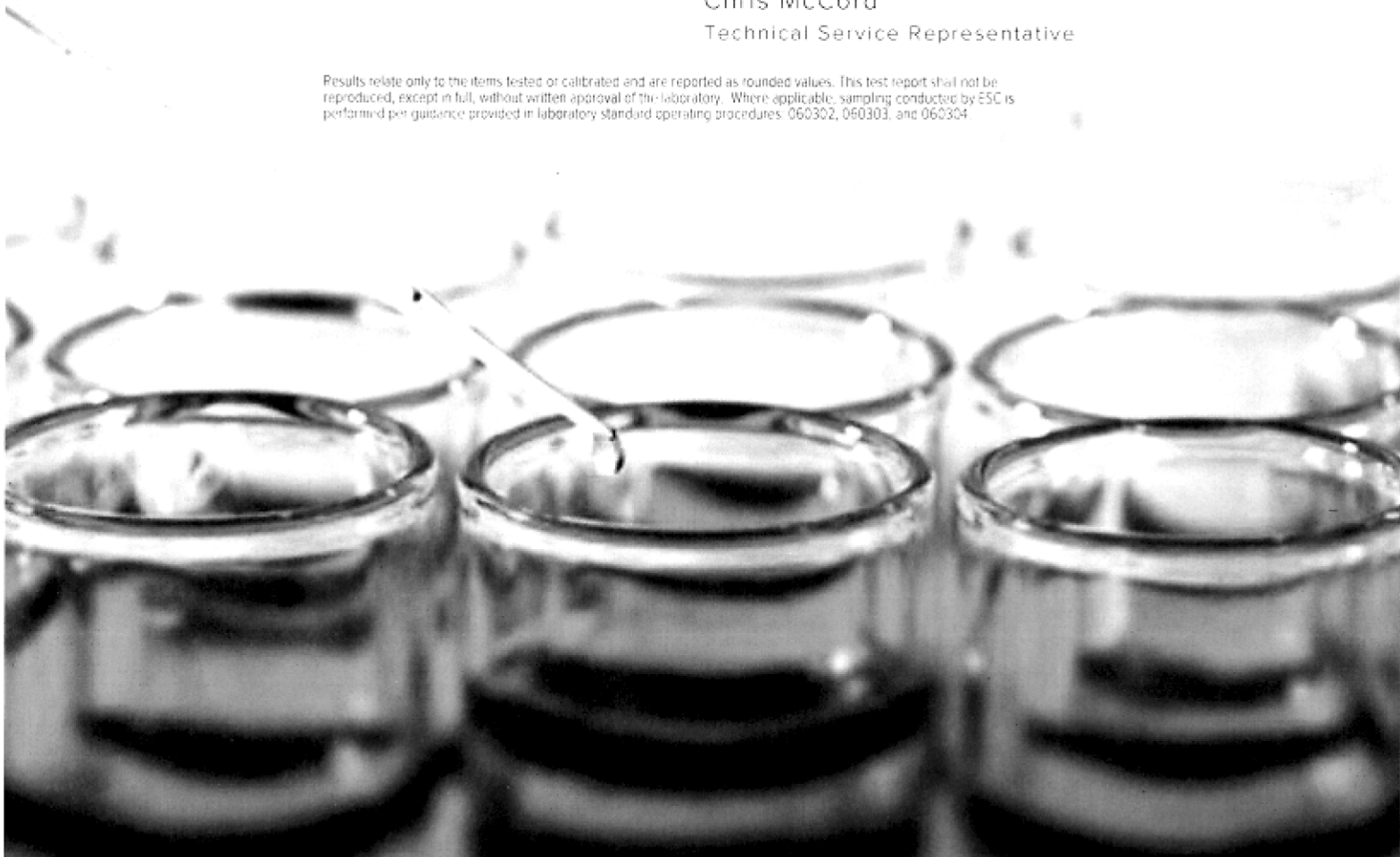
## CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L915750  
Samples Received: 06/14/2017  
Project Number: 684910.LD.MR. SW  
Description: Lewis Drive Site Surface water event  
Site: LEWIS DR  
Report To: Bethany Garvey  
6600 Peachtree Dunwoody Road  
400 Embassy Row - Suite 600  
Atlanta, GA 30328

Entire Report Reviewed By: 

Chris McCord  
Technical Service Representative

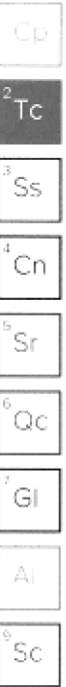
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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# SAMPLE SUMMARY

ONE LAB. NATIONWIDE

SW-11-061317 L915750-01 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 10:20  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 06:22	06/15/17 06:22	JHH

SW-10-061317 L915750-02 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 10:40  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 06:42	06/15/17 06:42	JHH

FP-01-061317 L915750-03 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 10:55  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 07:03	06/15/17 07:03	JHH

FP-02-061317 L915750-04 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 11:05  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 07:23	06/15/17 07:23	JHH

SW-09-061317 L915750-05 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 11:15  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 07:43	06/15/17 07:43	JHH

SW-08-061317 L915750-06 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 11:30  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 08:04	06/15/17 08:04	JHH

FP-03-061317 L915750-07 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 12:10  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 08:24	06/15/17 08:24	JHH

SW-13-061317 L915750-08 GW Collected by: Justine McCann  
Collected date/time: 06/13/17 11:40  
Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 08:45	06/15/17 08:45	JHH

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- GI
- AI
- Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE



SW-04-061317 L915750-09 GW Collected by: Justine McCann    Collected date/time: 06/13/17 12:35    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 09:06	06/15/17 09:06	JHH

SW-02-061317 L915750-10 GW Collected by: Justine McCann    Collected date/time: 06/13/17 12:40    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 09:26	06/15/17 09:26	JHH

SW-01-061317 L915750-11 GW Collected by: Justine McCann    Collected date/time: 06/13/17 12:50    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 09:47	06/15/17 09:47	JHH

SW-07-061317 L915750-12 GW Collected by: Justine McCann    Collected date/time: 06/13/17 13:05    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 10:07	06/15/17 10:07	JHH

SW-12-061317 L915750-13 GW Collected by: Justine McCann    Collected date/time: 06/13/17 13:15    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 10:28	06/15/17 10:28	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	10	06/16/17 14:18	06/16/17 14:18	JAH

SW-03-061317 L915750-14 GW Collected by: Justine McCann    Collected date/time: 06/13/17 13:25    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 10:49	06/15/17 10:49	JHH

TB-01-061317 L915750-15 GW Collected by: Justine McCann    Collected date/time: 06/13/17 14:30    Received date/time: 06/14/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG989231	1	06/15/17 04:20	06/15/17 04:20	JHH

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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  
Technical Service Representative

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

SW-11-061317

Collected date/time: 06/13/17 10:20

## SAMPLE RESULTS - 01

L915750

ONE LAB. NATIONWIDE



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	06/15/2017 06:22	<u>WG989231</u>
Toluene	ND		1.00	1	06/15/2017 06:22	<u>WG989231</u>
Ethylbenzene	ND		1.00	1	06/15/2017 06:22	<u>WG989231</u>
o-Xylene	ND		1.00	1	06/15/2017 06:22	<u>WG989231</u>
m&p-Xylene	ND		2.00	1	06/15/2017 06:22	<u>WG989231</u>
Xylenes, Total	ND		3.00	1	06/15/2017 06:22	<u>WG989231</u>
Naphthalene	ND		5.00	1	06/15/2017 06:22	<u>WG989231</u>
<i>(S) Toluene-d8</i>	98.1		80.0-120		06/15/2017 06:22	<u>WG989231</u>
<i>(S) Dibromofluoromethane</i>	87.6		76.0-123		06/15/2017 06:22	<u>WG989231</u>
<i>(S) o,o,p-Trifluorotoluene</i>	97.6		80.0-120		06/15/2017 06:22	<u>WG989231</u>
<i>(S) 4-Bromofluorobenzene</i>	93.9		80.0-120		06/15/2017 06:22	<u>WG989231</u>

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



SW-10-061317

Collected date/time: 06/13/17 10:40

SAMPLE RESULTS - 02

L915750

ONE LAB. NATIONWIDE



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 06:42	WG989231
Toluene	ND		1.00	1	06/15/2017 06:42	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 06:42	WG989231
o-Xylene	ND		1.00	1	06/15/2017 06:42	WG989231
m&p-Xylene	ND		2.00	1	06/15/2017 06:42	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 06:42	WG989231
Naphthalene	ND		5.00	1	06/15/2017 06:42	WG989231
<i>(S) Toluene-d8</i>	98.4		80.0-120		06/15/2017 06:42	WG989231
<i>(S) Dibromofluoromethane</i>	87.5		76.0-123		06/15/2017 06:42	WG989231
<i>(S) o,a,a-Trifluorotoluene</i>	97.1		80.0-120		06/15/2017 06:42	WG989231
<i>(S) 4-Bromofluorobenzene</i>	96.3		80.0-120		06/15/2017 06:42	WG989231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/13/17 10:55

L915750

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 07:03	<u>WG989231</u>
Toluene	ND		1.00	1	06/15/2017 07:03	<u>WG989231</u>
Ethylbenzene	ND		1.00	1	06/15/2017 07:03	<u>WG989231</u>
o-Xylene	ND		1.00	1	06/15/2017 07:03	<u>WG989231</u>
m&p-Xylene	ND		2.00	1	06/15/2017 07:03	<u>WG989231</u>
Xylenes, Total	ND		3.00	1	06/15/2017 07:03	<u>WG989231</u>
Naphthalene	ND		5.00	1	06/15/2017 07:03	<u>WG989231</u>
<i>(S) Toluene-d8</i>	98.7		80.0-120		06/15/2017 07:03	<u>WG989231</u>
<i>(S) Dibromofluoromethane</i>	86.8		75.0-123		06/15/2017 07:03	<u>WG989231</u>
<i>(S) o,o,a-Trifluorotoluene</i>	96.8		80.0-120		06/15/2017 07:03	<u>WG989231</u>
<i>(S) 4-Bromofluorobenzene</i>	95.1		80.0-120		06/15/2017 07:03	<u>WG989231</u>

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/13/17 11:05

L915750

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 07:23	WG9889231
Toluene	ND		1.00	1	06/15/2017 07:23	WG9889231
Ethylbenzene	ND		1.00	1	06/15/2017 07:23	WG9889231
o-Xylene	ND		1.00	1	06/15/2017 07:23	WG9889231
m&p-Xylene	ND		2.00	1	06/15/2017 07:23	WG9889231
Xylenes, Total	ND		3.00	1	06/15/2017 07:23	WG9889231
Naphthalene	ND		5.00	1	06/15/2017 07:23	WG9889231
(S) Toluene-d8	97.9		80.0-120		06/15/2017 07:23	WG9889231
(S) Dibromofluoromethane	88.4		76.0-123		06/15/2017 07:23	WG9889231
(S) a,a,a-Trifluorotoluene	98.5		80.0-120		06/15/2017 07:23	WG9889231
(S) 4-Bromofluorobenzene	96.0		80.0-120		06/15/2017 07:23	WG9889231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

SW-09-061317

SAMPLE RESULTS - 05

ONE LAB NATIONWIDE



Collected date/time: 06/13/17 11:15

L915750

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	06/15/2017 07:43	WG989231
Toluene	ND		1.00	1	06/15/2017 07:43	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 07:43	WG989231
o-Xylene	ND		1.00	1	06/15/2017 07:43	WG989231
m&p-Xylene	ND		2.00	1	06/15/2017 07:43	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 07:43	WG989231
Naphthalene	ND		5.00	1	06/15/2017 07:43	WG989231
(S) Toluene-d8	97.4		80.0-120		06/15/2017 07:43	WG989231
(S) Dibromofluoromethane	87.3		76.0-123		06/15/2017 07:43	WG989231
(S) o,o,o-Trifluorotoluene	97.7		80.0-120		06/15/2017 07:43	WG989231
(S) 4-Bromofluorobenzene	95.3		80.0-120		06/15/2017 07:43	WG989231

Co

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

SW-08-061317

## SAMPLE RESULTS - 06

ONE LAB. NATIONWIDE



Collected date/time: 06/13/17 11:30

L915750

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 08:04	WG989231
Toluene	ND		1.00	1	06/15/2017 08:04	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 08:04	WG989231
o-Xylene	ND		1.00	1	06/15/2017 08:04	WG989231
m,o-Xylene	ND		2.00	1	06/15/2017 08:04	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 08:04	WG989231
Naphthalene	ND		5.00	1	06/15/2017 08:04	WG989231
(S) Toluene-d8	98.0		80.0-120		06/15/2017 08:04	WG989231
(S) Dibromofluoromethane	86.3		75.0-123		06/15/2017 08:04	WG989231
(S) o,o,o-Trifluorotoluene	97.4		60.0-120		06/15/2017 08:04	WG989231
(S) 4-Bromofluorobenzene	94.2		80.0-120		06/15/2017 08:04	WG989231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/13/17 12:10

L915750

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	06/15/2017 08:24	WG989231
Toluene	ND		1.00	1	06/15/2017 08:24	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 08:24	WG989231
o-Xylene	ND		1.00	1	06/15/2017 08:24	WG989231
m&p Xylene	ND		2.00	1	06/15/2017 08:24	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 08:24	WG989231
Naphthalene	ND		5.00	1	06/15/2017 08:24	WG989231
(S) Toluene-d8	97.7		80.0-120		06/15/2017 08:24	WG989231
(S) Dibromofluoromethane	87.9		76.0-123		06/15/2017 08:24	WG989231
(S) o,o,a-Trifluorotoluene	97.9		80.0-120		06/15/2017 08:24	WG989231
(S) 4-Bromofluorobenzene	96.5		80.0-120		06/15/2017 08:24	WG989231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

SW-13-061317

## SAMPLE RESULTS - 08

ONE LAB. NATIONWIDE



Collected date/time: 06/13/17 11:40

L915750

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 08:45	WG989231
Toluene	ND		1.00	1	06/15/2017 08:45	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 08:45	WG989231
o-Xylene	ND		1.00	1	06/15/2017 08:45	WG989231
m,p-Xylene	ND		2.00	1	06/15/2017 08:45	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 08:45	WG989231
Naphthalene	ND		5.00	1	06/15/2017 08:45	WG989231
(S) Toluene-d8	97.8		80.0-120		06/15/2017 08:45	WG989231
(S) Dibromofluoromethane	88.1		75.0-123		06/15/2017 08:45	WG989231
(S) o,o,p-Trifluorotoluene	96.8		80.0-120		06/15/2017 08:45	WG989231
(S) 4-Bromofluorobenzene	97.0		80.0-120		06/15/2017 08:45	WG989231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

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684910.LD.MR. SW

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L915750

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	06/15/2017 09:06	WG989231
Toluene	1.37		1.00	1	06/15/2017 09:06	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 09:06	WG989231
o-Xylene	ND		1.00	1	06/15/2017 09:06	WG989231
m&p-Xylene	ND		2.00	1	06/15/2017 09:06	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 09:06	WG989231
Naphthalene	ND		5.00	1	06/15/2017 09:06	WG989231
(S) Toluene-d8	97.9		80.0-120		06/15/2017 09:06	WG989231
(S) Dibromofluoromethane	86.7		76.0-123		06/15/2017 09:06	WG989231
(S) o,o,a-Trifluorotoluene	92.7		80.0-120		06/15/2017 09:06	WG989231
(S) 4-Bromofluorobenzene	93.8		80.0-120		06/15/2017 09:06	WG989231

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



SW-02-061317

Collected date/time: 06/13/17 12:40

SAMPLE RESULTS - 10

L915750

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 09:26	WG989231
Toluene	ND		1.00	1	06/15/2017 09:26	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 09:26	WG989231
o-Xylene	ND		1.00	1	06/15/2017 09:26	WG989231
m&p Xylene	ND		2.00	1	06/15/2017 09:26	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 09:26	WG989231
Naphthalene	ND		5.00	1	06/15/2017 09:26	WG989231
(S) Toluene-d8	98.0		80.0-120		06/15/2017 09:26	WG989231
(S) Dibromofluoromethane	87.2		75.0-123		06/15/2017 09:26	WG989231
(S) o,o,a-Trifluorotoluene	98.6		80.0-120		06/15/2017 09:26	WG989231
(S) 4-Bromofluorobenzene	97.5		80.0-120		06/15/2017 09:26	WG989231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/13/17 12:50

L915750

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 09:47	WG989231
Toluene	1.90		1.00	1	06/15/2017 09:47	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 09:47	WG989231
o-Xylene	ND		1.00	1	06/15/2017 09:47	WG989231
m&p-Xylene	ND		2.00	1	06/15/2017 09:47	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 09:47	WG989231
Naphthalene	ND		5.00	1	06/15/2017 09:47	WG989231
(S) Toluene-d8	97.1		80.0-120		06/15/2017 09:47	WG989231
(S) Dibromofluoromethane	87.7		76.0-123		06/15/2017 09:47	WG989231
(S) a,a,a-Trifluorotoluene	98.3		80.0-120		06/15/2017 09:47	WG989231
(S) 4-Bromofluorobenzene	58.0		80.0-120		06/15/2017 09:47	WG989231

Cp

Tc

Ss

Cn

Sr

Qc

Gl

A

Sc

SW-07-061317

Collected date/time: 06/13/17 13:05

## SAMPLE RESULTS - 12

L915750

ONE LAB. NATIONWIDE



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 10:07	<u>WG989231</u>
Toluene	ND		1.00	1	06/15/2017 10:07	<u>WG989231</u>
Ethylbenzene	ND		1.00	1	06/15/2017 10:07	<u>WG989231</u>
o-Xylene	ND		1.00	1	06/15/2017 10:07	<u>WG989231</u>
m,p-Xylene	ND		2.00	1	06/15/2017 10:07	<u>WG989231</u>
Xylenes, Total	ND		3.00	1	06/15/2017 10:07	<u>WG989231</u>
Naphthalene	ND		5.00	1	06/15/2017 10:07	<u>WG989231</u>
(S) Toluene-d8	98.0		80.0-120		06/15/2017 10:07	<u>WG989231</u>
(S) Dibromofluoromethane	88.2		75.0-123		06/15/2017 10:07	<u>WG989231</u>
(S) o,o,a-Trifluorotoluene	98.3		80.0-120		06/15/2017 10:07	<u>WG989231</u>
(S) 4-Bromofluorobenzene	95.9		80.0-120		06/15/2017 10:07	<u>WG989231</u>

Cp

Tc

Ss

Cn

Sr

Qc

GI

A

Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

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684910.LD.MR. SW

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L915750

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SW-12-061317

Collected date/time: 06/13/17 13:15

SAMPLE RESULTS - 13

L915750

ONE LAB. NATIONWIDE



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	102		1.00	1	06/15/2017 10:28	WG989231
Toluene	166		10.0	10	06/16/2017 14:18	WG989231
Ethylbenzene	16.6		1.00	1	06/15/2017 10:28	WG989231
o-Xylene	46.2		1.00	1	06/15/2017 10:28	WG989231
m&p-Xylene	85.1		2.00	1	06/15/2017 10:28	WG989231
Xylenes, Total	131		3.00	1	06/15/2017 10:28	WG989231
Naphthalene	ND		5.00	1	06/15/2017 10:28	WG989231
(S) Toluene-d8	101		80.0-120		06/16/2017 14:18	WG989231
(S) Toluene-d8	98.3		80.0-120		06/15/2017 10:28	WG989231
(S) Dibromofluoromethane	88.4		75.0-123		06/15/2017 10:28	WG989231
(S) Dibromofluoromethane	102		75.0-123		06/16/2017 14:18	WG989231
(S) o,a,o-Trifluorotoluene	99.4		80.0-120		06/16/2017 14:18	WG989231
(S) o,a,o-Trifluorotoluene	97.3		80.0-120		06/15/2017 10:28	WG989231
(S) 4-Bromofluorobenzene	98.1		80.0-120		06/15/2017 10:28	WG989231
(S) 4-Bromofluorobenzene	98.7		80.0-120		06/16/2017 14:18	WG989231

- Qp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

SW-03-061317

Collected date/time: 06/13/17 13:25

## SAMPLE RESULTS - 14

L915750

ONE LAB. NATIONWIDE.



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 10:49	WG989231
Toluene	ND		1.00	1	06/15/2017 10:49	WG989231
Ethylbenzene	ND		1.00	1	06/15/2017 10:49	WG989231
o-Xylene	ND		1.00	1	06/15/2017 10:49	WG989231
m&p Xylene	ND		2.00	1	06/15/2017 10:49	WG989231
Xylenes, Total	ND		3.00	1	06/15/2017 10:49	WG989231
Naphthalene	ND		5.00	1	06/15/2017 10:49	WG989231
(S) Toluene-d8	96.9		80.0-120		06/15/2017 10:49	WG989231
(S) Dibromofluoromethane	86.1		75.0-123		06/15/2017 10:49	WG989231
(S) o,o,o-Trifluorotoluene	97.3		80.0-120		06/15/2017 10:49	WG989231
(S) 4-Bromofluorobenzene	94.8		80.0-120		06/15/2017 10:49	WG989231

Co

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

TB-01-061317

Collected date/time: 06/13/17 14:30

SAMPLE RESULTS - 15

L915750

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	06/15/2017 04:20	<u>WG989231</u>
Toluene	ND		1.00	1	06/15/2017 04:20	<u>WG989231</u>
Ethylbenzene	ND		1.00	1	06/15/2017 04:20	<u>WG989231</u>
o-Xylene	ND		1.00	1	06/15/2017 04:20	<u>WG989231</u>
m&p Xylene	ND		2.00	1	06/15/2017 04:20	<u>WG989231</u>
Xylenes, Total	ND		3.00	1	06/15/2017 04:20	<u>WG989231</u>
Naphthalene	ND		5.00	1	06/15/2017 04:20	<u>WG989231</u>
<i>(S)</i> Toluene- <i>d</i> 8	98.7		80.0-120		06/15/2017 04:20	<u>WG989231</u>
<i>(S)</i> Dibromofluoromethane	87.0		76.0-123		06/15/2017 04:20	<u>WG989231</u>
<i>(S)</i> o,a,p-Trifluorotoluene	98.3		80.0-120		06/15/2017 04:20	<u>WG989231</u>
<i>(S)</i> 4-Bromofluorobenzene	98.1		80.0-120		06/15/2017 04:20	<u>WG989231</u>

Co

Tc

Ss

Cn

Sr

Qc

Gl

A

Sc

WG989231

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

QUALITY CONTROL SUMMARY

L915750-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15

ONE LAB. NATIONWIDE



Method Blank (MB)

(MB) R3226264-3 06/15/17 04:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
o-Xylene	U		0.341	1.00
Xylenes, Total	U		1.06	3.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	99.0			80.0-120
(S) Dibromofluoromethane	86.1			76.0-123
(S) a,a,a-Trifluorotoluene	97.8			80.0-120
(S) 4-Bromofluorobenzene	96.7			80.0-120

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3226264-1 06/15/17 02:59 • (LCSD) R3226264-2 06/15/17 03:19

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	22.7	22.9	90.8	91.6	70.0-130			0.780	20
Ethylbenzene	25.0	25.6	25.9	102	104	70.0-130			1.32	20
Naphthalene	25.0	20.8	22.1	83.4	88.5	70.0-130			5.95	20
Toluene	25.0	24.7	25.6	98.9	102	70.0-130			3.47	20
o-Xylene	25.0	23.8	24.0	95.1	96.1	70.0-130			1.05	20
m&p-Xylenes	50.0	50.3	51.2	101	102	70.0-130			1.78	20
Xylenes, Total	75.0	74.1	75.2	98.8	100	70.0-130			1.47	20
(S) Toluene-d8				98.2	99.6	80.0-120				
(S) Dibromofluoromethane				87.9	86.5	76.0-123				
(S) a,a,a-Trifluorotoluene				96.5	98.2	80.0-120				
(S) 4-Bromofluorobenzene				91.9	92.2	80.0-120				



## Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
-----------	-------------

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc









July 10, 2017

## CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L919525  
Samples Received: 06/29/2017  
Project Number: 684910.LD.MP.GW  
Description: Lewis Drive Site  
Site: LEWIS DRIVE  
Report To: Bethany Garvey  
6600 Peachtree Dunwoody Road  
400 Embassy Row - Suite 600  
Atlanta, GA 30328

Entire Report Reviewed By: 

Chris McCord  
Technical Service Representative

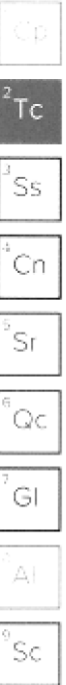
Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures, 060302, 060303, and 060304.



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MW-37-062817 L919525-32	41
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Cp

<sup>2</sup>Tc<sup>3</sup>Ss<sup>4</sup>Cn<sup>5</sup>Sr<sup>6</sup>Qc<sup>7</sup>Gl<sup>8</sup>Al<sup>9</sup>Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-29-062817 L919525-01 GW Collected by JMMWMS    Collected date/time 06/28/17 09:45    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/06/17 22:34	07/06/17 22:34	ACG

MW-26B-062817 L919525-02 GW Collected by JMMWMS    Collected date/time 06/28/17 09:50    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/06/17 22:52	07/06/17 22:52	ACG

MW-26-062817 L919525-03 GW Collected by JMMWMS    Collected date/time 06/28/17 09:55    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/06/17 23:10	07/06/17 23:10	ACG

MW-45B-062817 L919525-04 GW Collected by JMMWMS    Collected date/time 06/28/17 10:12    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/06/17 23:29	07/06/17 23:29	ACG

MW-23B-062817 L919525-05 GW Collected by JMMWMS    Collected date/time 06/28/17 10:20    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/06/17 23:47	07/06/17 23:47	ACG

MW-23-062817 L919525-06 GW Collected by JMMWMS    Collected date/time 06/28/17 10:28    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	10	07/07/17 00:05	07/07/17 00:05	ACG

MW-21-062817 L919525-07 GW Collected by JMMWMS    Collected date/time 06/28/17 10:37    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 00:23	07/07/17 00:23	ACG

MW-21-062817-FD L919525-08 GW Collected by JMMWMS    Collected date/time 06/28/17 10:40    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 00:41	07/07/17 00:41	ACG

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE

MW-11-062817 L919525-09 GW Collected by JM/MW/MS    Collected date/time 06/28/17 10:50    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	100	07/07/17 00:59	07/07/17 00:59	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1000	07/07/17 16:05	07/07/17 16:05	LRL

MW-27B-062817 L919525-10 GW Collected by JM/MW/MS    Collected date/time 06/28/17 11:05    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 01:17	07/07/17 01:17	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 16:29	07/07/17 16:29	LRL

MW-27-062817 L919525-11 GW Collected by JM/MW/MS    Collected date/time 06/28/17 11:10    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 01:35	07/07/17 01:35	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 16:52	07/07/17 16:52	LRL

MW-01-062817 L919525-12 GW Collected by JM/MW/MS    Collected date/time 06/28/17 11:20    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 01:53	07/07/17 01:53	ACG

MW-01B-062817 L919525-13 GW Collected by JM/MW/MS    Collected date/time 06/28/17 11:25    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 02:12	07/07/17 02:12	ACG

MW-01B-062817-FD L919525-14 GW Collected by JM/MW/MS    Collected date/time 06/28/17 11:30    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 02:30	07/07/17 02:30	ACG

MW-44B-062817 L919525-15 GW Collected by JM/MW/MS    Collected date/time 06/28/17 11:45    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	1	07/07/17 02:48	07/07/17 02:48	ACG

MW-15B-062817 L919525-16 GW Collected by JM/MW/MS    Collected date/time 06/28/17 12:42    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	100	07/07/17 03:06	07/07/17 03:06	ACG

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-15-062817 L919525-17 GW Collected by JM/MWMS    Collected date/time 06/28/17 12:50    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996024	25	07/07/17 03:24	07/07/17 03:24	ACG

MW-34-062817 L919525-18 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:02    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/06/17 16:25	07/06/17 16:25	JAH

MW-39-062817 L919525-19 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:08    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	100	07/09/17 15:50	07/09/17 15:50	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	20	07/06/17 16:42	07/06/17 16:42	JAH

MW-40-062817 L919525-20 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:17    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	500	07/06/17 16:58	07/06/17 16:58	JAH

MW-41-062817 L919525-21 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:25    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/06/17 17:15	07/06/17 17:15	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	10	07/09/17 16:14	07/09/17 16:14	ACG

MW-42-062817 L919525-22 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:34    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/06/17 20:49	07/06/17 20:49	JAH

MW-25-062817 L919525-23 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:41    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	10	07/06/17 21:05	07/06/17 21:05	JAH

MW-25B-062817 L919525-24 GW Collected by JM/MWMS    Collected date/time 06/28/17 13:48    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/06/17 21:22	07/06/17 21:22	JAH

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE



MW-35-062817 L919525-25 GW Collected by JM/MW/MS    Collected date/time 06/28/17 13:55    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/06/17 21:39	07/06/17 21:39	JAH

MW-28-062817 L919525-26 GW Collected by JM/MW/MS    Collected date/time 06/28/17 14:01    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/06/17 21:56	07/06/17 21:56	JAH

MW-12-062817 L919525-27 GW Collected by JM/MW/MS    Collected date/time 06/28/17 14:10    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	50	07/09/17 16:38	07/09/17 16:38	ACG

MW-12B-062817 L919525-28 GW Collected by JM/MW/MS    Collected date/time 06/28/17 14:14    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/09/17 17:10	07/09/17 17:10	ACG

MW-24B-062817 L919525-29 GW Collected by JM/MW/MS    Collected date/time 06/28/17 15:02    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/09/17 17:34	07/09/17 17:34	ACG

MW-24-062817 L919525-30 GW Collected by JM/MW/MS    Collected date/time 06/28/17 15:09    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/09/17 17:57	07/09/17 17:57	ACG

MW-38-062817 L919525-31 GW Collected by JM/MW/MS    Collected date/time 06/28/17 15:19    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/09/17 18:21	07/09/17 18:21	ACG

MW-37-062817 L919525-32 GW Collected by JM/MW/MS    Collected date/time 06/28/17 15:31    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/07/17 01:12	07/07/17 01:12	JAH

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- GI
- Al
- Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW-13B-062817 L919525-33 GW Collected by JM/MW/MS    Collected date/time 06/28/17 15:46    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/07/17 01:47	07/07/17 01:47	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	10	07/09/17 18:44	07/09/17 18:44	ACG

Cp

Tc

Ss

MW-14B-062817 L919525-34 GW Collected by JM/MW/MS    Collected date/time 06/28/17 15:58    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/07/17 02:10	07/07/17 02:10	JAH

Cn

Sr

MW-14-062817 L919525-35 GW Collected by JM/MW/MS    Collected date/time 06/28/17 16:01    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/07/17 02:27	07/07/17 02:27	JAH

Qc

Gl

MW-31-062817 L919525-36 GW Collected by JM/MW/MS    Collected date/time 06/28/17 16:15    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996036	1	07/07/17 02:44	07/07/17 02:44	JAH

Al

Sc

MW-17B-062817 L919525-37 GW Collected by JM/MW/MS    Collected date/time 06/28/17 16:26    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	200	07/09/17 03:03	07/09/17 03:03	BMB

TB-01-062817 L919525-38 GW Collected by JM/MW/MS    Collected date/time 06/28/17 17:03    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 02:38	07/09/17 02:38	BMB

FB-01-062817 L919525-39 GW Collected by JM/MW/MS    Collected date/time 06/28/17 16:58    Received date/time 06/29/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 03:27	07/09/17 03:27	BMB



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOG) 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  
Technical Service Representative

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/06/2017 22:34	WG996024
Toluene	ND		1.00	1	07/06/2017 22:34	WG996024
Ethylbenzene	ND		1.00	1	07/06/2017 22:34	WG996024
Total Xylenes	ND		3.00	1	07/06/2017 22:34	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 22:34	WG996024
Naphthalene	ND		5.00	1	07/06/2017 22:34	WG996024
1,2-Dichloroethane	ND		1.00	1	07/06/2017 22:34	WG996024
(S) Toluene-d8	104		80.0-120		07/06/2017 22:34	WG996024
(S) Dibromofluoromethane	91.1		76.0-123		07/06/2017 22:34	WG996024
(S) 4-Bromofluorobenzene	91.2		80.0-120		07/06/2017 22:34	WG996024

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

MW-26B-062817

Collected date/time: 06/28/17 09:50

SAMPLE RESULTS - 02

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/06/2017 22:52	WG996024
Toluene	ND		1.00	1	07/06/2017 22:52	WG996024
Ethylbenzene	ND		1.00	1	07/06/2017 22:52	WG996024
Total Xylenes	ND		3.00	1	07/06/2017 22:52	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 22:52	WG996024
Naphthalene	ND		5.00	1	07/06/2017 22:52	WG996024
1,2-Dichloroethane	ND		1.00	1	07/06/2017 22:52	WG996024
(S) Toluene-d8	105		80.0-120		07/06/2017 22:52	WG996024
(S) Dibromofluoromethane	91.1		76.0-123		07/06/2017 22:52	WG996024
(S) 4-Bromofluorobenzene	92.9		80.0-120		07/06/2017 22:52	WG996024

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/06/2017 23:10	<u>WG996024</u>
Toluene	ND		1.00	1	07/06/2017 23:10	<u>WG996024</u>
Ethylbenzene	ND		1.00	1	07/06/2017 23:10	<u>WG996024</u>
Total Xylenes	ND		3.00	1	07/06/2017 23:10	<u>WG996024</u>
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 23:10	<u>WG996024</u>
Naphthalene	ND		5.00	1	07/06/2017 23:10	<u>WG996024</u>
1,2-Dichloroethane	ND		1.00	1	07/06/2017 23:10	<u>WG996024</u>
(S) Toluene-d8	104		80.0-120		07/06/2017 23:10	<u>WG996024</u>
(S) Dibromofluoromethane	91.7		76.0-123		07/06/2017 23:10	<u>WG996024</u>
(S) 4-Bromofluorobenzene	91.2		80.0-120		07/06/2017 23:10	<u>WG996024</u>

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

MW-45B-062817

SAMPLE RESULTS - 04

ONE LAB. NATIONWIDE.



Collected date/time: 06/28/17 10:12

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/06/2017 23:29	WG996024
Toluene	1.73		1.00	1	07/06/2017 23:29	WG996024
Ethylbenzene	ND		1.00	1	07/06/2017 23:29	WG996024
Total Xylenes	ND		3.00	1	07/06/2017 23:29	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 23:29	WG996024
Naphthalene	ND		5.00	1	07/06/2017 23:29	WG996024
1,2-Dichloroethane	ND		1.00	1	07/06/2017 23:29	WG996024
(S) Toluene-d8	105		80.0-120		07/06/2017 23:29	WG996024
(S) Dibromofluoromethane	91.9		76.0-123		07/06/2017 23:29	WG996024
(S) 4-Bromofluorobenzene	91.3		80.0-120		07/06/2017 23:29	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.MP.GW

SDG:

L919525

DATE/TIME:

07/10/17 16:19

PAGE:

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/06/2017 23:47	WG996024
Toluene	1.73		1.00	1	07/06/2017 23:47	WG996024
Ethylbenzene	ND		1.00	1	07/06/2017 23:47	WG996024
Total Xylenes	6.20		3.00	1	07/06/2017 23:47	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 23:47	WG996024
Naphthalene	ND		5.00	1	07/06/2017 23:47	WG996024
1,2-Dichloroethane	ND		1.00	1	07/06/2017 23:47	WG996024
(S) Toluene-d8	104		80.0-120		07/06/2017 23:47	WG996024
(S) Dibromofluoromethane	91.5		76.0-123		07/06/2017 23:47	WG996024
(S) 4-Bromofluorobenzene	90.8		80.0-120		07/06/2017 23:47	WG996024

- Cp
- <sup>2</sup>Tc
- <sup>3</sup>Ss
- <sup>4</sup>Cn
- <sup>5</sup>Sr
- <sup>6</sup>Qc
- <sup>7</sup>Gl
- <sup>8</sup>Al
- <sup>9</sup>Sc

MW-23-062817

Collected date/time: 06/28/17 10:28

SAMPLE RESULTS - 06

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	131		10.0	10	07/07/2017 00:05	WG996024
Toluene	ND		10.0	10	07/07/2017 00:05	WG996024
Ethylbenzene	ND		10.0	10	07/07/2017 00:05	WG996024
Total Xylenes	117		30.0	10	07/07/2017 00:05	WG996024
Methyl tert-butyl ether	19.1		10.0	10	07/07/2017 00:05	WG996024
Naphthalene	ND		50.0	10	07/07/2017 00:05	WG996024
1,2-Dichloroethane	ND		10.0	10	07/07/2017 00:05	WG996024
(S) Toluene-d8	105		80.0-120		07/07/2017 00:05	WG996024
(S) Dibromofluoromethane	90.4		75.0-123		07/07/2017 00:05	WG996024
(S) 4-Bromofluorobenzene	91.2		80.0-120		07/07/2017 00:05	WG996024

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

MW-21-062817

## SAMPLE RESULTS - 07

ONE LAB. NATIONWIDE.



Collected date/time: 06/28/17 10:37

L919525

## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 00:23	WG996024
Toluene	ND		1.00	1	07/07/2017 00:23	WG996024
Ethylbenzene	ND		1.00	1	07/07/2017 00:23	WG996024
Total Xylenes	ND		3.00	1	07/07/2017 00:23	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 00:23	WG996024
Naphthalene	ND		5.00	1	07/07/2017 00:23	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 00:23	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 00:23	WG996024
(S) Dibromofluoromethane	90.5		76.0-123		07/07/2017 00:23	WG996024
(S) 4-Bromofluorobenzene	93.1		80.0-120		07/07/2017 00:23	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/28/17 10:40

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/07/2017 00:41	WG996024
Toluene	ND		1.00	1	07/07/2017 00:41	WG996024
Ethylbenzene	ND		1.00	1	07/07/2017 00:41	WG996024
Total Xylenes	ND		3.00	1	07/07/2017 00:41	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 00:41	WG996024
Naphthalene	ND		5.00	1	07/07/2017 00:41	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 00:41	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 00:41	WG996024
(S) Dibromofluoromethane	91.0		76.0-123		07/07/2017 00:41	WG996024
(S) 4-Bromofluorobenzene	90.5		80.0-120		07/07/2017 00:41	WG996024

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 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	10900		100	100	07/07/2017 00:59	WG996024
Toluene	29600		1000	1000	07/07/2017 16:05	WG996024
Ethylbenzene	2140		100	100	07/07/2017 00:59	WG996024
Total Xylenes	11700		300	100	07/07/2017 00:59	WG996024
Methyl tert-butyl ether	147		100	100	07/07/2017 00:59	WG996024
Naphthalene	ND		500	100	07/07/2017 00:59	WG996024
1,2-Dichloroethane	ND		100	100	07/07/2017 00:59	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 16:05	WG996024
(S) Toluene-d8	105		80.0-120		07/07/2017 00:59	WG996024
(S) Dibromofluoromethane	88.5		76.0-123		07/07/2017 00:59	WG996024
(S) Dibromofluoromethane	91.8		76.0-123		07/07/2017 16:05	WG996024
(S) 4-Bromofluorobenzene	106		80.0-120		07/07/2017 16:05	WG996024
(S) 4-Bromofluorobenzene	92.3		80.0-120		07/07/2017 00:59	WG996024

Sample Narrative:

L919525-09 WG996024; Targets and Non-target compounds too high to run at a lower dilution.

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc

MW-27B-062817

Collected date/time: 06/28/17 11:05

SAMPLE RESULTS - 10

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 01:17	WG996024
Toluene	4.04		1.00	1	07/07/2017 16:29	WG996024
Ethylbenzene	4.04		1.00	1	07/07/2017 01:17	WG996024
Total Xylenes	32.7		3.00	1	07/07/2017 01:17	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 01:17	WG996024
Naphthalene	6.09		5.00	1	07/07/2017 01:17	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 01:17	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 01:17	WG996024
(S) Toluene-d8	98.7		80.0-120		07/07/2017 16:29	WG996024
(S) Dibromofluoromethane	90.8		75.0-123		07/07/2017 16:29	WG996024
(S) Dibromofluoromethane	92.4		75.0-123		07/07/2017 01:17	WG996024
(S) 4-Bromofluorobenzene	109		80.0-120		07/07/2017 16:29	WG996024
(S) 4-Bromofluorobenzene	91.8		80.0-120		07/07/2017 01:17	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

MW-27-062817

Collected date/time: 06/28/17 11:10

SAMPLE RESULTS - 11

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2.69		1.00	1	07/07/2017 01:35	WG996024
Toluene	3.88		1.00	1	07/07/2017 16:52	WG996024
Ethylbenzene	4.06		1.00	1	07/07/2017 01:35	WG996024
Total Xylenes	35.9		3.00	1	07/07/2017 01:35	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 01:35	WG996024
Naphthalene	ND		5.00	1	07/07/2017 01:35	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 01:35	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 01:35	WG996024
(S) Toluene-d8	102		80.0-120		07/07/2017 16:52	WG996024
(S) Dibromofluoromethane	90.2		76.0-123		07/07/2017 01:35	WG996024
(S) Dibromofluoromethane	92.4		76.0-123		07/07/2017 16:52	WG996024
(S) 4-Bromofluorobenzene	92.3		80.0-120		07/07/2017 01:35	WG996024
(S) 4-Bromofluorobenzene	108		80.0-120		07/07/2017 16:52	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

MW-01-062817

Collected date/time: 06/28/17 11:20

SAMPLE RESULTS - 12

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 01:53	WG996024
Toluene	ND		1.00	1	07/07/2017 01:53	WG996024
Ethylbenzene	ND		1.00	1	07/07/2017 01:53	WG996024
Total Xylenes	ND		3.00	1	07/07/2017 01:53	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 01:53	WG996024
Naphthalene	ND		5.00	1	07/07/2017 01:53	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 01:53	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 01:53	WG996024
(S) Dibromofluoromethane	90.3		76.0-123		07/07/2017 01:53	WG996024
(S) 4-Bromofluorobenzene	91.9		80.0-120		07/07/2017 01:53	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc





Collected date/time: 06/28/17 11:25

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 02:12	WG996024
Toluene	ND		1.00	1	07/07/2017 02:12	WG996024
Ethylbenzene	ND		1.00	1	07/07/2017 02:12	WG996024
Total Xylenes	ND		3.00	1	07/07/2017 02:12	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 02:12	WG996024
Naphthalene	ND		5.00	1	07/07/2017 02:12	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 02:12	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 02:12	WG996024
(S) Dibromofluoromethane	99.2		76.0-123		07/07/2017 02:12	WG996024
(S) 4-Bromofluorobenzene	92.2		80.0-120		07/07/2017 02:12	WG996024

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc



Collected date/time: 06/28/17 11:30

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 02:30	WG996024
Toluene	ND		1.00	1	07/07/2017 02:30	WG996024
Ethylbenzene	ND		1.00	1	07/07/2017 02:30	WG996024
Total Xylenes	ND		3.00	1	07/07/2017 02:30	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 02:30	WG996024
Naphthalene	ND		5.00	1	07/07/2017 02:30	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 02:30	WG996024
(S) Toluene-d8	105		80.0-120		07/07/2017 02:30	WG996024
(S) Dibromofluoromethane	98.3		76.0-123		07/07/2017 02:30	WG996024
(S) 4-Bromofluorobenzene	91.6		80.0-120		07/07/2017 02:30	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 02:48	WG996024
Toluene	2.39		1.00	1	07/07/2017 02:48	WG996024
Ethylbenzene	ND		1.00	1	07/07/2017 02:48	WG996024
Total Xylenes	ND		3.00	1	07/07/2017 02:48	WG996024
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 02:48	WG996024
Naphthalene	ND		5.00	1	07/07/2017 02:48	WG996024
1,2-Dichloroethane	ND		1.00	1	07/07/2017 02:48	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 02:48	WG996024
(S) Dibromofluoromethane	90.5		76.0-123		07/07/2017 02:48	WG996024
(S) 4-Bromofluorobenzene	91.8		80.0-120		07/07/2017 02:48	WG996024

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

MW-15B-062817

Collected date/time: 06/28/17 12:42

SAMPLE RESULTS - 16

L919525

ONE LAB. NATIONWIDE



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1510		100	100	07/07/2017 03:06	WG996024
Toluene	3520		100	100	07/07/2017 03:06	WG996024
Ethylbenzene	145		100	100	07/07/2017 03:06	WG996024
Total Xylenes	1280		300	100	07/07/2017 03:06	WG996024
Methyl tert-butyl ether	ND		100	100	07/07/2017 03:06	WG996024
Naphthalene	ND		500	100	07/07/2017 03:06	WG996024
1,2-Dichloroethane	ND		100	100	07/07/2017 03:06	WG996024
(S) Toluene-d8	105		80.0-120		07/07/2017 03:06	WG996024
(S) Dibromofluoromethane	90.2		76.0-123		07/07/2017 03:06	WG996024
(S) 4-Bromofluorobenzene	92.2		80.0-120		07/07/2017 03:06	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/28/17 12:50

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	72.7		25.0	25	07/07/2017 03:24	WG996024
Toluene	28.8		25.0	25	07/07/2017 03:24	WG996024
Ethylbenzene	ND		25.0	25	07/07/2017 03:24	WG996024
Total Xylenes	110		75.0	25	07/07/2017 03:24	WG996024
Methyl tert-butyl ether	91.8		25.0	25	07/07/2017 03:24	WG996024
Naphthalene	ND		125	25	07/07/2017 03:24	WG996024
1,2-Dichloroethane	ND		25.0	25	07/07/2017 03:24	WG996024
(S) Toluene-d8	104		80.0-120		07/07/2017 03:24	WG996024
(S) Dibromofluoromethane	90.7		76.0-123		07/07/2017 03:24	WG996024
(S) 4-Bromofluorobenzene	92.5		80.0-120		07/07/2017 03:24	WG996024

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc

MW-34-062817

Collected date/time: 06/28/17 13:02

SAMPLE RESULTS - 18

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	167		1.00	1	07/06/2017 16:25	WG996036
Toluene	9.30		1.00	1	07/06/2017 16:25	WG996036
Ethylbenzene	4.59		1.00	1	07/06/2017 16:25	WG996036
Total Xylenes	39.2		3.00	1	07/06/2017 16:25	WG996036
Methyl tert-butyl ether	68.3		1.00	1	07/06/2017 16:25	WG996036
Naphthalene	ND		5.00	1	07/06/2017 16:25	WG996036
1,2-Dichloroethane	ND		1.00	1	07/06/2017 16:25	WG996036
(S) Toluene-d8	108		80.0-120		07/06/2017 16:25	WG996036
(S) Dibromofluoromethane	104		76.0-123		07/06/2017 16:25	WG996036
(S) 4-Bromofluorobenzene	103		80.0-120		07/06/2017 16:25	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/28/17 13:08

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	5470		100	100	07/09/2017 15:50	WG996036
Toluene	3360		20.0	20	07/06/2017 16:42	WG996036
Ethylbenzene	57.7		20.0	20	07/06/2017 16:42	WG996036
Total Xylenes	3900		60.0	20	07/06/2017 16:42	WG996036
Methyl tert-butyl ether	239		20.0	20	07/06/2017 16:42	WG996036
Naphthalene	ND		100	20	07/06/2017 16:42	WG996036
1,2-Dichloroethane	ND		20.0	20	07/06/2017 16:42	WG996036
(S) Toluene-d8	109		80.0-120		07/06/2017 16:42	WG996036
(S) Toluene-d8	98.2		80.0-120		07/09/2017 15:50	WG996036
(S) Dibromofluoromethane	97.2		76.0-123		07/09/2017 15:50	WG996036
(S) Dibromofluoromethane	106		76.0-123		07/06/2017 16:42	WG996036
(S) 4-Bromofluorobenzene	115		80.0-120		07/09/2017 15:50	WG996036
(S) 4-Bromofluorobenzene	98.4		80.0-120		07/06/2017 16:42	WG996036

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

MW-40-062817

Collected date/time: 06/28/17 13:17

# SAMPLE RESULTS - 20

L919525

ONE LAB. NATIONWIDE.



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	9250		500	500	07/06/2017 16:58	<u>WG996036</u>
Toluene	19200		500	500	07/06/2017 16:58	<u>WG996036</u>
Ethylbenzene	1030		500	500	07/06/2017 16:58	<u>WG996036</u>
Total Xylenes	6540		1500	500	07/06/2017 16:58	<u>WG996036</u>
Methyl tert-butyl ether	590		500	500	07/06/2017 16:58	<u>WG996036</u>
Naphthalene	ND		2500	500	07/06/2017 16:58	<u>WG996036</u>
1,2-Dichloroethane	ND		500	500	07/06/2017 16:58	<u>WG996036</u>
(S) Toluene-d8	106		80.0-120		07/06/2017 16:58	<u>WG996036</u>
(S) Dibromofluoromethane	105		76.0-123		07/06/2017 16:58	<u>WG996036</u>
(S) 4-Bromofluorobenzene	99.7		80.0-120		07/06/2017 16:58	<u>WG996036</u>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



MW-41-062817

Collected date/time: 06/28/17 13:25

SAMPLE RESULTS - 21

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	292		10.0	10	07/09/2017 16:14	WG996036
Toluene	2.09		1.00	1	07/06/2017 17:15	WG996036
Ethylbenzene	8.83		1.00	1	07/06/2017 17:15	WG996036
Total Xylenes	271		3.00	1	07/06/2017 17:15	WG996036
Methyl tert-butyl ether	3.36		1.00	1	07/06/2017 17:15	WG996036
Naphthalene	13.3		5.00	1	07/06/2017 17:15	WG996036
1,2-Dichloroethane	ND		1.00	1	07/06/2017 17:15	WG996036
(S) Toluene-d8	101		80.0-120		07/09/2017 16:14	WG996036
(S) Toluene-d8	106		80.0-120		07/06/2017 17:15	WG996036
(S) Dibromofluoromethane	105		76.0-123		07/06/2017 17:15	WG996036
(S) Dibromofluoromethane	95.9		76.0-123		07/09/2017 16:14	WG996036
(S) 4-Bromofluorobenzene	101		80.0-120		07/06/2017 17:15	WG996036
(S) 4-Bromofluorobenzene	107		80.0-120		07/09/2017 16:14	WG996036

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

MW-42-062817

SAMPLE RESULTS - 22

ONE LAB. NATIONWIDE.



Collected date/time: 06/28/17 13:34

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	15.1		1.00	1	07/06/2017 20:49	<u>WG996036</u>
Toluene	ND		1.00	1	07/06/2017 20:49	<u>WG996036</u>
Ethylbenzene	ND		1.00	1	07/06/2017 20:49	<u>WG996036</u>
Total Xylenes	11.7		3.00	1	07/06/2017 20:49	<u>WG996036</u>
Methyl tert-butyl ether	1.25		1.00	1	07/06/2017 20:49	<u>WG996036</u>
Naphthalene	ND		5.00	1	07/06/2017 20:49	<u>WG996036</u>
1,2-Dichloroethane	ND		1.00	1	07/06/2017 20:49	<u>WG996036</u>
<i>(S)</i> Toluene- <i>d</i> 8	102		80.0-120		07/06/2017 20:49	<u>WG996036</u>
<i>(S)</i> Dibromofluoromethane	105		75.0-123		07/06/2017 20:49	<u>WG996036</u>
<i>(S)</i> 4-Bromofluorobenzene	96.7		80.0-120		07/06/2017 20:49	<u>WG996036</u>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 06/28/17 13:41

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	431		10.0	10	07/06/2017 21:05	WG996036
Toluene	ND		10.0	10	07/06/2017 21:05	WG996036
Ethylbenzene	34.8		10.0	10	07/06/2017 21:05	WG996036
Total Xylenes	520		30.0	10	07/06/2017 21:05	WG996036
Methyl tert-butyl ether	ND		10.0	10	07/06/2017 21:05	WG996036
Naphthalene	ND		50.0	10	07/06/2017 21:05	WG996036
1,2-Dichloroethane	ND		10.0	10	07/06/2017 21:05	WG996036
(S) Toluene-d8	105		80.0-120		07/06/2017 21:05	WG996036
(S) Dibromofluoromethane	102		76.0-123		07/06/2017 21:05	WG996036
(S) 4-Bromofluorobenzene	97.2		80.0-120		07/06/2017 21:05	WG996036

Sample Narrative:

L919525-23 WG996036: Non-target compounds too high to run at a lower dilution.

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/06/2017 21:22	WG996036
Toluene	ND		1.00	1	07/06/2017 21:22	WG996036
Ethylbenzene	ND		1.00	1	07/06/2017 21:22	WG996036
Total Xylenes	ND		3.00	1	07/06/2017 21:22	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 21:22	WG996036
Naphthalene	ND		5.00	1	07/06/2017 21:22	WG996036
1,2-Dichloroethane	ND		1.00	1	07/06/2017 21:22	WG996036
(S) Toluene-d8	107		80.0-120		07/06/2017 21:22	WG996036
(S) Dibromofluoromethane	105		75.0-123		07/06/2017 21:22	WG996036
(S) 4-Bromofluorobenzene	97.8		80.0-120		07/06/2017 21:22	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

MW-35-062817

Collected date/time: 06/28/17 13:55

SAMPLE RESULTS - 25

L919525

ONE LAB. NATIONWIDE



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/06/2017 21:39	WG996036
Toluene	ND		1.00	1	07/06/2017 21:39	WG996036
Ethylbenzene	ND		1.00	1	07/06/2017 21:39	WG996036
Total Xylenes	ND		3.00	1	07/06/2017 21:39	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 21:39	WG996036
Naphthalene	ND		5.00	1	07/06/2017 21:39	WG996036
1,2-Dichloroethane	ND		1.00	1	07/06/2017 21:39	WG996036
(S) Toluene- <i>o</i> B	104		80.0-120		07/06/2017 21:39	WG996036
(S) Dibromofluoromethane	106		76.0-123		07/06/2017 21:39	WG996036
(S) 4-Bromofluorobenzene	102		80.0-120		07/06/2017 21:39	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/28/17 14:01

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	199		1.00	1	07/06/2017 21:56	WG996036
Toluene	108		1.00	1	07/06/2017 21:56	WG996036
Ethylbenzene	55.0		1.00	1	07/06/2017 21:56	WG996036
Total Xylenes	546		3.00	1	07/06/2017 21:56	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/06/2017 21:56	WG996036
Naphthalene	10.1		5.00	1	07/06/2017 21:56	WG996036
1,2-Dichloroethane	ND		1.00	1	07/06/2017 21:56	WG996036
(S) Toluene-d8	100		80.0-120		07/06/2017 21:56	WG996036
(S) Dibromofluoromethane	105		76.0-123		07/06/2017 21:56	WG996036
(S) 4-Bromofluorobenzene	96.3		80.0-120		07/06/2017 21:56	WG996036

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



Collected date/time: 06/28/17 14:10

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1190		50.0	50	07/09/2017 16:38	WG996036
Toluene	7910		50.0	50	07/09/2017 16:38	WG996036
Ethylbenzene	467		50.0	50	07/09/2017 16:38	WG996036
Total Xylenes	5100		150	50	07/09/2017 16:38	WG996036
Methyl tert-butyl ether	ND		50.0	50	07/09/2017 16:38	WG996036
Naphthalene	ND		250	50	07/09/2017 16:38	WG996036
1,2-Dichloroethane	ND		50.0	50	07/09/2017 16:38	WG996036
(S) Toluene-d8	98.2		80.0-120		07/09/2017 16:38	WG996036
(S) Dibromofluoromethane	94.9		76.0-123		07/09/2017 16:38	WG996036
(S) 4-Bromofluorobenzene	111		80.0-120		07/09/2017 16:38	WG996036

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



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	30.1		1.00	1	07/09/2017 17:10	WG996036
Toluene	7.28		1.00	1	07/09/2017 17:10	WG996036
Ethylbenzene	ND		1.00	1	07/09/2017 17:10	WG996036
Total Xylenes	14.3		3.00	1	07/09/2017 17:10	WG996036
Methyl tert-butyl ether	11.8		1.00	1	07/09/2017 17:10	WG996036
Naphthalene	ND		5.00	1	07/09/2017 17:10	WG996036
1,2-Dichloroethane	ND		1.00	1	07/09/2017 17:10	WG996036
(S) Toluene-d8	107		80.0-120		07/09/2017 17:10	WG996036
(S) Dibromofluoromethane	95.6		76.0-123		07/09/2017 17:10	WG996036
(S) 4-Bromofluorobenzene	114		80.0-120		07/09/2017 17:10	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc





Collected date/time: 06/28/17 15:02

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	28.9		1.00	1	07/09/2017 17:34	WG996036
Toluene	1.77		1.00	1	07/09/2017 17:34	WG996036
Ethylbenzene	3.89		1.00	1	07/09/2017 17:34	WG996036
Total Xylenes	20.7		3.00	1	07/09/2017 17:34	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 17:34	WG996036
Naphthalene	ND		5.00	1	07/09/2017 17:34	WG996036
1,2-Dichloroethane	ND		1.00	1	07/09/2017 17:34	WG996036
(S) Toluene-d8	98.2		80.0-120		07/09/2017 17:34	WG996036
(S) Dibromofluoromethane	99.7		76.0-123		07/09/2017 17:34	WG996036
(S) 4-Bromofluorobenzene	107		80.0-120		07/09/2017 17:34	WG996036

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

MW-24-062817

SAMPLE RESULTS - 30

ONE LAB. NATIONWIDE.



Collected date/time: 06/28/17 15:09

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	28.8		1.00	1	07/09/2017 17:57	WG996036
Toluene	1.70		1.00	1	07/09/2017 17:57	WG996036
Ethylbenzene	3.96		1.00	1	07/09/2017 17:57	WG996036
Total Xylenes	22.2		3.00	1	07/09/2017 17:57	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 17:57	WG996036
Naphthalene	ND		5.00	1	07/09/2017 17:57	WG996036
1,2-Dichloroethane	ND		1.00	1	07/09/2017 17:57	WG996036
(S) Toluene-d8	98.0		80.0-120		07/09/2017 17:57	WG996036
(S) Dibromofluoromethane	102		76.0-123		07/09/2017 17:57	WG996036
(S) 4-Bromofluorobenzene	105		80.0-120		07/09/2017 17:57	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

MW-38-062817

Collected date/time: 06/28/17 15:19

SAMPLE RESULTS - 31

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	9.71		1.00	1	07/09/2017 18:21	WG996036
Toluene	ND		1.00	1	07/09/2017 18:21	WG996036
Ethylbenzene	1.17		1.00	1	07/09/2017 18:21	WG996036
Total Xylenes	6.63		3.00	1	07/09/2017 18:21	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 18:21	WG996036
Naphthalene	ND		5.00	1	07/09/2017 18:21	WG996036
1,2-Dichloroethane	ND		1.00	1	07/09/2017 18:21	WG996036
(S) Toluene-d8	98.9		80.0-120		07/09/2017 18:21	WG996036
(S) Dibromofluoromethane	105		76.0-123		07/09/2017 18:21	WG996036
(S) 4-Bromofluorobenzene	119		80.0-120		07/09/2017 18:21	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/28/17 15:31

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 01:12	WG996036
Toluene	ND		1.00	1	07/07/2017 01:12	WG996036
Ethylbenzene	ND		1.00	1	07/07/2017 01:12	WG996036
Total Xylenes	ND		3.00	1	07/07/2017 01:12	WG996036
Methyl tert-butyl ether	1.44		1.00	1	07/07/2017 01:12	WG996036
Naphthalene	ND		5.00	1	07/07/2017 01:12	WG996036
1,2-Dichloroethane	ND		1.00	1	07/07/2017 01:12	WG996036
(S) Toluene-d8	105		80.0-120		07/07/2017 01:12	WG996036
(S) Dibromofluoromethane	104		75.0-123		07/07/2017 01:12	WG996036
(S) 4-Bromofluorobenzene	99.3		80.0-120		07/07/2017 01:12	WG996036

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc



Collected date/time: 06/28/17 15:46

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	308		10.0	10	07/09/2017 18:44	WG996036
Toluene	10.3		1.00	1	07/07/2017 01:47	WG996036
Ethylbenzene	3.09		1.00	1	07/07/2017 01:47	WG996036
Total Xylenes	103		3.00	1	07/07/2017 01:47	WG996036
Methyl tert-butyl ether	121		1.00	1	07/07/2017 01:47	WG996036
Naphthalene	5.13		5.00	1	07/07/2017 01:47	WG996036
1,2-Dichloroethane	ND		1.00	1	07/07/2017 01:47	WG996036
(S) Toluene-d8	98.6		80.0-120		07/09/2017 18:44	WG996036
(S) Toluene-d8	105		80.0-120		07/07/2017 01:47	WG996036
(S) Dibromofluoromethane	98.0		76.0-123		07/07/2017 01:47	WG996036
(S) Dibromofluoromethane	100		76.0-123		07/09/2017 18:44	WG996036
(S) 4-Bromofluorobenzene	99.4		80.0-120		07/07/2017 01:47	WG996036
(S) 4-Bromofluorobenzene	120		80.0-120		07/09/2017 18:44	WG996036

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

MW-14B-062817

Collected date/time: 06/28/17 15:58

SAMPLE RESULTS - 34

L919525

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	38.1		1.00	1	07/07/2017 02:10	WG996036
Toluene	2.56		1.00	1	07/07/2017 02:10	WG996036
Ethylbenzene	1.34		1.00	1	07/07/2017 02:10	WG996036
Total Xylenes	19.1		3.00	1	07/07/2017 02:10	WG996036
Methyl tert-butyl ether	35.2		1.00	1	07/07/2017 02:10	WG996036
Naphthalene	ND		5.00	1	07/07/2017 02:10	WG996036
1,2-Dichloroethane	ND		1.00	1	07/07/2017 02:10	WG996036
(S) Toluene-d8	102		80.0-120		07/07/2017 02:10	WG996036
(S) Dibromofluoromethane	91.8		76.0-123		07/07/2017 02:10	WG996036
(S) 4-Bromofluorobenzene	101		80.0-120		07/07/2017 02:10	WG996036

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

MW-14-062817

Collected date/time: 06/28/17 16:01

## SAMPLE RESULTS - 35

L919525

ONE LAB. NATIONWIDE.



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/07/2017 02:27	WG996036
Toluene	ND		1.00	1	07/07/2017 02:27	WG996036
Ethylbenzene	ND		1.00	1	07/07/2017 02:27	WG996036
Total Xylenes	ND		3.00	1	07/07/2017 02:27	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 02:27	WG996036
Naphthalene	ND		5.00	1	07/07/2017 02:27	WG996036
1,2-Dichloroethane	ND		1.00	1	07/07/2017 02:27	WG996036
(S) Toluene-d8	105		80.0-120		07/07/2017 02:27	WG996036
(S) Dibromofluoromethane	106		76.0-123		07/07/2017 02:27	WG996036
(S) 4-Bromofluorobenzene	101		80.0-120		07/07/2017 02:27	WG996036

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-31-062817

Collected date/time: 06/28/17 16:15

SAMPLE RESULTS - 36

L919525

ONE LAB. NATIONWIDE



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/07/2017 02:44	WG996036
Toluene	ND		1.00	1	07/07/2017 02:44	WG996036
Ethylbenzene	ND		1.00	1	07/07/2017 02:44	WG996036
Total Xylenes	ND		3.00	1	07/07/2017 02:44	WG996036
Methyl tert-butyl ether	ND		1.00	1	07/07/2017 02:44	WG996036
Naphthalene	ND		5.00	1	07/07/2017 02:44	WG996036
1,2-Dichloroethane	ND		1.00	1	07/07/2017 02:44	WG996036
(S) Toluene-d8	104		80.0-120		07/07/2017 02:44	WG996036
(S) Dibromofluoromethane	106		76.0-123		07/07/2017 02:44	WG996036
(S) 4-Bromofluorobenzene	101		80.0-120		07/07/2017 02:44	WG996036

- 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 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	11200		200	200	07/09/2017 03:03	WG996820
Toluene	21600		200	200	07/09/2017 03:03	WG996820
Ethylbenzene	704		200	200	07/09/2017 03:03	WG996820
Total Xylenes	5650		600	200	07/09/2017 03:03	WG996820
Methyl tert-butyl ether	1150		200	200	07/09/2017 03:03	WG996820
Naphthalene	ND		1000	200	07/09/2017 03:03	WG996820
1,2-Dichloroethane	ND		200	200	07/09/2017 03:03	WG996820
(S) Toluene-d8	105		80.0-120		07/09/2017 03:03	WG996820
(S) Dibromofluoromethane	118		76.0-123		07/09/2017 03:03	WG996820
(S) 4-Bromofluorobenzene	112		80.0-120		07/09/2017 03:03	WG996820

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

TB-01-062817

SAMPLE RESULTS - 38

ONE LAB. NATIONWIDE.



Collected date/time: 06/28/17 17:03

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/09/2017 02:38	WG996820
Toluene	ND		1.00	1	07/09/2017 02:38	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 02:38	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 02:38	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 02:38	WG996820
Naphthalene	ND		5.00	1	07/09/2017 02:38	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 02:38	WG996820
(S) Toluene-d8	121	J1	80.0-120		07/09/2017 02:38	WG996820
(S) Dibromofluoromethane	119		75.0-123		07/09/2017 02:38	WG996820
(S) 4-Bromofluorobenzene	114		80.0-120		07/09/2017 02:38	WG996820

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/28/17 16:58

L919525

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2017 03:27	WG996820
Toluene	ND		1.00	1	07/09/2017 03:27	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 03:27	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 03:27	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 03:27	WG996820
Naphthalene	ND		5.00	1	07/09/2017 03:27	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 03:27	WG996820
(S) Toluene-d8	104		80.0-120		07/09/2017 03:27	WG996820
(S) Dibromofluoromethane	119		76.0-123		07/09/2017 03:27	WG996820
(S) 4-Bromofluorobenzene	111		80.0-120		07/09/2017 03:27	WG996820

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

WG996024

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

QUALITY CONTROL SUMMARY

L919525-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3231667-3 07/06/17 21:22

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	105			80.0-120
(S) Dibromofluoromethane	91.8			75.0-123
(S) 4-Bromofluorobenzene	93.9			80.0-120

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- GI
- AI
- Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3231667-1 07/06/17 19:52 • (LCSD) R3231667-2 07/06/17 20:10

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	25.5	25.9	102	104	70.0-130			1.61	20
1,2-Dichloroethane	25.0	23.4	23.4	93.6	93.5	70.0-130			0.190	20
Ethylbenzene	25.0	27.7	27.8	111	111	70.0-130			0.400	20
Methyl tert-butyl ether	25.0	23.4	23.9	93.6	95.6	70.0-130			2.12	20
Naphthalene	25.0	21.8	22.0	87.0	87.8	70.0-130			0.920	20
Toluene	25.0	26.9	27.1	108	109	70.0-130			0.810	20
Xylenes, Total	75.0	82.7	82.8	110	110	70.0-130			0.120	20
(S) Toluene-d8				102	103	80.0-120				
(S) Dibromofluoromethane				90.5	92.8	75.0-123				
(S) 4-Bromofluorobenzene				89.8	89.2	80.0-120				

WG996036

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

QUALITY CONTROL SUMMARY

L919525-18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3231474-2 07/06/17 12:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	105			80.0-120
(S) Dibromofluoromethane	108			76.0-123
(S) 4-Bromofluorobenzene	104			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3231474-1 07/06/17 11:56 • (LCSD) R3231474-3 07/06/17 13:04

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	23.8	21.3	95.0	85.4	70.0-130			10.7	20
1,2-Dichloroethane	25.0	23.7	22.2	94.8	88.9	70.0-130			6.39	20
Ethylbenzene	25.0	21.8	19.9	87.1	79.7	70.0-130			8.99	20
Methyl tert-butyl ether	25.0	24.6	23.1	98.4	92.3	70.0-130			6.36	20
Naphthalene	25.0	20.1	20.1	80.3	80.5	70.0-130			0.270	20
Toluene	25.0	20.8	19.0	83.3	76.1	70.0-130			9.07	20
Xylenes, Total	75.0	64.8	59.1	86.4	78.8	70.0-130			9.20	20
(S) Toluene-d8				102	103	80.0-120				
(S) Dibromofluoromethane				108	109	76.0-123				
(S) 4-Bromofluorobenzene				107	105	80.0-120				

ACCOUNT:  
CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:  
684910.LD.MP.GW

SDG:  
L919525

DATE/TIME:  
07/10/17 16:19

PAGE:  
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WG996820

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

QUALITY CONTROL SUMMARY

L919525-37,38,39

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3231845-2 07/09/17 02:14

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	120			76.0-123
(S) 4-Bromofluorobenzene	109			80.0-120

Co

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3231845-1 07/09/17 01:25 • (LCSD) R3231845-3 07/09/17 12:08

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	26.6	25.3	107	101	70.0-130			5.14	20
1,2-Dichloroethane	25.0	26.4	24.7	106	98.8	70.0-130			6.76	20
Ethylbenzene	25.0	20.3	17.9	81.3	71.8	70.0-130			12.4	20
Methyl tert-butyl ether	25.0	26.9	24.0	107	95.8	70.0-130			11.4	20
Naphthalene	25.0	23.5	21.2	94.2	84.6	70.0-130			10.7	20
Toluene	25.0	22.6	20.8	90.5	83.2	70.0-130			8.37	20
Xylenes, Total	75.0	64.6	56.5	86.1	75.3	70.0-130			13.4	20
(S) Toluene-d8				106	105	80.0-120				
(S) Dibromofluoromethane				119	120	76.0-123				
(S) 4-Bromofluorobenzene				109	108	80.0-120				



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
<hr/>	
Qualifier	Description
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>1</sup>Al

<sup>9</sup>Sc

# ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.  
 \* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

## State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina <sup>1</sup>	DW21704
Florida	E87487	North Carolina <sup>2</sup>	41
Georgia	NELAP	North Dakota	R-140
Georgia <sup>1</sup>	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky <sup>1</sup>	90010	South Dakota	n/a
Kentucky <sup>2</sup>	16	Tennessee <sup>14</sup>	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

## Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA - ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Accreditation not applicable

## Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**





**CH2M Hill- Kinder Morgan- Atlanta, GA**

6600 Peachtree Dunwoody Road

Report to:  
**Bethany Garvey**

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

Email To: bgarvey@ch2m.com;  
tom.wiley@ch2m.com; scott.powell@ch2m.com;

Project  
Description: **Lewis Drive Groundwater**

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

Phone: **770-604-9182**  
Fax:

Client Project #  
**68490.ID.MAG**  
Lab Project #  
**KINCH2MGA-LEWIS12**


Collected by (print): **S. McLam**  
M. Warner  
M. Simpson  
Collected by (signature):  
**Justine McLam**  
Site/Facility ID #  
**Lewis Drive**  
P.O. #

Quote #  
Date Results Needed

Rush? (Lab MUST be Notified)  
Same Day \_\_\_ Five Day \_\_\_  
Next Day \_\_\_ 5 Day (Rad Only) \_\_\_  
Two Day \_\_\_ 10 Day (Rad Only) \_\_\_  
Three Day \_\_\_  
Immediately  
Packed on Ice **N X Y**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Pres Chk
MW-29-062817	G	GW	NA	6/28/17	0945	3	V8260BTEXMNSC 40mlAmb-HCl	
MW-26B-062817		GW			0950	3	V8260BTEXMNSC-TB 40mlAmb-HCl-Bik	
MW-26-062817		GW			0955	3		
MW-45B-062817		GW			1012	3		
MW-23B-062817		GW			1020	3		
MW-23-062817		GW			1028	3		
MW-24-062817		GW			1037	3		
MW-21-062817-ED		GW			1040	3		
MW-11-062817		GW			1050	3		
MW-27B-062817		GW			1105	3		

Chain of Custody Page 1 of 4



YOUR LAB OF CHOICE

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

L# **L919525**  
Tab **F085**  
Account: **KINCH2MGA**  
Template: **T121318**  
Prelogin: **P605956**  
TSR: **526 - Chris McCord**  
PB: **620176**  
Shipped Via: **FedEX Ground**

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

Remarks:  
pH \_\_\_ Temp \_\_\_  
Flow \_\_\_ Other \_\_\_

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 Headpace:		<input checked="" type="checkbox"/>	Y	<input type="checkbox"/>	N
Preservation Correct/Checked:		<input checked="" type="checkbox"/>	Y	<input type="checkbox"/>	N

Samples returned via: UPS  FedEx  Courier  Tracking # **7372 1960 6369**

Relinquished by: (Signature) <b>Justine McLam</b>	Date: <b>6/28/17</b>	Time: <b>1300</b>	Received by: (Signature)	Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>2</b>	Temp: <b>17.5</b> °C	Bottles Received: <b>114+2TB</b>	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)				
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <b>[Signature]</b>	Date: <b>6/29/17</b>	Time: <b>0845</b>	Hold:	Condition: NCF / <input checked="" type="checkbox"/> OK

**CH2M Hill- Kinder Morgan- Atlanta, GA**

6600 Peachtree Dunwoody Road

Report to:  
**Bethany Garvey**

Project Description: **Lewis Drive Groundwater**

Phone: **770-604-9182**  
Fax:

Collected by (print): **J. McCann, M. Wouven, M. Sumner**

Collected by (signature): **Justine McLann**

Packed on ice: **N X Y**

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

Email To: **bgarvey@ch2m.com;  
tom.wiley@ch2m.com; scott.powell@ch2m.com;**

City/State Collected: **Belton, SC**  
Lab Project #: **KINCH2MGA-LEWIS12**

Quote #  
Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page **2** of **4**



YOUR LAB OF CHOICE

12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-798-5858  
Phone: 800-787-5859  
Fax: 615-798-5859



L# **L919525**

Table #

Accnum: **KINCH2MGA**  
Template: **T121318**

Prelogin: **P605956**

TSR: **526 - Chris McCord**

PB: **6-20-17**

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Entrs	Pres	Chk	Remarks	Sample # (lab only)
MW-27-062817	G	GW	N/A	6/28/17	1110	3	X			-11
MW-01-062817		GW			1120	3	X			12
MW-01B-062817		GW			1125	3	X			13
MW-01B-062817H		GW			1130	3	X		field dup	14
MW-44B-062817		GW			1145	3	X			15
MW-15B-062817		GW			1242	3	X			16
MW-15-062817		GW			1250	3	X			17
MW-34-062817		GW			1302	3	X			18
MW-39-062817		GW			1308	3	X			19
MW-40-062817	↓	GW	↓	↓	1317	3	X			20

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

Remarks:

Samples returned via:  
 UPS  FedEx  Courier

Tracking # **Somer**

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

Sample Receipt Checklist

COC Seal Present/Intact:  Y  N  
COC Signed/Accurate:  Y  N  
Bottles arrive intact:  Y  N  
Correct bottles used:  Y  N  
Sufficient volume sent:  Y  N  
If Applicable  
VDA Zero Headspace:  Y  N  
Preservation Correct/Checked:  Y  N

Relinquished by: (Signature) <b>Justine McLann</b>	Date: <b>6/28/17</b>	Time: <b>1800</b>	Received by: (Signature) <b>Somer</b>	Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>2</b> <b>HCL MeOH</b>	Temp: <b>17.5°C</b>	Bottles Received: <b>114+2TB</b>	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date: <b>6/29/17</b>	Time: <b>0845</b>	Hold:	Condition: <b>NCF 10K</b>

**CH2M Hill- Kinder Morgan- Atlanta, GA**

6600 Peachtree Dunwoody Road

Report to:  
**Bethany Garvey**

Project Description: **Lewis Drive Groundwater**

Phone: **770-604-9182**  
Fax:

Collected by (print) *S. McLann*  
*M. Warren, McSumner*  
Collected by (signature): *Justine McLann*

Immediately Packed on Ice  Y  N

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

Email To: bgarvey@ch2m.com;  
tom.wiley@ch2m.com; scott.powell@ch2m.com;

City/State Collected: *Belton, SC*

Lab Project # **KINCH2MGA-LEWIS12**

P.O. #

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 4



**YOUR LAB OF CHOICE**  
17065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5853  
Fax: 615-758-5859

L #  
Table #  
Acctnum: **KINCH2MGA**  
Template: **T121318**  
Prelogin: **P605956**  
TSR: **526 - Chris McCord**  
PB: *6-20-17*  
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	Analysis / Container / Preservative	Remarks	Sample # (lab only)
MW-41-062817	G	GW	N/A	6/28/17	1325	3 X	V8260BTEXMNSC-40mlAmb-HCl-BIK		21
MW-42-062817		GW			1334	3 X			22
MW-25-062817		GW			1341	3 X			23
MW-25B-062817		GW			1348	3 X			24
MW-35-062817		GW			1355	3 X			25
MW-28-062817		GW			1401	3 X			26
MW-12-062817		GW			1410	3 X			27
MW-12B-062817		GW			1414	3 X			28
MW-24B-062817		GW			1502	3 X			29
MW-24-062817		GW			1509	3 X			30

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

Remarks:

Samples returned via:  
 UPS  FedEx  Courier

Tracking # *Same*

pH \_\_\_\_\_ Temp \_\_\_\_\_  
Flow \_\_\_\_\_ Other \_\_\_\_\_

**Sample Receipt Checklist**  
COC Seal Present/Intact:  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 Headpace:  Y  N  
Preservation Correct/Checked:  Y  N

Relinquished by: (Signature) <i>Justine McLann</i>	Date: 6/28/17	Time: 1800	Received by: (Signature)	Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>28</i>	Temp: <i>1.7</i> °C Bottles Received: <i>114-28</i>	If preservation required by LogIn: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)			
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>B</i>	Date: 6/29/17	Time: 0845	Hold: Condition: NCF / OK



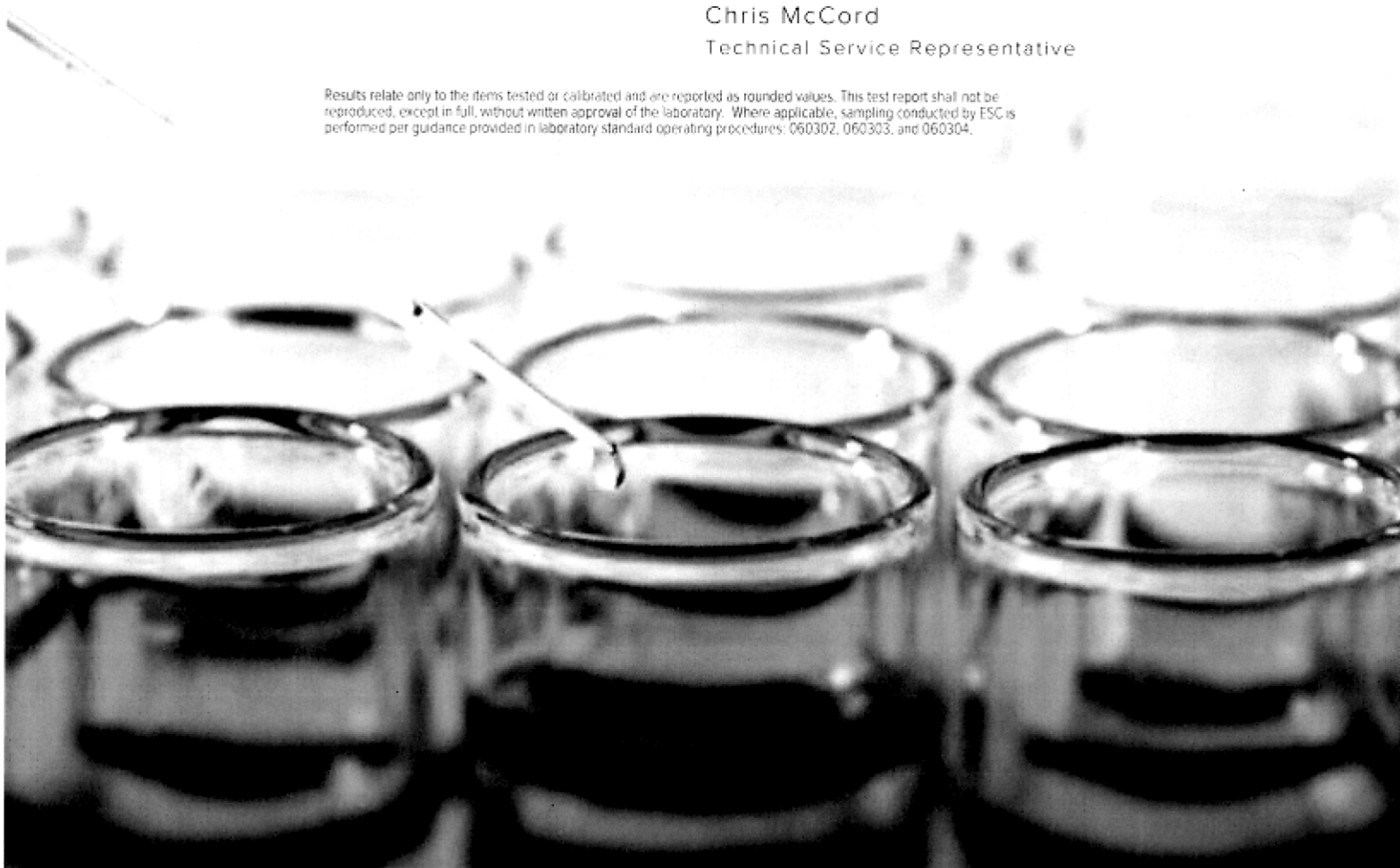
## CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L919841  
Samples Received: 06/30/2017  
Project Number: 684910.LD.MR.GW  
Description: Lewis Drive Site  
Site: LEWIS DR  
Report To: Bethany Garvey  
6600 Peachtree Dunwoody Road  
400 Embassy Row - Suite 600  
Atlanta, GA 30328

Entire Report Reviewed By: 

Chris McCord  
Technical Service Representative

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 ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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MW-36-062917 L919841-02	8
MW-36B-062917 L919841-03	9
MW-36B-062917-FD L919841-04	10
MW-08-062917 L919841-05	11
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MW-44-062917 L919841-18	24
TB-01-062917 L919841-19	25
FB-01-062917 L919841-20	26
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Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-16-062917 L919841-01 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 10:55    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	500	07/09/17 03:52	07/09/17 03:52	BMB

MW-36-062917 L919841-02 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:10    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/11/17 06:38	07/11/17 06:38	ACG

MW-36B-062917 L919841-03 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:13    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 04:41	07/09/17 04:41	BMB

MW-36B-062917-FD L919841-04 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:15    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 05:06	07/09/17 05:06	BMB

MW-08-062917 L919841-05 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:30    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 05:30	07/09/17 05:30	BMB

MW-09-062917 L919841-06 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:40    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	200	07/09/17 05:55	07/09/17 05:55	BMB

MW-10-062917 L919841-07 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:45    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 06:20	07/09/17 06:20	BMB

MW-32-062917 L919841-08 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 11:55    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 06:44	07/09/17 06:44	BMB

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 13:15	Received date/time 06/30/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
MW-02-062917 L919841-09 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	250	07/09/17 07:08	07/09/17 07:08	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 13:20	Received date/time 06/30/17 08:45
MW-02B-062917 L919841-10 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 07:32	07/09/17 07:32	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 13:35	Received date/time 06/30/17 08:45
MW-03-062917 L919841-11 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 07:57	07/09/17 07:57	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 13:40	Received date/time 06/30/17 08:45
MW-04-062917 L919841-12 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 08:21	07/09/17 08:21	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 13:50	Received date/time 06/30/17 08:45
MW-05-062917 L919841-13 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 08:46	07/09/17 08:46	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 14:17	Received date/time 06/30/17 08:45
MW-06-062917 L919841-14 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 09:11	07/09/17 09:11	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 14:30	Received date/time 06/30/17 08:45
MW-07-062917 L919841-15 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	250	07/09/17 09:35	07/09/17 09:35	BMB			
						Collected by J.M. M.S. M.W.	Collected date/time 06/29/17 14:40	Received date/time 06/30/17 08:45
MW-30-062917 L919841-16 GW								
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	25	07/09/17 09:59	07/09/17 09:59	BMB			

Cp

Tc

Ss

Cn

Sr

Qc

GI

Al

Sc



# SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-13-062917 L919841-17 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 14:50    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG996820	1	07/09/17 10:24	07/09/17 10:24	BMB

MW-44-062917 L919841-18 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 15:00    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	1	07/12/17 05:52	07/12/17 05:52	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	1	07/12/17 18:18	07/12/17 18:18	BMB

TB-01-062917 L919841-19 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 07:50    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	1	07/11/17 23:39	07/11/17 23:39	BMB

FB-01-062917 L919841-20 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 07:40    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	1	07/12/17 06:15	07/12/17 06:15	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	1	07/12/17 18:38	07/12/17 18:38	BMB

MW-45-062917 L919841-21 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 15:15    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	1	07/12/17 06:39	07/12/17 06:39	BMB

MW-19-062917 L919841-22 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 15:25    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	200	07/12/17 07:02	07/12/17 07:02	BMB

MW-22-062917 L919841-23 GW Collected by J.M. M.S. M.W.    Collected date/time 06/29/17 15:30    Received date/time 06/30/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG997356	10	07/12/17 07:25	07/12/17 07:25	BMB

- Cd
- Tc
- Ss
- Cr
- Sr
- Qc
- Gl
- Al
- Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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  
Technical Service Representative

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

MW-16-062917

Collected date/time: 06/29/17 10:55

SAMPLE RESULTS - 01

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	12900		500	500	07/09/2017 03:52	WG996820
Toluene	36400		500	500	07/09/2017 03:52	WG996820
Ethylbenzene	1770		500	500	07/09/2017 03:52	WG996820
Total Xylenes	12500		1500	500	07/09/2017 03:52	WG996820
Methyl tert-butyl ether	1740		500	500	07/09/2017 03:52	WG996820
Naphthalene	ND		2500	500	07/09/2017 03:52	WG996820
1,2-Dichloroethane	ND		500	500	07/09/2017 03:52	WG996820
(S) Toluene-d8	105		80.0-120		07/09/2017 03:52	WG996820
(S) Dibromofluoromethane	119		76.0-123		07/09/2017 03:52	WG996820
(S) 4-Bromofluorobenzene	114		80.0-120		07/09/2017 03:52	WG996820

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



Collected date/time: 06/29/17 11:10

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	2.11		1.00	1	07/11/2017 06:38	WG996820
Toluene	2.28		1.00	1	07/11/2017 06:38	WG996820
Ethylbenzene	ND		1.00	1	07/11/2017 06:38	WG996820
Total Xylenes	ND		3.00	1	07/11/2017 06:38	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/11/2017 06:38	WG996820
Naphthalene	ND		5.00	1	07/11/2017 06:38	WG996820
1,2-Dichloroethane	ND		1.00	1	07/11/2017 06:38	WG996820
(S) Toluene-d8	101		80.0-120		07/11/2017 06:38	WG996820
(S) Dibromofluoromethane	93.3		76.0-123		07/11/2017 06:38	WG996820
(S) 4-Bromofluorobenzene	109		80.0-120		07/11/2017 06:38	WG996820

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

MW-36B-062917

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.



Collected date/time: 06/29/17 11:13

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2017 04:41	WG996820
Toluene	ND		1.00	1	07/09/2017 04:41	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 04:41	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 04:41	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 04:41	WG996820
Naphthalene	ND		5.00	1	07/09/2017 04:41	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 04:41	WG996820
(S) Toluene-d8	102		80.0-120		07/09/2017 04:41	WG996820
(S) Dibromofluoromethane	121		76.0-123		07/09/2017 04:41	WG996820
(S) 4-Bromofluorobenzene	112		80.0-120		07/09/2017 04:41	WG996820

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



Collected date/time: 06/29/17 11:15

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/09/2017 05:06	<u>WG996820</u>
Toluene	ND		1.00	1	07/09/2017 05:06	<u>WG996820</u>
Ethylbenzene	ND		1.00	1	07/09/2017 05:06	<u>WG996820</u>
Total Xylenes	ND		3.00	1	07/09/2017 05:06	<u>WG996820</u>
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 05:06	<u>WG996820</u>
Naphthalene	ND		5.00	1	07/09/2017 05:06	<u>WG996820</u>
1,2-Dichloroethane	ND		1.00	1	07/09/2017 05:06	<u>WG996820</u>
(S) Toluene-d8	103		80.0-120		07/09/2017 05:06	<u>WG996820</u>
(S) Dibromofluoromethane	120		76.0-123		07/09/2017 05:06	<u>WG996820</u>
(S) 4-Bromofluorobenzene	110		80.0-120		07/09/2017 05:06	<u>WG996820</u>

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

MW-08-062917

SAMPLE RESULTS - 05

ONE LAB. NATIONWIDE.



Collected date/time: 06/29/17 11:30

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/09/2017 05:30	WG996820
Toluene	ND		1.00	1	07/09/2017 05:30	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 05:30	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 05:30	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 05:30	WG996820
Naphthalene	ND		5.00	1	07/09/2017 05:30	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 05:30	WG996820
(S) Toluene-d8	104		80.0-120		07/09/2017 05:30	WG996820
(S) Dibromofluoromethane	120		76.0-123		07/09/2017 05:30	WG996820
(S) 4-Bromofluorobenzene	111		80.0-120		07/09/2017 05:30	WG996820

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

MW-09-062917

Collected date/time: 06/29/17 11:40

SAMPLE RESULTS - 06

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	3860		200	200	07/09/2017 05:55	WG996820
Toluene	13000		200	200	07/09/2017 05:55	WG996820
Ethylbenzene	517		200	200	07/09/2017 05:55	WG996820
Total Xylenes	8680		600	200	07/09/2017 05:55	WG996820
Methyl tert-butyl ether	ND		200	200	07/09/2017 05:55	WG996820
Naphthalene	ND		1000	200	07/09/2017 05:55	WG996820
1,2-Dichloroethane	ND		200	200	07/09/2017 05:55	WG996820
(S) Toluene-d8	106		80.0-120		07/09/2017 05:55	WG996820
(S) Dibromofluoromethane	119		76.0-123		07/09/2017 05:55	WG996820
(S) 4-Bromofluorobenzene	111		80.0-120		07/09/2017 05:55	WG996820

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 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/09/2017 06:20	WG996820
Toluene	ND		1.00	1	07/09/2017 06:20	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 06:20	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 06:20	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 06:20	WG996820
Naphthalene	ND		5.00	1	07/09/2017 06:20	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 06:20	WG996820
(S) Toluene-d8	103		80.0-120		07/09/2017 06:20	WG996820
(S) Dibromofluoromethane	121		76.0-123		07/09/2017 06:20	WG996820
(S) 4-Bromofluorobenzene	110		80.0-120		07/09/2017 06:20	WG996820

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2017 06:44	WG996820
Toluene	ND		1.00	1	07/09/2017 06:44	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 06:44	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 06:44	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 06:44	WG996820
Naphthalene	ND		5.00	1	07/09/2017 06:44	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 06:44	WG996820
(S) Toluene-d8	104		80.0-120		07/09/2017 06:44	WG996820
(S) Dibromofluoromethane	122		75.0-123		07/09/2017 06:44	WG996820
(S) 4-Bromofluorobenzene	110		80.0-120		07/09/2017 06:44	WG996820

- 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 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	8040		250	250	07/09/2017 07:08	WG996820
Toluene	27100		250	250	07/09/2017 07:08	WG996820
Ethylbenzene	833		250	250	07/09/2017 07:08	WG996820
Total Xylenes	9890		750	250	07/09/2017 07:08	WG996820
Methyl tert-butyl ether	ND		250	250	07/09/2017 07:08	WG996820
Naphthalene	ND		1250	250	07/09/2017 07:08	WG996820
1,2-Dichloroethane	ND		250	250	07/09/2017 07:08	WG996820
(S) Toluene-d8	105		80.0-120		07/09/2017 07:08	WG996820
(S) Dibromofluoromethane	118		76.0-123		07/09/2017 07:08	WG996820
(S) 4-Bromofluorobenzene	113		80.0-120		07/09/2017 07:08	WG996820

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc



Collected date/time: 06/29/17 13:20

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2017 07:32	<u>WG996820</u>
Toluene	ND		1.00	1	07/09/2017 07:32	<u>WG996820</u>
Ethylbenzene	ND		1.00	1	07/09/2017 07:32	<u>WG996820</u>
Total Xylenes	ND		3.00	1	07/09/2017 07:32	<u>WG996820</u>
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 07:32	<u>WG996820</u>
Naphthalene	ND		5.00	1	07/09/2017 07:32	<u>WG996820</u>
1,2-Dichloroethane	ND		1.00	1	07/09/2017 07:32	<u>WG996820</u>
(S) Toluene-d8	103		80.0-120		07/09/2017 07:32	<u>WG996820</u>
(S) Dibromofluoromethane	121		75.0-123		07/09/2017 07:32	<u>WG996820</u>
(S) 4-Bromofluorobenzene	111		80.0-120		07/09/2017 07:32	<u>WG996820</u>

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

MW-03-062917

Collected date/time: 06/29/17 13:35

SAMPLE RESULTS - 11

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	10.9		1.00	1	07/09/2017 07:57	WG996820
Toluene	24.6		1.00	1	07/09/2017 07:57	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 07:57	WG996820
Total Xylenes	6.98		3.00	1	07/09/2017 07:57	WG996820
Methyl tert-butyl ether	2.34		1.00	1	07/09/2017 07:57	WG996820
Naphthalene	ND		5.00	1	07/09/2017 07:57	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 07:57	WG996820
(S) Toluene-d8	103		80.0-120		07/09/2017 07:57	WG996820
(S) Dibromofluoromethane	121		75.0-123		07/09/2017 07:57	WG996820
(S) 4-Bromofluorobenzene	116		80.0-120		07/09/2017 07:57	WG996820

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-04-062917

Collected date/time: 06/29/17 13:40

SAMPLE RESULTS - 12

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	07/09/2017 08:21	WG996820
Toluene	ND		1.00	1	07/09/2017 08:21	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 08:21	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 08:21	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 08:21	WG996820
Naphthalene	ND		5.00	1	07/09/2017 08:21	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 08:21	WG996820
(S) Toluene-d8	104		80.0-120		07/09/2017 08:21	WG996820
(S) Dibromofluoromethane	120		76.0-123		07/09/2017 08:21	WG996820
(S) 4-Bromofluorobenzene	113		80.0-120		07/09/2017 08:21	WG996820

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

MW-05-062917

Collected date/time: 06/29/17 13:50

SAMPLE RESULTS - 13

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/09/2017 08:46	<u>WG996820</u>
Toluene	ND		1.00	1	07/09/2017 08:46	<u>WG996820</u>
Ethylbenzene	ND		1.00	1	07/09/2017 08:46	<u>WG996820</u>
Total Xylenes	ND		3.00	1	07/09/2017 08:46	<u>WG996820</u>
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 08:46	<u>WG996820</u>
Naphthalene	ND		5.00	1	07/09/2017 08:46	<u>WG996820</u>
1,2-Dichloroethane	ND		1.00	1	07/09/2017 08:46	<u>WG996820</u>
(S) Toluene-d8	104		80.0-120		07/09/2017 08:46	<u>WG996820</u>
(S) Dibromofluoromethane	121		76.0-123		07/09/2017 08:46	<u>WG996820</u>
(S) 4-Bromofluorobenzene	114		80.0-120		07/09/2017 08:46	<u>WG996820</u>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-06-062917

Collected date/time: 06/29/17 14:17

SAMPLE RESULTS - 14

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/09/2017 09:11	WG996820
Toluene	ND		1.00	1	07/09/2017 09:11	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 09:11	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 09:11	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 09:11	WG996820
Naphthalene	ND		5.00	1	07/09/2017 09:11	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 09:11	WG996820
(S) Toluene-d8	104		80.0-120		07/09/2017 09:11	WG996820
(S) Dibromofluoromethane	122		76.0-123		07/09/2017 09:11	WG996820
(S) 4-Bromofluorobenzene	112		80.0-120		07/09/2017 09:11	WG996820

- Cp
- Tc
- Ss
- Cn
- Sr**
- Qc
- Gl
- Al
- Sc



MW-07-062917

SAMPLE RESULTS - 15

ONE LAB. NATIONWIDE.



Collected date/time: 06/29/17 14:30

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	4290		250	250	07/09/2017 09:35	WG996820
Toluene	17700		250	250	07/09/2017 09:35	WG996820
Ethylbenzene	529		250	250	07/09/2017 09:35	WG996820
Total Xylenes	4990		750	250	07/09/2017 09:35	WG996820
Methyl tert-butyl ether	ND		250	250	07/09/2017 09:35	WG996820
Naphthalene	ND		1250	250	07/09/2017 09:35	WG996820
1,2-Dichloroethane	ND		250	250	07/09/2017 09:35	WG996820
(S) Toluene-d8	106		80.0-120		07/09/2017 09:35	WG996820
(S) Dibromofluoromethane	118		76.0-123		07/09/2017 09:35	WG996820
(S) 4-Bromofluorobenzene	116		80.0-120		07/09/2017 09:35	WG996820

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

MW-30-062917

Collected date/time: 06/29/17 14:40

## SAMPLE RESULTS - 16

L919841

ONE LAB. NATIONWIDE.



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	646		25.0	25	07/09/2017 09:59	WG996820
Toluene	1630		25.0	25	07/09/2017 09:59	WG996820
Ethylbenzene	ND		25.0	25	07/09/2017 09:59	WG996820
Total Xylenes	736		75.0	25	07/09/2017 09:59	WG996820
Methyl tert-butyl ether	ND		25.0	25	07/09/2017 09:59	WG996820
Naphthalene	ND		125	25	07/09/2017 09:59	WG996820
1,2-Dichloroethane	ND		25.0	25	07/09/2017 09:59	WG996820
<i>(S)</i> Toluene-d8	105		80.0-120		07/09/2017 09:59	WG996820
<i>(S)</i> Dibromofluoromethane	119		76.0-123		07/09/2017 09:59	WG996820
<i>(S)</i> 4-Bromofluorobenzene	116		80.0-120		07/09/2017 09:59	WG996820

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.MR.GW

SDG:

L919841

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MW-13-062917

SAMPLE RESULTS - 17

ONE LAB. NATIONWIDE.



Collected date/time: 06/29/17 14:50

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	1.18		1.00	1	07/09/2017 10:24	WG996820
Toluene	3.39		1.00	1	07/09/2017 10:24	WG996820
Ethylbenzene	ND		1.00	1	07/09/2017 10:24	WG996820
Total Xylenes	ND		3.00	1	07/09/2017 10:24	WG996820
Methyl tert-butyl ether	ND		1.00	1	07/09/2017 10:24	WG996820
Naphthalene	ND		5.00	1	07/09/2017 10:24	WG996820
1,2-Dichloroethane	ND		1.00	1	07/09/2017 10:24	WG996820
(S) Toluene-d8	104		80.0-120		07/09/2017 10:24	WG996820
(S) Dibromofluoromethane	121		75.0-123		07/09/2017 10:24	WG996820
(S) 4-Bromofluorobenzene	113		80.0-120		07/09/2017 10:24	WG996820

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

MW-44-062917

Collected date/time: 06/29/17 15:00

## SAMPLE RESULTS - 18

L919841

ONE LAB. NATIONWIDE.



## Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1.06		1.00	1	07/12/2017 18:18	WG997356
Toluene	7.12		1.00	1	07/12/2017 05:52	WG997356
Ethylbenzene	ND		1.00	1	07/12/2017 05:52	WG997356
Total Xylenes	3.11		3.00	1	07/12/2017 05:52	WG997356
Methyl tert-butyl ether	ND		1.00	1	07/12/2017 05:52	WG997356
Naphthalene	ND		5.00	1	07/12/2017 18:18	WG997356
1,2-Dichloroethane	ND		1.00	1	07/12/2017 05:52	WG997356
(S) Toluene-d8	107		80.0-120		07/12/2017 18:18	WG997356
(S) Toluene-d8	105		80.0-120		07/12/2017 05:52	WG997356
(S) Dibromofluoromethane	105		76.0-123		07/12/2017 18:18	WG997356
(S) Dibromofluoromethane	97.2		76.0-123		07/12/2017 05:52	WG997356
(S) 4-Bromofluorobenzene	109		80.0-120		07/12/2017 05:52	WG997356
(S) 4-Bromofluorobenzene	106		80.0-120		07/12/2017 18:18	WG997356

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.MR.GW

SDG:

L919841

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TB-01-062917

Collected date/time: 06/29/17 07:50

SAMPLE RESULTS - 19

L919841

ONE LAB. NATIONWIDE.



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/11/2017 23:39	<u>WG997356</u>
Toluene	ND		1.00	1	07/11/2017 23:39	<u>WG997356</u>
Ethylbenzene	ND		1.00	1	07/11/2017 23:39	<u>WG997356</u>
Total Xylenes	ND		3.00	1	07/11/2017 23:39	<u>WG997356</u>
Methyl tert-butyl ether	ND		1.00	1	07/11/2017 23:39	<u>WG997356</u>
Naphthalene	ND		5.00	1	07/11/2017 23:39	<u>WG997356</u>
1,2-Dichloroethane	ND		1.00	1	07/11/2017 23:39	<u>WG997356</u>
(S) Toluene-d8	106		80.0-120		07/11/2017 23:39	<u>WG997356</u>
(S) Dibromofluoromethane	96.3		76.0-123		07/11/2017 23:39	<u>WG997356</u>
(S) 4-Bromofluorobenzene	114		80.0-120		07/11/2017 23:39	<u>WG997356</u>

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/12/2017 06:15	WG997356
Toluene	ND		1.00	1	07/12/2017 06:15	WG997356
Ethylbenzene	ND		1.00	1	07/12/2017 06:15	WG997356
Total Xylenes	ND		3.00	1	07/12/2017 06:15	WG997356
Methyl tert-butyl ether	ND		1.00	1	07/12/2017 06:15	WG997356
Naphthalene	ND		5.00	1	07/12/2017 18:38	WG997356
1,2-Dichloroethane	ND		1.00	1	07/12/2017 06:15	WG997356
(S) Toluene-d8	103		80.0-120		07/12/2017 06:15	WG997356
(S) Toluene-d8	108		80.0-120		07/12/2017 18:38	WG997356
(S) Dibromofluoromethane	96.3		76.0-123		07/12/2017 06:15	WG997356
(S) Dibromofluoromethane	105		76.0-123		07/12/2017 18:38	WG997356
(S) 4-Bromofluorobenzene	107		80.0-120		07/12/2017 18:38	WG997356
(S) 4-Bromofluorobenzene	110		80.0-120		07/12/2017 06:15	WG997356

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc



Collected date/time: 06/29/17 15:15

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	07/12/2017 06:39	WG997356
Toluene	ND		1.00	1	07/12/2017 06:39	WG997356
Ethylbenzene	ND		1.00	1	07/12/2017 06:39	WG997356
Total Xylenes	ND		3.00	1	07/12/2017 06:39	WG997356
Methyl tert-butyl ether	ND		1.00	1	07/12/2017 06:39	WG997356
Naphthalene	ND		5.00	1	07/12/2017 06:39	WG997356
1,2-Dichloroethane	ND		1.00	1	07/12/2017 06:39	WG997356
(S) Toluene-d8	104		80.0-120		07/12/2017 06:39	WG997356
(S) Dibromofluoromethane	95.1		76.0-123		07/12/2017 06:39	WG997356
(S) 4-Bromofluorobenzene	111		80.0-120		07/12/2017 06:39	WG997356

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



Collected date/time: 06/29/17 15:25

L919841

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	9410		200	200	07/12/2017 07:02	WG997356
Toluene	27200		200	200	07/12/2017 07:02	WG997356
Ethylbenzene	683		200	200	07/12/2017 07:02	WG997356
Total Xylenes	9580		600	200	07/12/2017 07:02	WG997356
Methyl tert-butyl ether	320		200	200	07/12/2017 07:02	WG997356
Naphthalene	ND		1000	200	07/12/2017 07:02	WG997356
1,2-Dichloroethane	ND		200	200	07/12/2017 07:02	WG997356
(S) Toluene-d8	99.7		80.0-120		07/12/2017 07:02	WG997356
(S) Dibromofluoromethane	94.8		76.0-123		07/12/2017 07:02	WG997356
(S) 4-bromofluorobenzene	110		80.0-120		07/12/2017 07:02	WG997356

Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	234		10.0	10	07/12/2017 07:25	WG997356
Toluene	125		10.0	10	07/12/2017 07:25	WG997356
Ethylbenzene	ND		10.0	10	07/12/2017 07:25	WG997356
Total Xylenes	ND		30.0	10	07/12/2017 07:25	WG997356
Methyl tert-butyl ether	ND		10.0	10	07/12/2017 07:25	WG997356
Naphthalene	ND		50.0	10	07/12/2017 07:25	WG997356
1,2-Dichloroethane	ND		10.0	10	07/12/2017 07:25	WG997356
(S) Toluene-d8	103		80.0-120		07/12/2017 07:25	WG997356
(S) Dibromofluoromethane	96.1		76.0-123		07/12/2017 07:25	WG997356
(S) 4-Bromofluorobenzene	108		80.0-120		07/12/2017 07:25	WG997356

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

WG996820

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

QUALITY CONTROL SUMMARY

L919841-01.02.03.04.05.06.07.08.09.10.11.12.13.14.15.16.17

ONE LAB. NATIONWIDE.

Method Blank (MB)

(MB) R3231845-2 07/09/17 02:14

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	120			75.0-123
(S) 4-Bromofluorobenzene	109			80.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3231845-1 07/09/17 01:25 • (LCSD) R3231845-3 07/09/17 12:08

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	26.6	25.3	107	101	70.0-130			5.14	20
1,2-Dichloroethane	25.0	26.4	24.7	106	98.8	70.0-130			6.76	20
Ethylbenzene	25.0	20.3	17.9	81.3	71.8	70.0-130			12.4	20
Methyl tert-butyl ether	25.0	26.9	24.0	107	95.8	70.0-130			11.4	20
Naphthalene	25.0	23.5	21.2	94.2	84.6	70.0-130			10.7	20
Toluene	25.0	22.6	20.8	90.5	83.2	70.0-130			8.37	20
Xylenes, Total	75.0	64.6	56.5	86.1	75.3	70.0-130			13.4	20
(S) Toluene-d8				106	105	80.0-120				
(S) Dibromofluoromethane				119	120	75.0-123				
(S) 4-Bromofluorobenzene				109	108	80.0-120				

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- GI
- AI
- Sc

WG997356

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

QUALITY CONTROL SUMMARY

L919841-18,19,20,21,22,23

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3232752-4 07/11/17 22:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	95.4			76.0-123
(S) 4-Bromofluorobenzene	112			80.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3232752-1 07/11/17 21:19 • (LCSD) R3232752-2 07/11/17 21:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	25.7	26.0	103	104	70.0-130			1.34	20
1,2-Dichloroethane	25.0	25.2	26.1	101	104	70.0-130			3.58	20
Ethylbenzene	25.0	22.5	23.0	90.0	91.9	70.0-130			2.17	20
Methyl tert-butyl ether	25.0	27.3	27.9	109	112	70.0-130			1.96	20
Naphthalene	25.0	21.5	24.5	86.1	97.9	70.0-130			12.8	20
Toluene	25.0	23.0	23.6	92.1	94.3	70.0-130			2.34	20
Xylenes, Total	75.0	68.3	70.2	91.1	93.6	70.0-130			2.74	20
(S) Toluene-d8				98.6	99.8	80.0-120				
(S) Dibromofluoromethane				97.5	95.5	76.0-123				
(S) 4-Bromofluorobenzene				108	109	80.0-120				

- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- Gl
- Al
- Sc

ACCOUNT: CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT: 684910.LD.MR.GW

SDG: L919841

DATE/TIME: 07/13/17 13:15

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Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> GI

<sup>8</sup> Ai

<sup>9</sup> Sc



**CH2M Hill- Kinder Morgan- Atlanta, GA**  
 6600 Peachtree Dunwoody Road

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

Report to:  
**Bethany Garvey**

Email To: bgarvey@ch2m.com;  
 tom.wiley@ch2m.com; scott.powell@ch2m.com;

Project Description: **Lewis Drive Groundwater**

City/State Collected:

Phone: **770-604-9182**  
 Fax:

Client Project #  
**684910.LD.MR.SW**

Lab Project #  
**KINCH2MGA-LEWIS12**

Collected by (print): **J. McCann**  
**M. Sumner**

Site/Facility ID #  
**Lewis Dr**

P.O. #

Collected by (signature):  
**Justine McCann**

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 X Y**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative
MW-16-062917	G	GW	N/A	6/29/17	1055	3	X
MW-36-062917		GW			1110	3	X
MW-36B-062917		GW			1113	3	X
MW-36B-062917-50		GW			1115	3	X
MW-08-062917		GW			1130	3	X
MW-09-062917		GW			1140	3	X
MW-10-062917		GW			1145	3	X
MW-32-062917		GW			1155	3	X
MW-02-062917		GW			1315	3	X
MW-02B-062917		GW			1320	3	X

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

Remarks:  
 Samples returned via:  
 UPS  FedEx  Courier

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

Relinquished by: (Signature)  
**Justine McCann**

Date: **6/29/17** Time: **1700**

Received by: (Signature)  
**[Signature]**

Trip Blank Received:  No  HCL / MeOH TBR  
**2**

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

Temp: **21°C** Bottles Received: **7011 66**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date: Time:

Received for Lab by: (Signature)  
**[Signature]**

Date: **6/30/17** Time: **0845**

Hold: Condition: **NCF 1/6 OK**

Analysis / Container / Preservative
V8260BTEXMNSC-40mlAmb-HCl
V8260BTEXMNSC-TB 40mlAmb-HCl-Bik

Chain of Custody Page 1 of 3

YOUR LAB OF CHOICE

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

QR Code

L# **919841**  
**H228**  
**919841**  
 Acctnum: **KINCH2MGA**  
 Template: **T121318**  
 Prelogin: **P605956**  
 TSR: **526 - Chris McCord**  
 PB: **6-20-17**  
 Shipped Via: **FedEX Ground**

Remarks Sample # (Lab only)  
**-01**  
**-02**  
**-03**  
**-04** field dug  
**-05**  
**-06**  
**-07**  
**-08**  
**-09**  
**-10**

**CH2M Hill- Kinder Morgan- Atlanta, GA**

6600 Peachtree Dunwoody Road

Report to:  
**Bethany Garvey**

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

Email To: bgarvey@ch2m.com;  
tom.wiley@ch2m.com; scott.powell@ch2m.com;

Project Description: **Lewis Drive Groundwater**

Phone: **770-604-9182**  
Fax:

Client Project #  
**684910.LD.MR.GW**

City/State Collected  
**KINCH2MGA-LEWIS12**

Collected by (print): **S. McCann**

Site/Facility ID #  
**Lewis Dr**

P.O. #

Collected by (signature): **Justine McCann**

**Rush?** (Lab MUST Be Notified)

Quote #

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

Date Results Needed

No of Cntrs

Immediately Packed on Ice **N A Y**

Analysis / Container / Preservative

Chain of Custody Page 2 of 3



YOUR LAB OF CHOICE  
12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-757-5859  
Fax: 615-758-5859

L# **919841**  
Table #  
Accnum: **KINCH2MGA**  
Template: **T121318**  
Prelogin: **P605956**  
TSR: **526 - Chris McCord**  
PB: **6-20-17**  
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	Analysis / Container / Preservative	Remarks	Sample # (lab only)
MW-03-062917	G	GW	N/A	6/29/17	1335	3	X		-11
MW-04-062917		GW			1340	3	X		-12
MW-05-062917		GW			1350	3	X		-13
MW-06-062917		GW			1417	3	X		-14
MW-07-062917		GW			1430	3	X		-15
MW-30-062917		GW			1440	3	X		-16
MW-13-062917		GW			1450	3	X		-17
MW-13-062917		GW			1500	3	X		-18
MW-44-062917		GW			0750	2			trip blank -19
TB-01-062917		GW			0740	3	X	X	field blank -20
FB-01-062917		GW							

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

Remarks:

pH \_\_\_ Temp \_\_\_  
Flow \_\_\_ Other \_\_\_

Sample Receipt Checklist  
COC Seal Present/Intact:  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 Headpace:  Y  N  
Preservation Correct/Checked:  Y  N

Samples returned via:  
 UPS  FedEx  Courier

Tracking #

Relinquished by (Signature) <b>Justine McCann</b>	Date <b>6/29/17</b>	Time <b>1700</b>	Received by (Signature)	Trip Blank Received: <b>Y</b> / No HCL / MeOH TBR	Temp: <b>21°C</b> Bottles Received: <b>66</b>	If preservation required by Login: Date/Time
Relinquished by (Signature)	Date	Time	Received by (Signature)	Date: <b>6/30/17</b> Time: <b>0845</b>	Hold:	Condition: <b>NCF 1/2</b>
Relinquished by (Signature)	Date	Time	Received for lab by (Signature)			

CH2M Hill- 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 2 of 3



Report to:  
**Bethany Garvey**

Email To:  
**bgarvey@ch2m.com**

Project Description:  
**Lewis Drive**

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

Phone: **770-604-9182**  
 Fax:

Client Project #  
**MR. GW 684910.LD.RA.SI**

Lab Project #  
**KINCH2MGA-LEWIS**

Collected by (print):  
*J. McLann*  
*M. Summer*

Site/Facility ID #  
**Lewis Dr**

P.O. #

Collected by (signature):  
*Justine McLann*  
 Immediately  
 Packed on Ice:  X  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	No. of Cntrs	Remarks	Sample # (lab only)
MW-45-062917	G	GW	N/A	6/29/17	1515	3	X	-21
MW-19-062917	↓	↓	↓	↓	1525	↓	X	-22
MW-22-062917	↓	↓	↓	↓	1530	↓	X	-23

V8240 BTEXMNSC - 40ml Amb-HCl

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

Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_  
 Flow \_\_\_\_\_ Other \_\_\_\_\_

Samples returned via:  
 UPS  FedEx  Courier

Tracking #

Sample Receipt Checklist	
COC Seal Present/Intact:	<input type="checkbox"/> MP <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 Headspaces:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Relinquished by: (Signature) <i>Justine McLann</i>	Date: 6/29/17	Time: 1700	Received by: (Signature)	Trip Blank Received: <input checked="" type="checkbox"/> Yes / No 2	Meq / MeqH TBR
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 21C	Bottles Received: 66
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6/30/17	Time: 0845

If preservation required by Login: Date/Time

Hold: Condition: NCF 1/0R