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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 – September 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 (Plantation), CH2M HILL Engineers, Inc. (CH2M) is submitting the attached Monthly Status Update covering activities conducted in September 2017 at the Lewis Drive site. If you have any questions or concerns, please call me at 919-760-1777, Mr. Scott Powell/CH2M at 678-530-4457, or Mr. Jerry Aycock/Plantation at 770-751-4165.

Regards,
CH2M HILL Engineers, Inc.

William M. Waldron, P.E.
Program 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
  - Surface Water Analytical Laboratory Report

- Groundwater Analytical Laboratory Reports

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File

Monthly Status Update
Plantation Pipe Line Company
Lewis Drive Remediation
Site ID #18693 "Kinder Morgan Belton Pipeline Release"
September 2017

Surface Water

- Routinely inspected Brown's Creek and the wetland area south of West Calhoun Road adjacent to Cupboard Creek for hydrocarbon sheen, odor, or distressed vegetation. No new signs of distressed vegetation, hydrocarbon sheen, or odor were noted at Brown's Creek or the wetland area south of West Calhoun Road adjacent to Cupboard Creek. 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 tabulated in Table 2 and are shown along with groundwater elevations on Figure 1.
- To date, 40 surface water sampling events have been performed and samples during each event were analyzed for benzene, toluene, ethylbenzene, xylenes, and naphthalene (see Table 3).
- During this reporting period, surface water samples were collected on September 5, 2017. Fourteen surface water samples were collected at locations SW-01, SW-02, SW-03, SW-04, SW-08, SW-09, SW-10, SW-11, SW-12, SW-13, SW-14, FP-01, FP-02, and FP-03 (locations SW-05 and SW-06 in Cupboard Creek and location SW-07 in Brown's Creek were dry).
    - The following constituent was detected above its surface water standard:
        - 57.4 µg/L benzene at SW-12
    - Apart from this location, no dissolved hydrocarbons were detected above their respective surface water standards in the remaining surface water samples. Analytical lab reports are attached.

Product Recovery

- Starting the last week of August, monitoring and product recovery frequency changed from twice per week to weekly in accordance with the Interim Free Product Recovery Plan – Revision 3, submitted to SCDHEC on August 4, 2017. Monitoring wells, recovery wells, recovery sumps, and recovery trenches in the Brown's Creek Protection Zone and Cupboard Creek Protection Zone will be gauged weekly. All other features will be gauged monthly.
- Gauged depth to product and depth to water in recovery sumps, trenches, and wells, piezometers, monitoring wells, and stream gauges on a routine basis. A site-wide gauging event was performed on August 10 and 15, 2017. The weekly features were gauged on September 15, and the monthly features were gauged on September 10. Only 6 locations displayed measurable product thicknesses of 0.5 foot or greater. The greatest product thickness measured for the recovery features (recovery sumps, trenched, and wells) was 1.86 feet, at RW-05. The greatest product thickness measured for the non-recovery features (piezometers, monitoring wells, and stream gauges) was 0.94 feet, at TW-42. All locations showing greater than 0.5 feet of product are away from surface water bodies at the site. Recovery features, piezometers, and monitoring well construction information is presented in Table 4. Groundwater elevation and product thickness data for September 2017 are presented in Table 5. Groundwater elevation and product thicknesses for September 2017, are presented on Figures 1 and 2, respectively.
- Approximately 105 gallons of product were collected in September 2017 during 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 September 2017, approximately 222,974 gallons (5,309 barrels) of product have been collected.

Groundwater

- Operated and recorded data from five continuous water level data loggers (In Situ Rugged Troll 100) in MW-02, MW-12, MW-15, MW-20, and MW-40, and two barometric pressure loggers in MW-01 and MW-10 during the month.
- 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.
    - During this reporting period, groundwater samples were collected on September 7 and 8, 2017, from 42 monitoring wells for benzene, toluene, ethylbenzene, xylenes, 1,2-dichloroethane, methyl tert-butyl ether (MTBE), and naphthalene

- The following constituents were detected above their respective groundwater standards:
  - Benzene – in 15 monitoring wells ranging from 6.81 to 14,300 µg/L
  - Ethylbenzene – in 2 monitoring wells ranging from 1,240 to 1,250 µg/L
  - Toluene – in 6 monitoring wells ranging from 1,040 to 28,700 µg/L
  - MTBE – in 7 monitoring wells ranging from 133 to 1,330 µg/L
  - Naphthalene – in 3 monitoring wells ranging from 201 to 389 µg/L
- Apart from these locations, no dissolved hydrocarbons were detected above their respective groundwater standards in the remaining groundwater samples.

- Installed residuum wells MW-46, MW-47, and MW-49.

Remedial System Operation

- Continued biosparging via vertical well curtains in the Brown's Creek Protection Zone and Cupboard Creek Protection Zone, and biosparging via horizontal wells in the Hayfield Zone.

Regulatory Interaction

- Submitted *Monthly Status Update for July* to SCDHEC on September 5, 2017.
- Received *Final Revisions to Corrective Action Plan Addendum Request* from SCDHEC on September 12, 2017.
- Received *Monthly Report Reviews & Monitoring Well Approval* from SCDHEC on September 12, 2017.
- Conducted internal stormwater pollution prevention plan (SWPPP) inspections on September 5, 13, 20, and 25, 2017.
- The Anderson County Stormwater Department performed a SWPPP inspection on September 25, 2017. Only comment given was to continue working on stabilizing bare areas throughout the site not actively being worked.

Future Activities

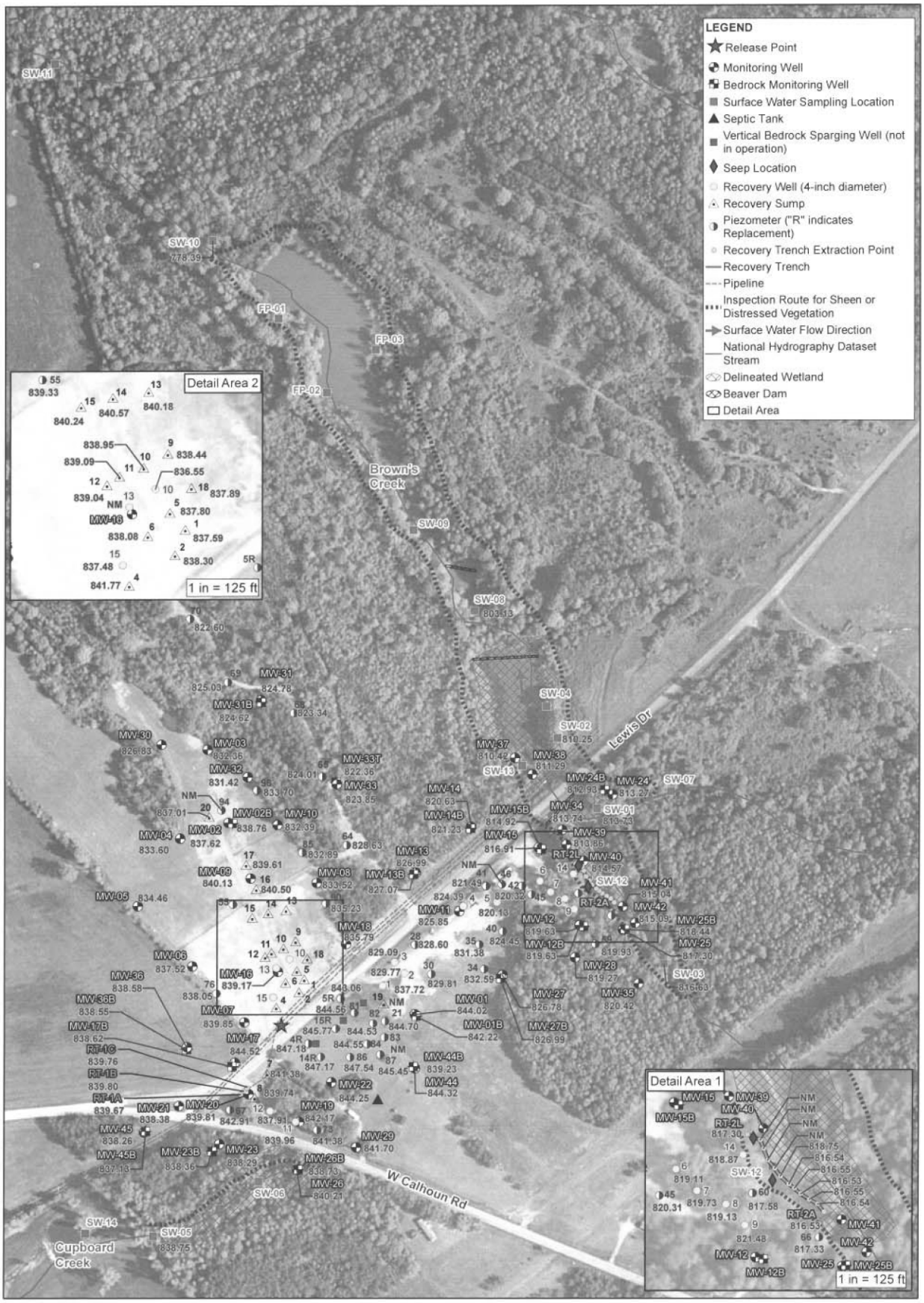
- Upon approval from SCDHEC, increase flow in the stream aerators to up to 15 standard cubic feet per minute (scfm) each in accordance with the *Sparging Operating Limits* letter to SCDHEC dated July 26, 2017.
- Install proposed residuum well MW-43.
- Install proposed bedrock wells MW-06B, MW-09B, MW-43B, MW-48B, and MW-50B.
- Conduct monitoring and reporting monthly.
- Gauge select recovery sumps, trenches, and wells once weekly located near Brown's Creek and Cupboard Creek for depth to groundwater and free product thickness.
- Evacuate product from select product recovery sumps, trenches, and wells once weekly located near Brown's Creek and Cupboard Creek.
- Gauge monitoring wells and piezometers monthly for depth to groundwater and free product thickness.
- Collect liquids in two on-site 1,550-gallon poly tanks for eventual off-site disposal.
- Continue routine visual inspections of Brown's Creek and Cupboard Creek.
- Conduct monthly surface water sampling at 17 established locations along Brown's Creek and Cupboard Creek.
- Continue coordination with landowners and legal counsel on an as-needed basis.

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
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
8/25/2017	A&D Archdale, NC	566
9/8/2017	A&D Archdale, NC	99
9/28/2017	Remaining in poly tanks on site	6
	Total (gallons)	**222,974**
	Total (barrels)	**5,309**

Notes:

1. Two 1,550-gallon poly tanks were mobilized to the site in August 2017, and put into service on September 1, 2017. These will replace the frac tank that has been onsite since January 2017. Gasoline and water are field-segregated using the poly tanks prior to off-site disposal.



814.92 Corrected Groundwater Elevation as of 9/10/2017 (monthly gauging features) and 9/15/2017 (weekly gauging features) in feet above mean sea level

NM Not measured

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

N

0 750 1,500
Scale in Feet

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

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Figure 2. Product Thickness Map
Lewis Drive Remediation Site
Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

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Table 1. Field Observation Log

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Date	Inspect Wetlands South of Calhoun Road (Any odor, sheen or distressed vegetation? Describe.)	Inspect Brown's Creek Upstream and Downstream of the Culvert Under Lewis Drive (Any odor, sheen or distressed vegetation? Describe.)
9/5/2017	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.
9/10/2017	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.
9/15/2017	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.
9/21/2017	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.
9/28/2017	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 Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Date Installed	Stream Bottom Elevation (ft amsl)	Elevation of Zero Mark (ft amsl)
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

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

				Analyte						
Location	Sample ID	Date Collected	Units	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
SW-01	SW01-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U[d]	1 U
	SW01-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-033115	3/31/2015	µg/L	5 U[d]	5 U	17.6	10 U	5 U	5 U[d]	NA
	SW01-042215	4/22/2015	µg/L	5 U[d]	5 U	14.9	10 U	5 U	5 U[d]	NA
	SW01-050715	5/7/2015	µg/L	5 U[d]	5 U	7.0	10 U	5 U	5 U[d]	NA
	SW01-051915	5/19/2015	µg/L	5 U[d]	5 U	8.8	10.6	6.4	5 U[d]	NA
	SW01-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW01-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW01-112415	11/24/2015	µg/L	7.8	1.5	13.0	9.8	4.6	1 U[d]	NA
	SW01-122215	12/22/2015	µg/L	4.6	1 U	8.8	5.5	3.1	1 U[d]	NA
	SW01-012516	1/25/2016	µg/L	17.6	2.3	36.0	11.8	6.3	1 U[d]	NA
	SW01-021816	2/18/2016	µg/L	23.4	3.0	55.6	15.0	9.1	1 U[d]	NA
	SW01-031616	3/16/2016	µg/L	20.1	2.4	42.8	13.8	7.6	1 U[d]	NA
	SW01-042716	4/27/2016	µg/L	20.8	1 U	30.6	2.9	2.0	1 U[d]	NA
	SW01-050916	5/9/2016	µg/L	16.5	1.4	16.3	7.0	4.8	1 U[d]	NA
	SW01-062716	6/27/2016	µg/L	9	1 U	3.3	2 U	1 U	1 U[d]	NA
	SW01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW01-112816	11/28/2016	µg/L	5.0	1 U	10.4	4.9	8.3	1 U[d]	NA
	SW01-122916	12/29/2016	µg/L	12.6	1 U	22.1	11.2	13.5	1 U[d]	NA
	SW01-012017	1/20/2017	µg/L	1.0	1 U	2.3	2 U	3.5	1 U[d]	NA
	SW01-022817	2/28/2017	µg/L	18.5	1.93	57.0	13.8	10.2	5 U[d]	NA
	SW01-031517	3/15/2017	µg/L	3.02	1 U	5.13	2.16	1.74	5 U[d]	NA
	SW01-032117	3/21/2017	µg/L	1 U	1 U	1.57	2 U	1 U	5 U[d]	NA
	SW01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW01-040517	4/5/2017	µg/L	1 U	1 U	2.25	2 U	1 U	5 U[d]	NA
	SW01-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW01-061317	6/13/2017	µg/L	1 U	1 U	1.90	2 U	1 U	5 U[d]	NA
	SW01-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW01-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW01-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

Table 3. Analytical Results for Surface Water

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-02	SW02-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U[d]	1 U
	SW02-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-033115	3/31/2015	µg/L	5 U[d]	5 U	6.0	10 U	5 U	5 U[d]	NA
	SW02-042215	4/22/2015	µg/L	5 U[d]	5 U	13.0	10 U	5 U	5 U[d]	NA
	SW02-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW02-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-112415	11/24/2015	µg/L	8	1.3	10.0	7.8	4.0	1 U[d]	NA
	SW02-122215	12/22/2015	µg/L	4.3	1 U	7.6	5.1	3.1	1 U[d]	NA
	SW02-012516	1/25/2016	µg/L	12	1.5	25.0	8.4	4.6	1 U[d]	NA
	SW02-021816	2/18/2016	µg/L	15.3	1.8	35.3	10.1	5.9	1 U[d]	NA
	SW02-031616	3/16/2016	µg/L	8	1.0	17.5	5.8	3.9	1 U[d]	NA
	SW02-042716	4/27/2016	µg/L	3.4	1 U	7.1	2 U	1 U	1 U[d]	NA
	SW02-050916	5/9/2016	µg/L	7.1	1 U	4.5	2.2	1.6	1 U[d]	NA
	SW02-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-112816	11/28/2016	µg/L	3.4	1 U	1.6	2.6	4.8	1 U[d]	NA
	SW02-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1.4	1 U[d]	NA
	SW02-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW02-022817	2/28/2017	µg/L	10.7	1 U	11.0	4.14	4.23	5 U[d]	NA
	SW02-031517	3/15/2017	µg/L	11.4	1 U	8.6	4.45	3.6	5 U[d]	NA
	SW02-032117	3/21/2017	µg/L	8.42	1 U	2.45	2.48	2.68	5 U[d]	NA
	SW02-033017	3/30/2017	µg/L	2.18	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW02-040517	4/5/2017	µg/L	2.87	1 U	1.12	2 U	1.14	5 U[d]	NA
	SW02-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW02-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW02-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW02-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW02-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

Location	Sample ID	Date Collected	Units	Analyte Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-03	SW-UPGRADIENT	1/20/2015	µg/L	0.5 U	1 U	0.29 J	2 U	1 U	1 U[d]	1 U
	SW03-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW03-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW03-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-04	SW-DOWNGRADIENT	1/20/2015	µg/L	[illegible]	27	310	110	63	[illegible]	2.7
	SW04-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW04-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-112415	11/24/2015	µg/L	1.7	1 U	2.7	2.9	1.6	1 U[d]	NA
	SW04-122215	12/22/2015	µg/L	[illegible]	1 U	7.3	5.2	2.7	1 U[d]	NA
	SW04-012516	1/25/2016	µg/L	[illegible]	1 U	14.0	4.9	2.8	1 U[d]	NA
	SW04-021816	2/18/2016	µg/L	[illegible]	1.1	25.4	7.0	4.3	1 U[d]	NA
	SW04-031616	3/16/2016	µg/L	1 U	1 U	2.0	2 U	1.8	1 U[d]	NA
	SW04-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-062716	6/27/2016	µg/L	1 U	1 U	1.1	2 U	1 U	1 U[d]	NA
	SW04-072816	7/28/2016	µg/L	1 U	1 U	23.5	2 U	1 U	1 U[d]	NA
	SW04-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW04-022817	2/28/2017	µg/L	1 U	1 U	1.13	2 U	1 U	5 U[d]	NA
	SW04-031517	3/15/2017	µg/L	1 U	1 U	2.90	2 U	1 U	5 U[d]	NA
	SW04-032117	3/21/2017	µg/L	1 U	1 U	3.28	2 U	1 U	5 U[d]	NA
	SW04-033017	3/30/2017	µg/L	1 U	1 U	6.15	2 U	1 U	5 U[d]	NA
	SW04-040517	4/5/2017	µg/L	1 U	1 U	9.47	2 U	1 U	5 U[d]	NA
	SW04-050417	5/4/2017	µg/L	1 U	1 U	13.8	2 U	1 U	5 U[d]	NA
	SW04-061317	6/13/2017	µg/L	1 U	1 U	1.37	2 U	1 U	5 U[d]	NA
	SW04-071817	7/18/2017	µg/L	1 U	1 U	1.92	2 U	1 U	5 U[d]	NA
	SW04-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW04-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

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

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

				Analyte						
Location	Sample ID	Date Collected	Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-07	SW07-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW07-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW07-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW07-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW07-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW07-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW07-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW07-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW07-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

				Analyte						
Location	Sample ID	Date Collected	Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Napthalene	MTBE
	SW08-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW08-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-122215	12/22/2015	µg/L	1.6	1 U	3.8	2.5	1.6	1 U[d]	NA
	SW08-012516	1/25/2016	µg/L	2.4	1 U	5.6	2	1.3	1 U[d]	NA
	SW08-021816	2/18/2016	µg/L	2.9	1 U	7.6	2.3	1.5	1 U[d]	NA
	SW08-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
SW-08	SW08-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW08-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW08-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
	SW09-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW09-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-122215	12/22/2015	µg/L	2.1	1 U	4.8	3.3	2.1	1 U[d]	NA
	SW09-012516	1/25/2016	µg/L	3.3	1 U	7.1	2.4	1.5	1 U[d]	NA
	SW09-021816	2/18/2016	µg/L	2.2	1 U	5.9	2 U	1.2	1 U[d]	NA
	SW09-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
SW-09	SW09-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW09-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW09-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
	SW10-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW10-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
SW-10	SW10-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW10-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW10-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW-10-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW-10-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW-10-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW10-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW10-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW10-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW10-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW10-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

				Analyte						
Location	Sample ID	Date Collected	Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
	SW11-022515	2/25/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-030215	3/2/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-031115	3/11/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-031815	3/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-033115	3/31/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-042215	4/22/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-050715	5/7/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-051915	5/19/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-060315	6/3/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-061815	6/18/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-071515	7/15/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-081315	8/13/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-092415	9/24/2015	µg/L	5 U[d]	5 U	5 U	10 U	5 U	5 U[d]	NA
	SW11-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
SW-11	SW11-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW11-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW11-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW-11-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW-11-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW-11-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW11-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW11-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW11-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW11-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW11-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

Table 3. Analytical Results for Surface Water

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
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[e]	NA
	SW12-031517	3/15/2017	µg/L	125	15.3	185	67.9	35.5	5 U[e]	NA
	SW12-032117	3/21/2017	µg/L	134	12.1	45.0	60.8	33.6	5 U[e]	NA
	SW12-033017	3/30/2017	µg/L	48.5	5.69	86.3	27.7	15.8	5 U[d]	NA
	SW12-040517	4/5/2017	µg/L	67.1	9.24	127.0	43.6	23.7	5 U[d]	NA
	SW12-050417	5/4/2017	µg/L	52.8	7.96	91.7	42	23.2	5 U[d]	NA
	SW12-061317	6/13/2017	µg/L	102	16.6	166	85.1	46.2	5 U[d]	NA
	SW12-071817	7/18/2017	µg/L	65	5.8	116	43.3	24.8	5 U[d]	NA
	SW12-080217	8/2/2017	µg/L	125	14.7	204	102	67	5 U[d]	NA
	SW12-090517	9/5/2017	µg/L	46.7	4.72	72	39	26.2	5 U[d]	NA
	SW12-090517-DUP	9/5/2017	µg/L	57.4	5.5	86.5	46.2	32.1	5 U[d]	NA
SW-13	SW13-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW13-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW13-103116	10/31/2016	µg/L	1 U	1 U	2.0	2 U	1 U	1 U[d]	NA
	SW13-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW13-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW13-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	SW13-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-040517	4/5/2017	µg/L	1 U	1 U	1.21	2 U	1 U	5 U[d]	NA
	SW13-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW13-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
SW-14	SW14-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW14-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	SW14-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
	FP01-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
FP-01	FP01-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP01-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP01-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-01-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP02-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
FP-02	FP02-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP02-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP02-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-02-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA

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

Location	Sample ID	Date Collected	Units	Analyte						
				Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
FP-03	FP03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[d]	NA
	FP03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-040517	4/5/2017	µg/L	NS	NS	NS	NS	NS	NS	NA
	FP-03-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-061317	6/13/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-071817	7/18/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-080217	8/2/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
	FP-03-090517	9/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[d]	NA
		Screening Value:	µg/L	2.2 [a]	530 [a]	1,000 [a]	190 [b,c]	190 [b]	0.17 [b]	14 [b]

Notes:
[a] South Carolina Department of Health and Environmental Control (SC DHEC) R.61-68, Water Classifications and Standards, Human Health for consumption of water and organism, June 22, 2012
[b] 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 10-6
[c] RSL value for total xylenes used for m&p-Xylene
[d] 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
Bold indicates the analyte was detected above the method detection limit.
Gray shading indicates the analyte exceeded RBSLs.

µg/L = microgram(s) per liter
FP = free product
ID = identification
J = estimated
MTBE = methyl tertiary butyl ether
NA = not applicable
NS = not sampled
SW = surface water
U = analyte was not detected above the reported sample quantitation limit

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation Site, 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)
Monitoring Wells																			
MW-01	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	850.25	853.07	15.61	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	45.26	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	19.78	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	81.00	10	6	81.00	760.4	69.78	80.78	70.0	81.0	771.4	760.4	11
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	20.65	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	19.89	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	13.60	8	2	13.50	839.5	3.50	13.50	3.5	13.5	849.5	839.5	10
MW-08	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	844.75	844.72	19.80	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	20.21	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	23.54	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	32.50	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	21.69	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	45.81	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	55.36	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	22.20	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	76.97	10	6	76.90	760.2	66.07	76.07	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	21.22	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	74.41	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	6/26/2015	Still in use	Monitoring Well/Gauging	847.63	847.67	20.37	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	27.50	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	19.75	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	853.94	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	19.45	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	20.70	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	10.30	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	23.50	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	53.48	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	15.30	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	45.10	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	18.07	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	59.00	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	17.15	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	43.84	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	29.51	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	4/26/2016	Still in use	Monitoring Well/Gauging	854.27	857.14	41.45	10	6	46.00	808.3	31.45	41.45	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	25.93	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	15.10	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	14.69	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	28.20	8	2	25.00	817.3	13.20	28.20	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	79.25	10	6	76.00	766.0	68.25	79.25	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	29.09	8	2	26.00	813.8	13.09	28.09	10.0	25.0	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	28.30	8	2	27.00	819.2	11.30	26.30	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	100.35	8	2	96.50	749.7	87.85	97.85	84.0	94.0	762.2	752.2	10.00
MW-34	Hand Auger	MW-10994	3/16/2017	Still in use	Monitoring Well/Gauging	813.99	816.35	7.86	4	2	5.00	809.0	5.36	7.86	2.5	5.0	811.5	809.0	2.50

Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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)
MW-35	CME 550 HSA	MW-10578	4/20/2016	Still in use	Monitoring Well/Gauging	826.22	829.40	28.42	8	2	26.00	800.2	12.42	27.42	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	23.65	8	2	24.50	834.2	8.65	23.65	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	47.54	10	6	54.90	803.6	36.64	46.64	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	11.61	6.25	2	9.10	801.4	6.41	11.41	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	13.01	6.25	2	11.00	805.9	7.01	12.01	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	13.18	6.25	2	11.00	803.8	7.18	12.18	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	13.20	6.25	2	11.00	805.7	7.20	12.20	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	13.40	6.25	2	11.00	806.3	7.40	12.40	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	9.82	6.25	2	10.00	843.8	4.82	9.82	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	34.50	10.25	4	37.10	816.6	13.50	34.50	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	14.42	6.25	2	14.00	838.4	4.42	14.42	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	40.30	10.25	4	40.30	812.4	19.00	40.30	19.0	40.3	833.7	812.4	21.30
Recovery Wells																			
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	1/29/2015	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	2/2/2015	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	2/4/2015	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
Recovery Sumps																			
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	10.75	NA	4	9.64	840.7	3.11	10.75	2.0	9.6	848.4	840.7	7.64
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
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

Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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)
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-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	9.54	2.2	1	14	835.7	-0.46	9.54	4.0	9.6	845.7	840.2	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-55	DPT	MW-10006	2/5/2015	Still in use	Gauging	846.00	845.93	41.50	2.7	1	43	803.0	11.50	41.50	13.0	41.6	833.0	804.4	30
TW-59	DPT	MW-09978	1/30/2015	Still in use	Gauging	834.84	834.78	21.15	2.7	1	22	812.8	6.15	21.15	7.0	21.2	827.8	813.6	15
TW-60	DPT	MW-09978	1/30/2015	Still in use	Gauging	828.00	828.03	37.20	2.7	1	41.5	786.5	2.20	37.20	6.5	37.2	821.5	790.8	35
TW-64	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.89	845.88	52.85	2.2	1	55	790.9	2.85	52.85	5.0	52.9	840.9	793.0	50
TW-65	DPT	MW-09978	2/2/2015	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	2/2/2015	Still in use	Gauging	820.18	820.31	23.81	2.7	1	24	796.2	3.81	23.81	4.0	23.7	816.2	796.5	20
TW-67	DPT	MW-09978	2/3/2015	Still in use	Gauging	852.88	852.71	26.47	2.7	1	27	825.9	6.47	26.47	7.0	26.6	845.9	826.2	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
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

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation Site, 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)
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	28.76	2.7	1	30	810.5	3.76	28.76	5.0	28.9	835.5	811.6	25
Vertical Air Sparging Wells																			
VAS-01	Mobile B57 HSA	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	7/5/2016	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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
VAS-35	Mobile B57 HSA	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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

Table 4. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-42A	Mobile B57 HSA	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469	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	SCHE03020469M	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	SCHE03020469M	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	SCHE03020469M	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 Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-01					853.07			-	-	-
	9/10/2017	-	9.05	-		844.02	-	-	-	-
	9/6/2017	-	8.30	-		844.77	-	-	-	-
MW-01B					852.99			-	-	-
	9/10/2017	-	10.77	-		842.22	-	-	-	-
	9/6/2017	-	10.78	-		842.21	-	-	-	-
MW-02					841.04			-	-	-
	9/10/2017	-	3.42	-		837.62	-	-	-	-
	9/6/2017	-	4.21	-		836.83	-	-	-	-
MW-02B					841.18			-	-	-
	9/10/2017	-	2.42	-		838.76	-	-	-	-
	9/6/2017	-	1.94	-		839.24	-	-	-	-
MW-03					838.36			-	-	-
	9/10/2017	-	6.00	-		832.36	-	-	-	-
	9/6/2017	-	NM	-		-	-	-	-	-
MW-04					844.42			-	-	-
	9/10/2017	-	10.82	-		833.60	-	-	-	-
	9/6/2017	-	11.07	-		833.35	-	-	-	-
MW-05					851.11			-	-	-
	9/10/2017	-	16.65	-		834.46	-	-	-	-
	9/6/2017	-	16.50	-		834.61	-	-	-	-
MW-06					852.92			-	-	-
	9/10/2017	-	15.40	-		837.52	-	-	-	-
	9/6/2017	-	15.34	-		837.58	-	-	-	-
MW-07					853.02			-	-	-
	9/10/2017	-	13.17	-		839.85	-	-	-	-
	9/6/2017	-	13.20	-		839.82	-	-	-	-
MW-08					844.72			-	-	-
	9/10/2017	-	11.20	-		833.52	-	-	-	-
	9/6/2017	-	11.92	-		832.80	-	-	-	-
MW-09					843.63			-	-	-
	9/10/2017	-	3.50	-		840.13	-	-	-	-
	9/6/2017	2.81	3.00	0.19		840.63	840.77	-	-	-
MW-10					845.41			-	-	-
	9/10/2017	-	13.02	-		832.39	-	-	-	-
	9/6/2017	-	13.50	-		831.91	-	-	-	-
MW-11					855.63			-	-	-
	9/10/2017	29.68	30.04	0.36		825.59	825.85	-	-	-
	9/6/2017	29.69	30.04	0.35		825.59	825.84	-	-	-
MW-12					834.53			-	-	-
	9/10/2017	-	14.90	-		819.63	-	-	-	-
	9/6/2017	-	14.84	-		819.69	-	-	-	-
MW-12B					834.98			-	-	-
	9/10/2017	-	15.35	-		819.63	-	-	-	-
	9/6/2017	-	15.20	-		819.78	-	-	-	-
MW-13					848.84			-	-	-
	9/10/2017	-	21.85	-		826.99	-	-	-	-
	9/6/2017	-	21.85	-		826.99	-	-	-	-
MW-13B					849.82			-	-	-
	9/10/2017	-	22.75	-		827.07	-	-	-	-
	9/6/2017	-	22.70	-		827.12	-	-	-	-
MW-14					838.70			-	-	-
	9/10/2017	-	18.07	-		820.63	-	-	-	-
	9/6/2017	-	18.08	-		820.62	-	-	-	-
MW-14B					840.20			-	-	-
	9/10/2017	-	18.97	-		821.23	-	-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-14B (cont'd)	9/6/2017	-	18.84	-		821.36	-	-	-	-
MW-15					831.03			-	-	-
	9/10/2017	-	14.12	-		816.91	-	-	-	-
	9/6/2017	-	13.87	-		817.16	-	-	-	-
MW-15B					831.29			-	-	-
	9/10/2017	-	16.37	-		814.92	-	-	-	-
	9/6/2017	-	16.40	-		814.89	-	-	-	-
MW-16					847.67			-	-	-
	9/10/2017	-	8.50	-		839.17	-	-	-	-
	9/6/2017	8.95	9.10	0.15		838.57	838.67	-	-	-
MW-17					855.35			-	-	-
	9/10/2017	-	10.83	-		844.52	-	-	-	-
	9/6/2017	-	10.85	-		844.50	-	-	-	-
MW-17B					855.37			-	-	-
	9/10/2017	-	16.75	-		838.62	-	-	-	-
	9/6/2017	-	16.71	-		838.66	-	-	-	-
MW-18					846.89			-	-	-
	9/10/2017	-	11.10	-		835.79	-	-	-	-
	9/6/2017	12.68	12.71	0.03		834.18	834.20	-	-	-
MW-19					853.94			-	-	-
	9/10/2017	-	11.77	-		842.17	-	-	-	-
	9/6/2017	-	11.76	-		842.18	-	-	-	-
MW-20					852.89			-	-	-
	9/10/2017	12.94	13.45	**0.51**		839.44	839.81	-	-	-
	9/6/2017	12.99	13.71	**0.72**		839.18	839.70	-	-	-
MW-21					855.77			-	-	-
	9/10/2017	-	17.39	-		838.38	-	-	-	-
	9/6/2017	-	17.34	-		838.43	-	-	-	-
MW-22					854.60			-	-	-
	9/10/2017	-	DRY	-		-	-	-	-	-
	9/6/2017	-	10.35	-		844.25	-	-	-	-
MW-23					849.57			-	-	-
	9/10/2017	-	11.28	-		838.29	-	-	-	-
	9/6/2017	-	11.22	-		838.35	-	-	-	-
MW-23B					849.69			-	-	-
	9/10/2017	-	11.33	-		838.36	-	-	-	-
	9/6/2017	-	11.21	-		838.48	-	-	-	-
MW-24					817.92			-	-	-
	9/10/2017	-	4.65	-		813.27	-	-	-	-
	9/6/2017	-	4.47	-		813.45	-	-	-	-
MW-24B					818.72			-	-	-
	9/10/2017	-	5.79	-		812.93	-	-	-	-
	9/6/2017	-	5.83	-		812.89	-	-	-	-
MW-25					826.18			-	-	-
	9/10/2017	-	8.88	-		817.30	-	-	-	-
	9/6/2017	-	8.83	-		817.35	-	-	-	-
MW-25B					823.81			-	-	-
	9/10/2017	-	5.37	-		818.44	-	-	-	-
	9/6/2017	-	5.62	-		818.19	-	-	-	-
MW-26					847.56			-	-	-
	9/10/2017	-	7.35	-		840.21	-	-	-	-
	9/6/2017	-	7.18	-		840.38	-	-	-	-
MW-26B					847.81			-	-	-
	9/10/2017	-	9.08	-		838.73	-	-	-	-
	9/6/2017	-	8.95	-		838.86	-	-	-	-
MW-27					854.11			-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-27 (cont'd)	9/10/2017	-	27.33	-		826.78	-	-	-	-
	9/6/2017	-	27.28	-		826.83	-	-	-	-
MW-27B					857.14			-	-	-
	9/10/2017	-	30.15	-		826.99	-	-	-	-
	9/6/2017	30.06	30.07	0.01		827.07	827.08	-	-	-
MW-28					844.31			-	-	-
	9/10/2017	-	25.04	-		819.27	-	-	-	-
	9/6/2017	-	23.48	-		820.83	-	-	-	-
MW-29					852.20			-	-	-
	9/10/2017	-	10.50	-		841.70	-	-	-	-
	9/6/2017	-	10.41	-		841.79	-	-	-	-
MW-30					841.28			-	-	-
	9/10/2017	-	14.45	-		826.83	-	-	-	-
	9/6/2017	-	14.56	-		826.72	-	-	-	-
MW-31					845.04			-	-	-
	9/10/2017	-	20.26	-		824.78	-	-	-	-
	9/6/2017	-	20.35	-		824.69	-	-	-	-
MW-31B					844.94			-	-	-
	9/10/2017	-	20.32	-		824.62	-	-	-	-
	9/6/2017	-	20.34	-		824.60	-	-	-	-
MW-32					842.93			-	-	-
	9/10/2017	-	11.51	-		831.42	-	-	-	-
	9/6/2017	-	12.32	-		830.61	-	-	-	-
MW-33					849.20			-	-	-
	9/10/2017	-	25.35	-		823.85	-	-	-	-
	9/6/2017	-	25.30	-		823.90	-	-	-	-
MW-33T					849.11			-	-	-
	9/10/2017	-	26.75	-		822.36	-	-	-	-
	9/6/2017	-	26.71	-		822.40	-	-	-	-
MW-34					816.35			-	-	-
	9/10/2017	-	2.61	-		813.74	-	-	-	-
	9/6/2017	-	2.53	-		813.82	-	-	-	-
MW-35					829.40			-	-	-
	9/10/2017	-	8.98	-		820.42	-	-	-	-
	9/6/2017	-	9.74	-		819.66	-	-	-	-
MW-36					858.47			-	-	-
	9/10/2017	-	19.89	-		838.58	-	-	-	-
	9/6/2017	-	19.82	-		838.65	-	-	-	-
MW-36B					858.15			-	-	-
	9/10/2017	-	19.60	-		838.55	-	-	-	-
	9/6/2017	-	19.53	-		838.62	-	-	-	-
MW-37					813.92			-	-	-
	9/10/2017	-	3.50	-		810.42	-	-	-	-
	9/6/2017	-	3.46	-		810.46	-	-	-	-
MW-38					813.28			-	-	-
	9/10/2017	-	1.99	-		811.29	-	-	-	-
	9/6/2017	-	1.88	-		811.40	-	-	-	-
MW-39					819.90			-	-	-
	9/10/2017	-	6.04	-		813.86	-	-	-	-
	9/6/2017	-	5.50	-		814.40	-	-	-	-
MW-40					817.79			-	-	-
	9/10/2017	-	3.22	-		814.57	-	-	-	-
	9/6/2017	-	2.88	-		814.91	-	-	-	-
MW-41					819.68			-	-	-
	9/10/2017	-	4.64	-		815.04	-	-	-	-
	9/6/2017	-	4.49	-		815.19	-	-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-42					820.33			-	-	-
	9/10/2017	-	5.24	-		815.09	-	-	-	-
	9/6/2017	-	5.16	-		815.17	-	-	-	-
MW-44					853.67			-	-	-
	9/10/2017	-	9.35	-		844.32	-	-	-	-
	9/6/2017	-	9.38	-		844.29	-	-	-	-
MW-44B					853.38			-	-	-
	9/10/2017	-	14.15	-		839.23	-	-	-	-
	9/6/2017	-	13.95	-		839.43	-	-	-	-
MW-45					852.47			-	-	-
	9/10/2017	-	14.21	-		838.26	-	-	-	-
	9/6/2017	-	14.19	-		838.28	-	-	-	-
MW-45B					852.85			-	-	-
	9/10/2017	-	15.72	-		837.13	-	-	-	-
	9/6/2017	-	15.70	-		837.15	-	-	-	-
RS-01					849.13			-	-	-
	9/10/2017	11.45	11.77	0.32		837.36	837.59	-	-	-
RS-02					849.52			-	-	-
	9/10/2017	11.17	11.37	0.20		838.15	838.30	-	-	-
RS-04					851.47			-	-	-
	9/10/2017	-	9.70	-		841.77	-	-	-	-
RS-05					848.31			-	-	-
	9/10/2017	10.35	10.95	0.60		837.36	837.80	-	-	-
RS-06					849.47			-	-	-
	9/10/2017	11.36	11.46	0.10		838.01	838.08	-	-	-
RS-07					855.08			-	-	-
	9/28/2017	13.92	13.95	0.03		841.13	841.15	9/28/2017	13:30	13:35
	9/21/2017	13.76	13.77	0.01		841.31	841.32	-	-	-
	9/15/2017	13.70	13.71	0.01		841.37	841.38	-	-	-
	9/10/2017	13.91	13.98	0.07		841.10	841.15	-	-	-
	9/5/2017	13.89	13.99	0.10		841.09	841.17	9/5/2017	8:25	8:30
RS-08					854.00			-	-	-
	9/28/2017	14.41	14.69	0.28		839.31	839.51	9/28/2017	13:35	13:40
	9/21/2017	14.23	14.42	0.19		839.58	839.72	-	-	-
	9/15/2017	14.21	14.41	0.20		839.59	839.74	-	-	-
	9/10/2017	14.39	14.68	0.29		839.32	839.53	-	-	-
	9/5/2017	14.31	14.58	0.27		839.42	839.62	9/5/2017	8:30	8:35
RS-09					847.60			-	-	-
	9/10/2017	9.15	9.20	0.05		838.40	838.44	-	-	-
RS-10					847.42			-	-	-
	9/10/2017	-	8.47	-		838.95	-	-	-	-
RS-11					847.44			-	-	-
	9/10/2017	-	8.35	-		839.09	-	-	-	-
RS-12					847.74			-	-	-
	9/10/2017	-	8.70	-		839.04	-	-	-	-
RS-13					846.61			-	-	-
	9/10/2017	-	6.43	-		840.18	-	-	-	-
RS-14					845.97			-	-	-
	9/10/2017	-	5.40	-		840.57	-	-	-	-
RS-15					846.41			-	-	-
	9/10/2017	6.17	6.18	0.01		840.23	840.24	-	-	-
RS-16					845.44			-	-	-
	9/10/2017	-	4.94	-		840.50	-	-	-	-
RS-17					844.22			-	-	-
	9/10/2017	-	4.61	-		839.61	-	-	-	-
RS-18					847.89			-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-18 (cont'd)	9/10/2017	-	10.00	-		837.89	-	-	-	-
RS-19					850.40			-	-	-
	9/10/2017	-	NM	-		-	-	-	-	-
RS-20					842.69			-	-	-
	9/10/2017	-	5.68	-		837.01	-	-	-	-
RT-1A					854.06			-	-	-
	9/28/2017	14.62	14.72	0.10		839.34	839.41	9/28/2017	13:05	13:10
	9/21/2017	14.43	14.50	0.07		839.56	839.61	-	-	-
	9/15/2017	14.38	14.42	0.04		839.64	839.67	-	-	-
	9/5/2017	14.54	14.68	0.14		839.38	839.48	9/5/2017	8:35	8:40
RT-1B					854.15			-	-	-
	9/28/2017	14.58	14.68	0.10		839.47	839.54	9/28/2017	13:15	13:20
	9/21/2017	14.39	14.46	0.07		839.69	839.74	-	-	-
	9/15/2017	14.34	14.38	0.04		839.77	839.80	-	-	-
	9/5/2017	14.50	14.63	0.13		839.52	839.61	9/5/2017	8:45	8:50
RT-1C					854.55			-	-	-
	9/28/2017	15.02	15.11	0.09		839.44	839.51	9/28/2017	13:25	13:30
	9/21/2017	14.82	14.90	0.08		839.65	839.71	-	-	-
	9/15/2017	14.78	14.82	0.04		839.73	839.76	-	-	-
	9/5/2017	14.94	15.05	0.11		839.50	839.58	9/5/2017	8:50	8:55
RT-2A					817.48			-	-	-
	9/28/2017	-	1.39	-		816.09	-	9/28/2017	11:20	11:25
	9/21/2017	-	1.28	-		816.20	-	-	-	-
	9/15/2017	-	0.95	-		816.53	-	-	-	-
	9/5/2017	-	1.21	-		816.27	-	9/5/2017	9:40	9:45
RT-2B					817.61			-	-	-
	9/28/2017	-	1.51	-		816.10	-	9/28/2017	11:25	11:30
	9/21/2017	-	1.46	-		816.15	-	-	-	-
	9/15/2017	-	1.07	-		816.54	-	-	-	-
	9/5/2017	-	1.29	-		816.32	-	9/5/2017	9:45	9:50
RT-2C					818.06			-	-	-
	9/28/2017	-	1.95	-		816.11	-	9/28/2017	11:30	11:35
	9/21/2017	-	1.84	-		816.22	-	-	-	-
	9/15/2017	-	1.51	-		816.55	-	-	-	-
	9/5/2017	-	1.75	-		816.31	-	9/5/2017	9:50	9:55
RT-2D					818.12			-	-	-
	9/28/2017	-	2.03	-		816.09	-	9/28/2017	11:35	11:40
	9/21/2017	-	1.91	-		816.21	-	-	-	-
	9/15/2017	-	1.59	-		816.53	-	-	-	-
	9/5/2017	-	1.83	-		816.29	-	-	-	-
RT-2E					818.25			-	-	-
	9/28/2017	-	2.14	-		816.11	-	9/28/2017	11:40	11:45
	9/21/2017	-	2.03	-		816.22	-	-	-	-
	9/15/2017	-	1.70	-		816.55	-	-	-	-
	9/5/2017	-	1.93	-		816.32	-	9/5/2017	9:55	10:00
RT-2F					818.57			-	-	-
	9/28/2017	-	2.49	-		816.08	-	9/28/2017	11:45	11:50
	9/21/2017	-	2.37	-		816.20	-	-	-	-
	9/15/2017	-	2.03	-		816.54	-	-	-	-
	9/5/2017	-	2.27	-		816.30	-	9/5/2017	10:00	10:05
RT-2G					820.07			-	-	-
	9/28/2017	-	3.42	-		816.65	-	9/28/2017	12:00	12:05
	9/21/2017	-	3.30	-		816.77	-	-	-	-
	9/15/2017	-	1.32	-		818.75	-	-	-	-
	9/5/2017	-	1.37	-		818.70	-	9/5/2017	10:05	10:10
RT-2H					822.17			-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2H (cont'd)	9/28/2017	-	NM	-		-	-	-	-	-
	9/21/2017	-	NM	-		-	-	-	-	-
	9/15/2017	-	NM	-		-	-	-	-	-
	9/5/2017	-	NM	-		-	-	9/5/2017	10:10	10:15
RT-2I					819.51			-	-	-
	9/28/2017	-	3.40	-		816.11	-	9/28/2017	12:10	12:15
	9/21/2017	-	3.30	-		816.21	-	-	-	-
	9/15/2017	-	NM	-		-	-	-	-	-
	9/5/2017	-	1.27	-		818.24	-	9/5/2017	10:15	10:20
RT-2J					817.63			-	-	-
	9/28/2017	-	1.98	-		815.65	-	9/28/2017	12:15	12:20
	9/21/2017	-	1.85	-		815.78	-	-	-	-
	9/15/2017	-	NM	-		-	-	-	-	-
	9/5/2017	-	NM	-		-	-	9/5/2017	10:20	10:25
RT-2K					817.40			-	-	-
	9/28/2017	1.59	1.73	0.14		815.67	815.77	9/28/2017	12:20	12:25
	9/21/2017	-	NM	-		-	-	-	-	-
	9/15/2017	-	NM	-		-	-	-	-	-
	9/5/2017	1.41	1.53	0.12		815.87	815.96	9/5/2017	10:25	10:30
RT-2L					819.54			-	-	-
	9/28/2017	2.76	2.79	0.03		816.75	816.77	9/28/2017	12:25	12:30
	9/21/2017	2.62	2.64	0.02		816.90	816.91	-	-	-
	9/15/2017	2.24	2.25	0.01		817.29	817.30	-	-	-
	9/5/2017	2.53	2.55	0.02		816.99	817.00	9/5/2017	10:30	10:35
RW-01					851.92			-	-	-
	9/10/2017	-	14.20	-		837.72	-	-	-	-
RW-02					852.69			-	-	-
	9/10/2017	22.85	23.10	0.25		829.59	829.77	-	-	-
RW-03					852.34			-	-	-
	9/10/2017	23.25	23.26	0.01		829.08	829.09	-	-	-
RW-04					853.93			-	-	-
	9/28/2017	29.62	30.01	0.39		823.92	824.21	9/28/2017	12:40	12:45
	9/21/2017	29.34	29.66	0.32		824.27	824.51	-	-	-
	9/15/2017	29.46	29.78	0.32		824.15	824.39	-	-	-
	9/5/2017	29.46	29.79	0.33		824.14	824.38	9/5/2017	9:15	9:20
RW-05					853.53			-	-	-
	9/28/2017	32.98	34.76	**1.78**		818.77	820.07	9/28/2017	12:50	12:55
	9/21/2017	32.87	33.58	**0.71**		819.95	820.47	-	-	-
	9/15/2017	32.90	34.76	**1.86**		818.77	820.13	-	-	-
	9/5/2017	32.97	34.82	**1.85**		818.71	820.06	9/5/2017	9:20	9:25
RW-06					846.21			-	-	-
	9/28/2017	-	27.41	-		818.80	-	-	-	-
	9/21/2017	-	27.32	-		818.89	-	-	-	-
	9/15/2017	-	27.10	-		819.11	-	-	-	-
	9/5/2017	-	27.18	-		819.03	-	-	-	-
RW-07					843.19			-	-	-
	9/28/2017	23.97	25.05	**1.08**		818.14	818.93	9/28/2017	11:10	11:15
	9/21/2017	23.85	24.90	**1.05**		818.29	819.06	-	-	-
	9/15/2017	23.21	24.14	**0.93**		819.05	819.73	-	-	-
	9/5/2017	23.33	24.31	**0.98**		818.88	819.60	9/5/2017	9:30	9:35
RW-08					835.48			-	-	-
	9/28/2017	-	17.57	-		817.91	-	9/28/2017	11:05	11:10
	9/21/2017	17.48	17.50	0.02		817.98	817.99	-	-	-
	9/15/2017	16.35	16.36	0.01		819.12	819.13	-	-	-
	9/5/2017	16.50	16.53	0.03		818.95	818.97	-	-	-
RW-09					835.12			-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-09 (cont'd)	9/28/2017	14.59	15.35	0.76		819.77	820.33	9/28/2017	11:00	11:05
	9/21/2017	14.49	14.91	0.42		820.21	820.52	-	-	-
	9/15/2017	13.55	13.90	0.35		821.22	821.48	-	-	-
	9/5/2017	13.68	14.08	0.40		821.04	821.34	9/11/2017	8:30	8:40
RW-10					848.53			-	-	-
	9/10/2017	11.95	12.06	0.11		836.47	836.55	-	-	-
RW-11					852.97			-	-	-
	9/28/2017	-	13.37	-		839.60	-	-	-	-
	9/21/2017	-	13.06	-		839.91	-	-	-	-
	9/15/2017	-	13.01	-		839.96	-	-	-	-
	9/5/2017	-	12.88	-		840.09	-	-	-	-
RW-12					852.75			-	-	-
	9/28/2017	14.45	14.46	0.01		838.29	838.30	-	-	-
	9/21/2017	-	14.78	-		837.97	-	-	-	-
	9/15/2017	-	14.84	-		837.91	-	-	-	-
	9/5/2017	-	14.80	-		837.95	-	-	-	-
RW-13					847.97			-	-	-
	9/10/2017	-	NM	-		-	-	-	-	-
RW-14					827.54			-	-	-
	9/28/2017	-	12.78	-		814.76	-	-	-	-
	9/21/2017	-	12.64	-		814.90	-	-	-	-
	9/15/2017	-	8.67	-		818.87	-	-	-	-
	9/5/2017	-	8.58	-		818.96	-	-	-	-
RW-15					851.64			-	-	-
	9/10/2017	14.03	14.51	0.48		837.13	837.48	-	-	-
SW-01					812.82			-	-	-
	9/10/2017	-	(0.91)	-		813.73	-	-	-	-
	9/6/2017	-	(0.96)	-		813.78	-	-	-	-
SW-02					808.65			-	-	-
	9/10/2017	-	(1.60)	-		810.25	-	-	-	-
	9/6/2017	-	(1.58)	-		810.23	-	-	-	-
SW-03					815.09			-	-	-
	9/10/2017	-	(1.54)	-		816.63	-	-	-	-
	9/6/2017	-	(1.48)	-		816.57	-	-	-	-
SW-05					838.75			-	-	-
	9/10/2017	-	NM	-		-	-	-	-	-
	9/6/2017	-	NM	-		-	-	-	-	-
SW-08					802.04			-	-	-
	9/10/2017	-	(1.09)	-		803.13	-	-	-	-
	9/6/2017	-	(1.43)	-		803.47	-	-	-	-
SW-10					778.09			-	-	-
	9/10/2017	-	(0.30)	-		778.39	-	-	-	-
	9/6/2017	-	(0.67)	-		778.76	-	-	-	-
TW-04R					852.64			-	-	-
	9/10/2017	-	DRY	-		-	-	-	-	-
TW-05R					849.93			-	-	-
	9/10/2017	-	6.87	-		843.06	-	-	-	-
TW-14R					853.37			-	-	-
	9/10/2017	-	DRY	-		-	-	-	-	-
TW-15R					850.62			-	-	-
	9/10/2017	-	DRY	-		-	-	-	-	-
TW-21					849.70			-	-	-
	9/10/2017	-	5.00	-		844.70	-	-	-	-
TW-28					851.42			-	-	-
	9/10/2017	22.80	22.90	0.10		828.52	828.60	-	-	-
TW-30					851.81			-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-30 (cont'd)	9/10/2017	-	22.00	-		829.81	-	-	-	-
TW-34					854.79			-	-	-
	9/10/2017	-	22.20	-		832.59	-	-	-	-
TW-35					854.10			-	-	-
	9/10/2017	-	22.72	-		831.38	-	-	-	-
TW-40					853.35			-	-	-
	9/10/2017	-	28.90	-		824.45	-	-	-	-
TW-41					849.38			-	-	-
	9/10/2017	-	27.89	-		821.49	-	-	-	-
TW-42					846.84			-	-	-
	9/10/2017	26.26	27.20	0.94		819.64	820.32	-	-	-
TW-45					848.31			-	-	-
	9/10/2017	27.85	28.40	0.55		819.91	820.31	-	-	-
TW-46					846.88			-	-	-
	9/10/2017	-	NM	-		-	-	-	-	-
TW-55					845.93			-	-	-
	9/10/2017	-	6.60	-		839.33	-	-	-	-
	9/6/2017	-	6.95	-		838.98	-	-	-	-
TW-59					834.78			-	-	-
	9/10/2017	-	14.85	-		819.93	-	-	-	-
	9/6/2017	-	15.34	-		819.44	-	-	-	-
TW-60					828.03			-	-	-
	9/10/2017	-	10.45	-		817.58	-	-	-	-
	9/6/2017	-	10.11	-		817.92	-	-	-	-
TW-64					845.88			-	-	-
	9/10/2017	-	17.25	-		828.63	-	-	-	-
	9/6/2017	-	17.05	-		828.83	-	-	-	-
TW-65					845.62			-	-	-
	9/10/2017	-	21.61	-		824.01	-	-	-	-
TW-66					820.31			-	-	-
	9/10/2017	-	2.98	-		817.33	-	-	-	-
	9/6/2017	-	2.45	-		817.86	-	-	-	-
TW-67					852.71			-	-	-
	9/10/2017	-	9.80	-		842.91	-	-	-	-
	9/6/2017	-	13.32	-		839.39	-	-	-	-
TW-68					846.45			-	-	-
	9/10/2017	-	23.11	-		823.34	-	-	-	-
TW-69					840.27			-	-	-
	9/10/2017	-	15.24	-		825.03	-	-	-	-
TW-70					841.95			-	-	-
	9/10/2017	-	19.35	-		822.60	-	-	-	-
TW-73					850.53			-	-	-
	9/10/2017	-	9.15	-		841.38	-	-	-	-
	9/6/2017	-	9.20	-		841.33	-	-	-	-
TW-76					852.44			-	-	-
	9/10/2017	-	14.39	-		838.05	-	-	-	-
TW-81					849.43			-	-	-
	9/10/2017	-	4.87	-		844.56	-	-	-	-
TW-82					849.64			-	-	-
	9/10/2017	-	5.11	-		844.53	-	-	-	-
TW-83					850.44			-	-	-
	9/10/2017	-	NM	-		-	-	-	-	-
TW-84					851.22			-	-	-
	9/10/2017	-	6.67	-		844.55	-	-	-	-
TW-85					843.49			-	-	-
	9/10/2017	-	10.60	-		832.89	-	-	-	-

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-86					853.10			-	-	-
	9/10/2017	-	5.56	-		847.54	-	-	-	-
TW-87					852.25			-	-	-
	9/10/2017	-	6.80	-		845.45	-	-	-	-
TW-90					845.43			-	-	-
	9/10/2017	-	10.20	-		835.23	-	-	-	-
TW-94					840.58			-	-	-
	9/10/2017	-	NM	-		-	-	-	-	-
TW-96					840.40			-	-	-
	9/10/2017	-	6.70	-		833.70	-	-	-	-
	9/6/2017	-	9.28	-		831.12	-	-	-	-

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

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 groundwater elevation:

- 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 Site, 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-01-090717	9/7/2017	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-01B-090717	9/7/2017	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[b]	**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[b]	250 U[b]	1,250 U[b]	--
	MW-02-090817	9/8/2017	µg/L	**2,340**	**181**	**7,120**	**8,510**	50 U[b]	50 U[b]	**389**	--
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-02B-090817	9/8/2017	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-04-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-04-090817-DUP	9/8/2017	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 Site, 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-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	--
	MW-05-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-05-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-05-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
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-06-090817	9/8/2017	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[b]	40 U	40 U[b]	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[b]	250 U[b]	1,250 U[b]	--
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-08-090817	9/8/2017	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[b]	200 U[b]	1,000 U[b]	--
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-10-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-10-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-10-090817	9/8/2017	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 Site, 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-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[b]	**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[b]	**147**	500 U[b]	--
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	**1,190**	**467**	**7,910**	**5,100**	50 U[b]	50 U[b]	250 U[b]	--
	MW-12-090817	9/8/2017	µg/L	**648**	**436**	**3,470**	**4,440**	100 U[b]	100 U[b]	500 U[b]	--
MW-12B	MW-12B-012616	1/26/2016	µg/L	**228**	**31.4**	**193**	**532**	1 U	**5.4**	**14.6**	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	**30.1**	1 U	**7.28**	**14.3**	1 U	**11.8**	5 U	--
	MW-12B-090817	9/8/2017	µg/L	**126**	**3.81**	**16.8**	**256**	1 U	1 U	**12**	--
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	**2**	1 U	**12.5**	**6.9**	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	**1.18**	1 U	**3.39**	3 U	1 U	1 U	5 U	--
MW-13B	MW-13B-012816	1/28/2016	µg/L	**367**	1 U	**5.6**	**59.5**	1 U	**119**	1 U	0.02 U
	MW-13B-D-012816	1/28/2016	µg/L	**405**	1 U	**6.1**	**59.1**	1 U	**108**	1 U	0.02 U
	MW-13B-113016	11/30/2016	µg/L	**550**	**5.1**	**21.2**	**140**	5 U	**158**	**7.9**	--
	MW-13B-062817	6/28/2017	µg/L	**308**	**3.09**	**10.3**	**103**	1 U	**121**	**5.13**	--
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-14-090817	9/8/2017	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 Site, 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-14B	MW-14B-052516	5/25/2016	µg/L	**5**	1 U	1 U	**4.4**	1 U	**17.2**	1 U	0.02 U
	MW-14B-052516-FD	5/25/2016	µg/L	**4.6**	1 U	1 U	**4.1**	1 U	**23.6**	1 U	0.02 U
	MW-14B-113016	11/30/2016	µg/L	**10.5**	1 U	**1.1**	**5.5**	1 U	**19.7**	1 U	--
	MW-14B-062817	6/28/2017	µg/L	**38.1**	**1.34**	**2.56**	**19.1**	1 U	**36.2**	5 U	--
	MW-14B-090817	9/8/2017	µg/L	**6.81**	1 U	1 U	**6.67**	1 U	**18.7**	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	**3,680**	**139**	**422**	**2,280**	25 U	**188**	**43.8**	--
	MW-15-031417	3/14/2017	µg/L	**1,960**	**72**	**324**	**1,320**	25 U	**161**	125 U	--
	MW-15-031417-FD	3/14/2017	µg/L	**1,820**	**61**	**286**	**1,120**	25 U	**153**	125 U	--
	MW-15-032017	3/20/2017	µg/L	**3,390**	**103**	**505**	**2,460**	50 U	**194**	250 U	--
	MW-15-033117	3/31/2017	µg/L	**2,850**	**65.4**	**444**	**1,860**	20 U	**221**	100 U	--
	MW-15-040617	4/6/2017	µg/L	**1,790**	**60.6**	**465**	**886**	25 U	**181**	125 U	--
	MW-15-062817	6/28/2017	µg/L	**73**	25 U	**29**	**110**	25 U	**91.8**	125 U	--
	MW-15-090817	9/8/2017	µg/L	**454**	**24**	**567**	**338**	5 U	**193**	25 U	--
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[b]	100 U[b]	500 U[b]	--
	MW-15B-090817	9/8/2017	µg/L	**1,820**	**164**	**3,560**	**1,210**	50 U[b]	**133**	250 U[b]	--
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[b]	**1,740**	2500 U[b]	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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-17-090817	9/8/2017	µg/L	**11,400**	**1,240**	**23,900**	**8,460**	20 U[b]	**1,330**	**201**	--
MW-17B	MW-17B-030116	3/1/2016	µg/L	**6,480**	**488**	**11,900**	**2,870**	**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[b]	**1,150**	1,000 U[b]	--
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
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	**22.8**	**18.5**	**256**	**437**	1 U	1 U	**10.7**	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	**9,810**	**1,030**	**25,000**	**10,300**	250 U	250 U	1,250 U	--
	MW-19-062917	6/29/2017	µg/L	**9,410**	**683**	**27,200**	**9,580**	200 U[b]	**320**	1,000 U[b]	--
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

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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-21-090817	9/8/2017	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	**19.8**	**3.4**	**47.2**	**37.4**	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	**234**	10 U	**125**	30 U	10 U[b]	10 U	50 U[b]	--
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[b]	**19.1**	5 U	--
	MW-23-071717	7/17/2017	µg/L	**1.2**	1 U	1 U	3 U	1 U	**1** U	5 U	--
	MW-23-080117	8/1/2017	µg/L	**132**	1 U	**6.2**	**252**	1 U	**48.1**	5 U	--
	MW-23-090717	9/7/2017	µg/L	**1,110**	**9.25**	**43.1**	**999**	5 U	**141**	25 U	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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-23B-090717	9/7/2017	µg/L	1 U	1 U	1.65	5.40	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-24-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	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-24B-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	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[b]	10 U	50 U[b]	--
	MW-25-071717	7/17/2017	µg/L	230	13.4	10 U	264	10 U[b]	10 U	50 U[b]	--
	MW-25-080117	8/1/2017	µg/L	234	14.4	10 U	277	10 U[b]	10 U	50 U[b]	--
	MW-25-090817	9/8/2017	µg/L	200	12.2	1.27	214	1 U	1 U	10.6	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-25B-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-090817-DUP	9/8/2017	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-26-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-090717	9/7/2017	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-26B-090717	9/7/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-090717-DUP	9/7/2017	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-27-090817	9/8/2017	µg/L	**4.96**	**5.75**	**2.13**	**14.8**	1 U	1 U	5 U	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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**	--
	MW-27B-090717	9/7/2017	µg/L	1 U	**3.73**	**6.35**	**30.3**	1 U	1 U	**7.54**	--
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-28-071717	7/17/2017	µg/L	**219**	**64.2**	**85.8**	**422**	1 U	1 U	**14.7**	--
	MW-28-080217	8/2/2017	µg/L	**219**	**48.7**	**52.7**	**187**	1 U	**3.46**	**11.9**	--
	MW-28-090817	9/8/2017	µg/L	**130**	**16.2**	**175**	**388**	1 U	**4.77**	**13.6**	--
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-29-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-090717	9/7/2017	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[b]	25 U	125 U[b]	--
	MW-30-071717	7/17/2017	µg/L	**922**	25 U	**2,050**	**1,320**	25 U[b]	25 U	125 U[b]	--
	MW-30-080217	8/2/2017	µg/L	**1,240**	**25.9**	**1,020**	**2,230**	25 U[b]	25 U	125 U[b]	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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-31-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-31-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-31-D-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-31-090817	9/8/2017	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-32-090817	9/8/2017	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
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-34-071717	7/17/2017	µg/L	**137**	**5.83**	**19.8**	**69.5**	1 U	**73.8**	5 U	--
	MW-34-080117	8/1/2017	µg/L	**517**	10 U	**31.7**	**110**	10 U[b]	**98.3**	50 U[b]	--
	MW-31-090817	9/8/2017	µg/L	**1,430**	**6.01**	**98.0**	**264**	1 U	**191**	**7.33**	--
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-35-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-090817	9/8/2017	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 Site, 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-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-36-090817	9/8/2017	µg/L	**4.75**	1 U	**6.16**	**4.62**	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-36B-090817	9/8/2017	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-37-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	**1.5**	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	--
	MW-38-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	**8.59**	5 U	--
	MW-38-071717-FD	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	**9.78**	5 U	--
	MW-38-080117	8/1/2017	µg/L	1 U	1 U	1 U	3 U	1 U	**7.25**	5 U	--
	MW-38-090817	9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	**12.9**	5 U	--
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[b]	**239**	100 U[b]	--
	MW-39-071717	7/17/2017	µg/L	**4,690**	100 U	**3,760**	**4,580**	100 U[b]	**344**	500 U[b]	--
	MW-39-080117	8/1/2017	µg/L	**4,630**	100 U	**2,880**	**4,740**	100 U[b]	**348**	500 U[b]	--
	MW-39-090817	9/8/2017	µg/L	**3,380**	**10.7**	**1,040**	**2,740**	1 U	**376**	**15.6**	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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	**12,300**	**1,330**	**19,600**	**7,500**	200 U	**654**	1,000 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**	1,000 U	--
	MW-40-062817	6/28/2017	µg/L	**9,250**	**1,030**	**19,200**	**6,540**	500 U[b]	**590**	2,500 U[b]	--
	MW-40-071717	7/17/2017	µg/L	**11,400**	**1,210**	**25,300**	**7,430**	500 U[b]	**727**	2,500 U[b]	--
	MW-40-080117	8/1/2017	µg/L	**12,000**	**1,120**	**23,200**	**8,070**	500 U[b]	**631**	2,500 U[b]	--
	MW-40-090817	9/8/2017	µg/L	**14,300**	**1,250**	**28,700**	**9,250**	20 U[b]	**716**	**219**	--
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-41-071717	7/17/2017	µg/L	**487**	**15.8**	**3.09**	**366**	1 U	**3.62**	**27.9**	--
	MW-41-080117	8/1/2017	µg/L	**371**	10 U	10 U	**260**	10 U[b]	10 U	50 U[b]	--
	MW-41-090817	9/8/2017	µg/L	**189**	**1.51**	1 U	**90**	1 U	**3.74**	5 U	--
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-42-090817	9/8/2017	µg/L	**143**	1 U	1 U	**100**	1 U	**1.51**	**5.52**	--
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-44B-090717	9/7/2017	µg/L	1 U	1 U	**3.07**	3 U	1 U	1 U	5 U	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation Site, 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-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	--
	MW-45-071717	7/17/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45-080217	8/2/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
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[a]:			**µg/L**	5.0	700	1,000	10,000	5.0	40	25	0.05

Notes:

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

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

Samples analyzed by EPA Methods SW 8260B and 8011

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

Gray shading indicates the analyte exceeded RBSLs.

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

ANALYTICAL REPORT

September 07, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

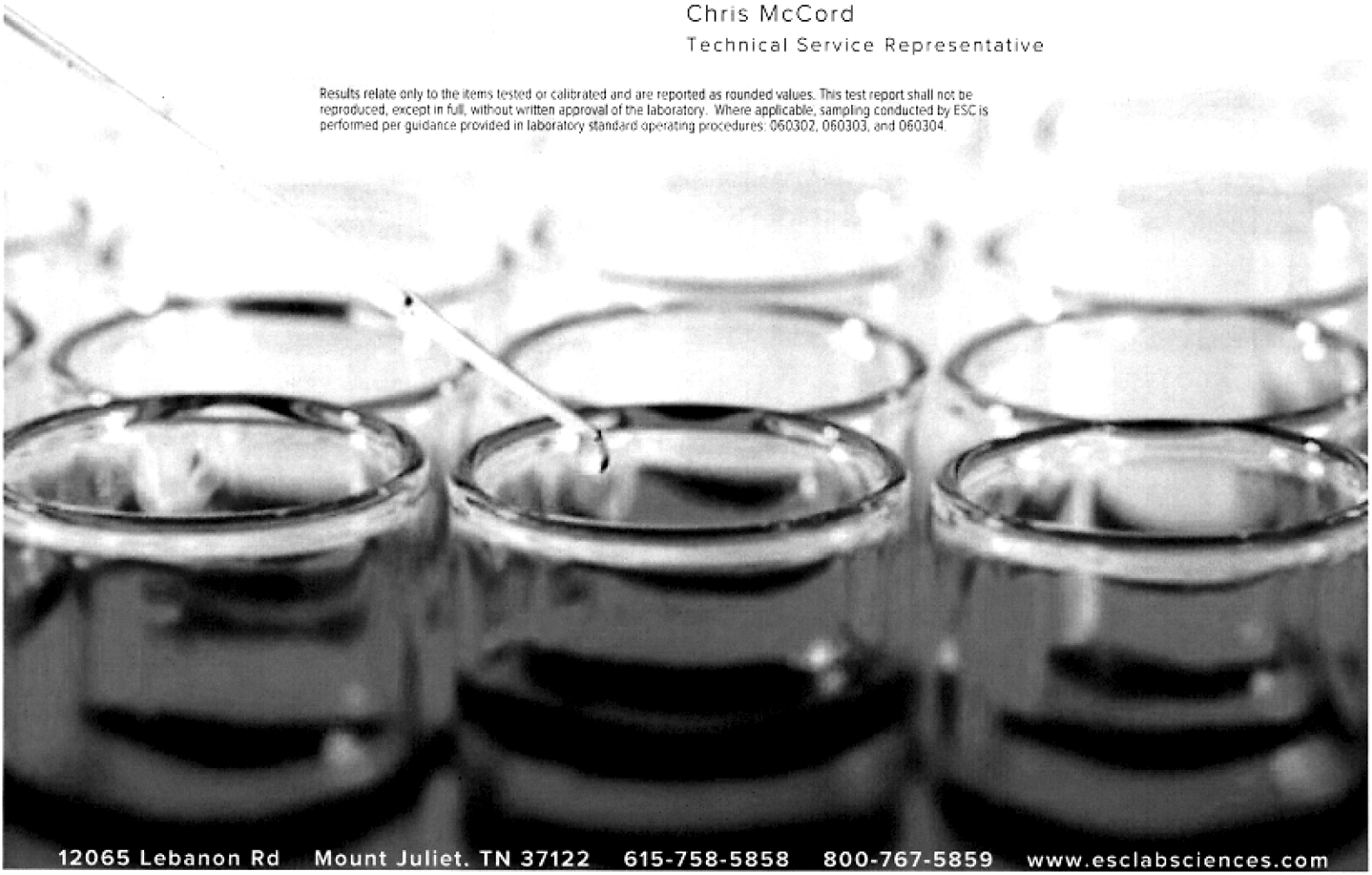
Sample Delivery Group:	L934050
Samples Received:	09/06/2017
Project Number:	684910
Description:	Lewis Drive Site Surface water event

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



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SW01-090517 L934050-01 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 15:30 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 16:23	09/06/17 16:23	DWR

FP01-090517 L934050-02 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 12:10 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 16:43	09/06/17 16:43	DWR

FP02-090517 L934050-03 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 12:20 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 17:02	09/06/17 17:02	DWR

FP03-090517 L934050-04 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 14:00 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 18:25	09/06/17 18:25	DWR

SW02-090517 L934050-05 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 15:20 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 18:44	09/06/17 18:44	DWR

SW03-090517 L934050-06 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 15:45 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 19:03	09/06/17 19:03	DWR

SW04-090517 L934050-07 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 15:15 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 19:52	09/06/17 19:52	DWR

SW08-090517 L934050-08 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 12:45 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 20:12	09/06/17 20:12	DWR

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

SW09-090517 L934050-09 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 12:25 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 20:31	09/06/17 20:31	DWR

SW10-090517 L934050-10 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 11:45 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 20:50	09/06/17 20:50	DWR

SW11-090517 L934050-11 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 11:20 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 21:09	09/06/17 21:09	DWR

SW12-090517 L934050-12 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 15:50 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 23:33	09/06/17 23:33	DWR

SW12-090517-DUP L934050-13 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 16:45 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 23:51	09/06/17 23:51	DWR

SW13-090517 L934050-14 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 13:00 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/07/17 01:09	09/07/17 01:09	DWR

SW14-090517 L934050-15 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 16:20 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/07/17 00:31	09/07/17 00:31	DWR

TB-090517 L934050-16 GW

Collected by: Melissa Warren | Collected date/time: 09/05/17 16:40 | Received date/time: 09/06/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1017230	1	09/06/17 14:12	09/06/17 14:12	DWR

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 radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 16:23	WG1017230
Toluene	ND		1.00	1	09/06/2017 16:23	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 16:23	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 16:23	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 16:23	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 16:23	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 16:23	WG1017230
(S) Toluene-d8	*114*		*80.0-120*		*09/06/2017 16:23*	WG1017230
(S) Dibromofluoromethane	*84.6*		*76.0-123*		*09/06/2017 16:23*	WG1017230
(S) a,a,a-Trifluorotoluene	*109*		*80.0-120*		*09/06/2017 16:23*	WG1017230
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*09/06/2017 16:23*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 16:43	WG1017230
Toluene	ND		1.00	1	09/06/2017 16:43	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 16:43	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 16:43	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 16:43	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 16:43	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 16:43	WG1017230
(S) Toluene-d8	*105*		*80.0-120*		*09/06/2017 16:43*	WG1017230
(S) Dibromofluoromethane	*103*		*76.0-123*		*09/06/2017 16:43*	WG1017230
(S) a,a,a-Trifluorotoluene	*107*		*80.0-120*		*09/06/2017 16:43*	WG1017230
(S) 4-Bromofluorobenzene	*97.5*		*80.0-120*		*09/06/2017 16:43*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 17:02	WG1017230
Toluene	ND		1.00	1	09/06/2017 17:02	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 17:02	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 17:02	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 17:02	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 17:02	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 17:02	WG1017230
(S) Toluene-d8	*104*		*80.0-120*		*09/06/2017 17:02*	WG1017230
(S) Dibromofluoromethane	*102*		*76.0-123*		*09/06/2017 17:02*	WG1017230
(S) a,a,a-Trifluorotoluene	*106*		*80.0-120*		*09/06/2017 17:02*	WG1017230
(S) 4-Bromofluorobenzene	*98.6*		*80.0-120*		*09/06/2017 17:02*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 18:25	WG1017230
Toluene	ND		1.00	1	09/06/2017 18:25	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 18:25	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 18:25	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 18:25	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 18:25	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 18:25	WG1017230
(S) Toluene-d8	*104*		*80.0-120*		*09/06/2017 18:25*	WG1017230
(S) Dibromofluoromethane	*95.0*		*76.0-123*		*09/06/2017 18:25*	WG1017230
(S) a,a,a-Trifluorotoluene	*106*		*80.0-120*		*09/06/2017 18:25*	WG1017230
(S) 4-Bromofluorobenzene	*98.6*		*80.0-120*		*09/06/2017 18:25*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 18:44	WG1017230
Toluene	ND		1.00	1	09/06/2017 18:44	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 18:44	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 18:44	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 18:44	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 18:44	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 18:44	WG1017230
(S) Toluene-d8	*104*		*80.0-120*		*09/06/2017 18:44*	WG1017230
(S) Dibromofluoromethane	*103*		*76.0-123*		*09/06/2017 18:44*	WG1017230
(S) α,α,α-Trifluorotoluene	*108*		*80.0-120*		*09/06/2017 18:44*	WG1017230
(S) 4-Bromofluorobenzene	*98.7*		*80.0-120*		*09/06/2017 18:44*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 19:03	WG1017230
Toluene	ND		1.00	1	09/06/2017 19:03	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 19:03	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 19:03	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 19:03	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 19:03	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 19:03	WG1017230
(S) Toluene-d8	*104*		*80.0-120*		*09/06/2017 19:03*	WG1017230
(S) Dibromofluoromethane	*104*		*76.0-123*		*09/06/2017 19:03*	WG1017230
(S) α,α,α-Trifluorotoluene	*108*		*80.0-120*		*09/06/2017 19:03*	WG1017230
(S) 4-Bromofluorobenzene	*96.6*		*80.0-120*		*09/06/2017 19:03*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 19:52	WG1017230
Toluene	ND		1.00	1	09/06/2017 19:52	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 19:52	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 19:52	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 19:52	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 19:52	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 19:52	WG1017230
(S) Toluene-d8	*105*		*80.0-120*		*09/06/2017 19:52*	WG1017230
(S) Dibromofluoromethane	*99.3*		*76.0-123*		*09/06/2017 19:52*	WG1017230
(S) a,a,a-Trifluorotoluene	*106*		*80.0-120*		*09/06/2017 19:52*	WG1017230
(S) 4-Bromofluorobenzene	*99.4*		*80.0-120*		*09/06/2017 19:52*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 20:12	WG1017230
Toluene	ND		1.00	1	09/06/2017 20:12	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 20:12	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 20:12	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 20:12	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 20:12	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 20:12	WG1017230
(S) Toluene-d8	*105*		*80.0-120*		*09/06/2017 20:12*	WG1017230
(S) Dibromofluoromethane	*103*		*76.0-123*		*09/06/2017 20:12*	WG1017230
(S) α,α,α-Trifluorotoluene	*108*		*80.0-120*		*09/06/2017 20:12*	WG1017230
(S) 4-Bromofluorobenzene	*95.8*		*80.0-120*		*09/06/2017 20:12*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 20:31	WG1017230
Toluene	ND		1.00	1	09/06/2017 20:31	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 20:31	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 20:31	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 20:31	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 20:31	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 20:31	WG1017230
(S) Toluene-d8	*103*		*80.0-120*		*09/06/2017 20:31*	WG1017230
(S) Dibromofluoromethane	*105*		*76.0-123*		*09/06/2017 20:31*	WG1017230
(S) a,a,a-Trifluorotoluene	*109*		*80.0-120*		*09/06/2017 20:31*	WG1017230
(S) 4-Bromofluorobenzene	*94.7*		*80.0-120*		*09/06/2017 20:31*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 20:50	WG1017230
Toluene	ND		1.00	1	09/06/2017 20:50	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 20:50	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 20:50	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 20:50	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 20:50	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 20:50	WG1017230
(S) Toluene-d8	*103*		*80.0-120*		*09/06/2017 20:50*	WG1017230
(S) Dibromofluoromethane	*101*		*76.0-123*		*09/06/2017 20:50*	WG1017230
(S) a,a,a-Trifluorotoluene	*108*		*80.0-120*		*09/06/2017 20:50*	WG1017230
(S) 4-Bromofluorobenzene	*96.2*		*80.0-120*		*09/06/2017 20:50*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 21:09	WG1017230
Toluene	ND		1.00	1	09/06/2017 21:09	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 21:09	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 21:09	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 21:09	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 21:09	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 21:09	WG1017230
(S) Toluene-d8	*104*		*80.0-120*		*09/06/2017 21:09*	WG1017230
(S) Dibromofluoromethane	*103*		*76.0-123*		*09/06/2017 21:09*	WG1017230
(S) a,a,a-Trifluorotoluene	*106*		*80.0-120*		*09/06/2017 21:09*	WG1017230
(S) 4-Bromofluorobenzene	*97.0*		*80.0-120*		*09/06/2017 21:09*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	46.7		1.00	1	09/06/2017 23:33	WG1017230
Toluene	72.0		1.00	1	09/06/2017 23:33	WG1017230
Ethylbenzene	4.72		1.00	1	09/06/2017 23:33	WG1017230
o-Xylene	26.2		1.00	1	09/06/2017 23:33	WG1017230
m&p-Xylene	39.0		2.00	1	09/06/2017 23:33	WG1017230
Xylenes, Total	65.2		3.00	1	09/06/2017 23:33	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 23:33	WG1017230
(S) Toluene-d8	*107*		*80.0-120*		*09/06/2017 23:33*	WG1017230
(S) Dibromofluoromethane	*94.5*		*76.0-123*		*09/06/2017 23:33*	WG1017230
(S) a,a,a-Trifluorotoluene	*107*		*80.0-120*		*09/06/2017 23:33*	WG1017230
(S) 4-Bromofluorobenzene	*101*		*80.0-120*		*09/06/2017 23:33*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	57.4		1.00	1	09/06/2017 23:51	WG1017230
Toluene	86.5		1.00	1	09/06/2017 23:51	WG1017230
Ethylbenzene	5.50		1.00	1	09/06/2017 23:51	WG1017230
o-Xylene	32.1		1.00	1	09/06/2017 23:51	WG1017230
m&p-Xylene	46.2		2.00	1	09/06/2017 23:51	WG1017230
Xylenes, Total	78.3		3.00	1	09/06/2017 23:51	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 23:51	WG1017230
(S) Toluene-d8	*107*		*80.0-120*		*09/06/2017 23:51*	WG1017230
(S) Dibromofluoromethane	*102*		*76.0-123*		*09/06/2017 23:51*	WG1017230
(S) α,α,α-Trifluorotoluene	*106*		*80.0-120*		*09/06/2017 23:51*	WG1017230
(S) 4-Bromofluorobenzene	*97.6*		*80.0-120*		*09/06/2017 23:51*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/07/2017 01:09	WG1017230
Toluene	ND		1.00	1	09/07/2017 01:09	WG1017230
Ethylbenzene	ND		1.00	1	09/07/2017 01:09	WG1017230
o-Xylene	ND		1.00	1	09/07/2017 01:09	WG1017230
m&p-Xylene	ND		2.00	1	09/07/2017 01:09	WG1017230
Xylenes, Total	ND		3.00	1	09/07/2017 01:09	WG1017230
Naphthalene	ND		5.00	1	09/07/2017 01:09	WG1017230
(S) Toluene-d8	*104*		*80.0-120*		*09/07/2017 01:09*	WG1017230
(S) Dibromofluoromethane	*105*		*76.0-123*		*09/07/2017 01:09*	WG1017230
(S) a,a,a-Trifluorotoluene	*105*		*80.0-120*		*09/07/2017 01:09*	WG1017230
(S) 4-Bromofluorobenzene	*97.3*		*80.0-120*		*09/07/2017 01:09*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/07/2017 00:31	WG1017230
Toluene	ND		1.00	1	09/07/2017 00:31	WG1017230
Ethylbenzene	ND		1.00	1	09/07/2017 00:31	WG1017230
o-Xylene	ND		1.00	1	09/07/2017 00:31	WG1017230
m&p-Xylene	ND		2.00	1	09/07/2017 00:31	WG1017230
Xylenes, Total	ND		3.00	1	09/07/2017 00:31	WG1017230
Naphthalene	ND		5.00	1	09/07/2017 00:31	WG1017230
(S) Toluene-d8	*105*		*80.0-120*		*09/07/2017 00:31*	WG1017230
(S) Dibromofluoromethane	*106*		*76.0-123*		*09/07/2017 00:31*	WG1017230
(S) a,a,a-Trifluorotoluene	*107*		*80.0-120*		*09/07/2017 00:31*	WG1017230
(S) 4-Bromofluorobenzene	*97.9*		*80.0-120*		*09/07/2017 00:31*	WG1017230

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/06/2017 14:12	WG1017230
Toluene	ND		1.00	1	09/06/2017 14:12	WG1017230
Ethylbenzene	ND		1.00	1	09/06/2017 14:12	WG1017230
o-Xylene	ND		1.00	1	09/06/2017 14:12	WG1017230
m&p-Xylene	ND		2.00	1	09/06/2017 14:12	WG1017230
Xylenes, Total	ND		3.00	1	09/06/2017 14:12	WG1017230
Naphthalene	ND		5.00	1	09/06/2017 14:12	WG1017230
(S) Toluene-d8	*106*		*80.0-120*		*09/06/2017 14:12*	WG1017230
(S) Dibromofluoromethane	*98.6*		*76.0-123*		*09/06/2017 14:12*	WG1017230
(S) a,a,a-Trifluorotoluene	*107*		*80.0-120*		*09/06/2017 14:12*	WG1017230
(S) 4-Bromofluorobenzene	*101*		*80.0-120*		*09/06/2017 14:12*	WG1017230

Method Blank (MB)

(MB) R3247396-2 09/06/17 10:21

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
Xylenes, Total	U		1.06	3.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	*105*			*80.0-120*
(S) Dibromofluoromethane	*103*			*76.0-123*
(S) a,a,a-Trifluorotoluene	*108*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.4*			*80.0-120*

Laboratory Control Sample (LCS)

(LCS) R3247396-1 09/06/17 09:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	25.0	26.9	108	70.0-130	
Ethylbenzene	25.0	26.4	105	70.0-130	
Naphthalene	25.0	22.8	91.1	70.0-130	
Toluene	25.0	25.8	103	70.0-130	
Xylenes, Total	75.0	79.7	106	70.0-130	
o-Xylene	25.0	26.7	107	70.0-130	
m&p-Xylenes	50.0	53.0	106	70.0-130	
(S) Toluene-d8			*105*	*80.0-120*	
(S) Dibromofluoromethane			*98.7*	*76.0-123*	
(S) a,a,a-Trifluorotoluene			*105*	*80.0-120*	
(S) 4-Bromofluorobenzene			*101*	*80.0-120*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(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.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier | Description

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

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.

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
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	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 [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [NA] 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

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 Site

City/State Collected: BELTON, SC

Phone: 770-604-9182
Fax:

Client Project # 684910

Lab Project # KINCH2MGA-LEWIS

Collected by (print): MELISSA WARLEY

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXNSC 40mlAmb-HCl	+ BTEX & NAPH	Remarks	Sample # (lab only)
SW01-090517	Grab	GW	-	09/05/17	1530	3	X			-01
FP01-090517	Grab	GW	-	09/05/17	1210	3	X			02
FP02-090517	Grab	GW	-	09/05/17	1220	3	X			03
FP03-090517	Grab	GW	-	09/05/17	1400	3	X			04
SW02-090517	Grab	GW	-	09/05/17	1520	3	X			05
SW03-090517	Grab	GW	-	09/05/17	1545	3	X			06
SW04-090517	Grab	GW	-	09/05/17	1515	3	X			07
SW08-090517	Grab	GW	-	09/05/17	1245	3	X			08
SW09-090517	Grab	GW	-	09/05/17	1225	3	X			09
SW10-090517	Grab	GW	-	09/05/17	1145	3	X			10

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

Remarks: all surface water samples

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: X UPS __ FedEx __ Courier __ _____

Tracking # 7474 0926 9287

Trip Blank Received: Yes / No (X) HCl / MeoH TBR

Temp: 29 °C Bottles Received: 48

If preservation required by Login: Date/Time

Hold: Condition: NCF (OK)

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	09/05/17	1740	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Date: 9-6-17 Time: 0845

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Accutest

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

L# L934050
F154

Acctnum: KINCH2MGA
Template: T121339
Prelogin: P616115
TSR: 526 - Chris McCord
PB: 8-31-17

Shipped Via: FedEX Ground

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

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 Site

City/State Collected: BELTON, SC

Phone: 770-604-9182
Fax:

Client Project # 684910

Lab Project # KINCH2MGA-LEWIS

Collected by (print): MELISSA WARD

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y X

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

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXNSC 40mlAmb-HCl	BTEX	NAPH	Remarks	Sample # (lab only)
SW11-090517	Grab	GW	-	9/5/17	1120	3	X	X	X		-11
SW12-090517	Grab	GW	-	9/5/17	1550	3	X				12
SW12-DUP-090517	Grab	GW	-	9/5/17	1645	3	X				13
SW13-090517	Grab	GW	-	9/5/17	1300	3	X				14
SW14-090517	Grab	GW	-	9/5/17	1620	3	X				15
TB-090517	Grab	GW	-	9/5/17	1640	1	X				16
EB-090517	Grab	GW	-	9/5/17	1655	3	X				17

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Pace

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

L# L934050

Table #

Acctnum: KINCH2MGA
Template: T121339
Prelogin: P616115
TSR: 526 - Chris McCord
PB: 8-31-17

Shipped Via: FedEX Ground

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

Remarks: all surface water samples

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: X UPS __ FedEx __ Courier __ _____

Tracking # 7474 0926 9287

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeOH TBR	If preservation required by Login: Date/Time
	09/05/17	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.9 °C Bottles Received: 48	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9.6.17 Time: 0845	Hold: / Condition: NCF / OK

Andy Vann

From: Chris McCord
Sent: Wednesday, September 06, 2017 3:27 PM
To: Login; Due VOC
Subject: L934050 *KINCH2MGA*

Please remove V8260BTEXNSC from L934050-17 per below email. Currently in VOL:HOLD:WG1017230.

Thanks,
Christopher McCord
Project Manager

ESC Lab Sciences-a subsidiary of Pace Analytical
12065 Lebanon Road | Mt. Juliet, TN 37122
615.773.3281 | Cell 615.504.3183
cmccord@esclabsciences.com | www.esclabsciences.com

-----Original Message-----
From: Garvey, Bethany/ATL [mailto:Bethany.Garvey@CH2M.com]
Sent: Wednesday, September 06, 2017 3:17 PM
To: Chris McCord
Subject: FW: ESC Lab Sciences Login for 684910 Lewis Drive Site Surface water event L934050

Hi Chris,

Please cancel the field blank in the attached COC. The surface water samples do not require FBs. It was collected by mistake by the field team.

Thanks,
Bethany

ANALYTICAL REPORT

September 18, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L934953
Samples Received:	09/08/2017
Project Number:	684910.LD.MR.GW
Description:	Lewis Drive Site Groundwater
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

TABLE OF CONTENTS

FB-090717 L934953-01 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 16:36 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 12:20	09/10/17 12:20	ACE

MW-01-090717 L934953-02 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 15:54 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 12:39	09/10/17 12:39	ACE

MW-01B-090717 L934953-03 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 16:07 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 12:59	09/10/17 12:59	ACE

MW-23-090717 L934953-04 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 14:21 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	10	09/14/17 16:33	09/14/17 16:33	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	5	09/10/17 13:18	09/10/17 13:18	ACE

MW-23B-090717 L934953-05 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 14:32 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 13:38	09/10/17 13:38	ACE

MW-26-090717 L934953-06 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 14:08 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 13:57	09/10/17 13:57	ACE

MW-26B-090717 L934953-07 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 13:52 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 14:17	09/10/17 14:17	ACE

MW-26B-090717-DUP L934953-08 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 13:55 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 14:36	09/10/17 14:36	ACE

MW-27B-090717 L934953-09 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 15:29 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 14:56	09/10/17 14:56	ACE

MW-29-090717 L934953-10 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 13:35 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 15:15	09/10/17 15:15	ACE

MW-44B-090717 L934953-11 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 16:20 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 15:35	09/10/17 15:35	ACE

TB-090717 L934953-12 GW

Collected by: Melissa Warren | Collected date/time: 09/07/17 16:34 | Received date/time: 09/08/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 11:41	09/10/17 11:41	ACE

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

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 12:20	WG1018707
Toluene	ND		1.00	1	09/10/2017 12:20	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 12:20	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 12:20	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 12:20	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 12:20	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 12:20	WG1018707
(S) Toluene-d8	*105*		*80.0-120*		*09/10/2017 12:20*	WG1018707
(S) Dibromofluoromethane	*93.9*		*76.0-123*		*09/10/2017 12:20*	WG1018707
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*09/10/2017 12:20*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 12:39	WG1018707
Toluene	ND		1.00	1	09/10/2017 12:39	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 12:39	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 12:39	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 12:39	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 12:39	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 12:39	WG1018707
(S) Toluene-d8	*105*		*80.0-120*		*09/10/2017 12:39*	WG1018707
(S) Dibromofluoromethane	*94.7*		*76.0-123*		*09/10/2017 12:39*	WG1018707
(S) 4-Bromofluorobenzene	*106*		*80.0-120*		*09/10/2017 12:39*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 12:59	WG1018707
Toluene	ND		1.00	1	09/10/2017 12:59	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 12:59	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 12:59	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 12:59	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 12:59	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 12:59	WG1018707
(S) Toluene-d8	*106*		*80.0-120*		*09/10/2017 12:59*	WG1018707
(S) Dibromofluoromethane	*96.4*		*76.0-123*		*09/10/2017 12:59*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 12:59*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	1110		10.0	10	09/14/2017 16:33	WG1018707
Toluene	43.1		5.00	5	09/10/2017 13:18	WG1018707
Ethylbenzene	9.25		5.00	5	09/10/2017 13:18	WG1018707
Total Xylenes	999		15.0	5	09/10/2017 13:18	WG1018707
Methyl tert-butyl ether	141		5.00	5	09/10/2017 13:18	WG1018707
Naphthalene	ND		25.0	5	09/10/2017 13:18	WG1018707
1,2-Dichloroethane	ND		5.00	5	09/10/2017 13:18	WG1018707
(S) Toluene-d8	*101*		*80.0-120*		*09/14/2017 16:33*	WG1018707
(S) Toluene-d8	*106*		*80.0-120*		*09/10/2017 13:18*	WG1018707
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/14/2017 16:33*	WG1018707
(S) Dibromofluoromethane	*95.6*		*76.0-123*		*09/10/2017 13:18*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/14/2017 16:33*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 13:18*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 13:38	WG1018707
Toluene	1.65		1.00	1	09/10/2017 13:38	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 13:38	WG1018707
Total Xylenes	5.40		3.00	1	09/10/2017 13:38	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 13:38	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 13:38	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 13:38	WG1018707
(S) Toluene-d8	*106*		*80.0-120*		*09/10/2017 13:38*	WG1018707
(S) Dibromofluoromethane	*94.0*		*76.0-123*		*09/10/2017 13:38*	WG1018707
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*09/10/2017 13:38*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 13:57	WG1018707
Toluene	ND		1.00	1	09/10/2017 13:57	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 13:57	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 13:57	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 13:57	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 13:57	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 13:57	WG1018707
(S) Toluene-d8	*106*		*80.0-120*		*09/10/2017 13:57*	WG1018707
(S) Dibromofluoromethane	*94.2*		*76.0-123*		*09/10/2017 13:57*	WG1018707
(S) 4-Bromofluorobenzene	*107*		*80.0-120*		*09/10/2017 13:57*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:17	WG1018707
Toluene	ND		1.00	1	09/10/2017 14:17	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 14:17	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 14:17	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:17	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 14:17	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:17	WG1018707
(S) Toluene-d8	*104*		*80.0-120*		*09/10/2017 14:17*	WG1018707
(S) Dibromofluoromethane	*95.7*		*76.0-123*		*09/10/2017 14:17*	WG1018707
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*09/10/2017 14:17*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:36	WG1018707
Toluene	ND		1.00	1	09/10/2017 14:36	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 14:36	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 14:36	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:36	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 14:36	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:36	WG1018707
(S) Toluene-d8	*105*		*80.0-120*		*09/10/2017 14:36*	WG1018707
(S) Dibromofluoromethane	*95.5*		*76.0-123*		*09/10/2017 14:36*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 14:36*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:56	WG1018707
Toluene	6.35		1.00	1	09/10/2017 14:56	WG1018707
Ethylbenzene	3.73		1.00	1	09/10/2017 14:56	WG1018707
Total Xylenes	30.3		3.00	1	09/10/2017 14:56	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:56	WG1018707
Naphthalene	7.54		5.00	1	09/10/2017 14:56	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:56	WG1018707
(S) Toluene-d8	*105*		*80.0-120*		*09/10/2017 14:56*	WG1018707
(S) Dibromofluoromethane	*94.7*		*76.0-123*		*09/10/2017 14:56*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 14:56*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:15	WG1018707
Toluene	ND		1.00	1	09/10/2017 15:15	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 15:15	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 15:15	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:15	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 15:15	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:15	WG1018707
(S) Toluene-d8	*105*		*80.0-120*		*09/10/2017 15:15*	WG1018707
(S) Dibromofluoromethane	*93.8*		*76.0-123*		*09/10/2017 15:15*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 15:15*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:35	WG1018707
Toluene	3.07		1.00	1	09/10/2017 15:35	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 15:35	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 15:35	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:35	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 15:35	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:35	WG1018707
(S) Toluene-d8	*104*		*80.0-120*		*09/10/2017 15:35*	WG1018707
(S) Dibromofluoromethane	*95.3*		*76.0-123*		*09/10/2017 15:35*	WG1018707
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*09/10/2017 15:35*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 11:41	WG1018707
Toluene	ND		1.00	1	09/10/2017 11:41	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 11:41	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 11:41	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 11:41	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 11:41	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 11:41	WG1018707
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 11:41*	WG1018707
(S) Dibromofluoromethane	*95.3*		*76.0-123*		*09/10/2017 11:41*	WG1018707
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*09/10/2017 11:41*	WG1018707

Method Blank (MB)

(MB) R3249130-3 09/10/17 10:33

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	*103*			*80.0-120*
(S) Dibromofluoromethane	*95.3*			*76.0-123*
(S) 4-Bromofluorobenzene	*103*			*80.0-120*

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

(LCS) R3249130-1 09/10/17 09:35 • (LCSD) R3249130-2 09/10/17 09:54

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	25.4	24.4	102	97.5	70.0-130			4.13	20
1,2-Dichloroethane	25.0	26.2	26.1	105	104	70.0-130			0.230	20
Ethylbenzene	25.0	28.2	27.3	113	109	70.0-130			3.17	20
Methyl tert-butyl ether	25.0	26.1	26.0	104	104	70.0-130			0.140	20
Naphthalene	25.0	28.0	29.1	112	116	70.0-130			3.91	20
Toluene	25.0	27.0	26.0	108	104	70.0-130			3.45	20
Xylenes, Total	75.0	83.4	81.2	111	108	70.0-130			2.67	20
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) Dibromofluoromethane				*95.5*	*93.8*	*76.0-123*				
(S) 4-Bromofluorobenzene				*103*	*104*	*80.0-120*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(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.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

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
8 Al
9 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.

[1]Cp [2]Tc [3]Ss [4]Cn [5]Sr [6]Qc [7]Gl [9]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
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	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 [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [**] 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

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.GW

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DRIVE

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N X Y ___

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

Date Results Needed

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L934953
E018

Acctnum: KINCH2MGA
Template: T121318
Prelogin: P616114
TSR: 526 - Chris McCord
PB: 8-31-17

Shipped Via: FedEX Ground

Analysis / Container / Preservative

Pres Chk	X	X	X	X	X	X						
	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	BTEX	MTBE	NAPHTHALENE	1,2-DCA					Remarks	Sample # (lab only)
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs								
FB-090717	Grab	GW	-	9/7/17	16:36	3	X	X	X	X	X	X				-01
MW-01-090717	Grab	GW	-	9/7/17	1554	3	X									02
MW-01B-090717	Grab	GW	-	9/7/17	1607	3	X									03
MW-23-090717	Grab	GW	-	9/7/17	1421	3	X									04
MW-23B-090717	Grab	GW	-	9/7/17	1432	3	X									05
MW-26-090717	Grab	GW	-	9/7/17	1408	3	X									06
MW-26B-090717	Grab	GW	-	9/7/17	1352	3	X									07
MW-26B-090717-DUP	Grab	GW	-	9/7/17	1355	3	X									08
MW-27B-090717	Grab	GW	-	9/7/17	1529	3	X									09
MW-29-090717	Grab	GW	-	9/7/17	1335	3	X									10

* 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 X FedEx __ Courier

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	09/07/17	1730		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.4 °C Bottles Received: 33
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-8-17 Time: 845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

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.GW

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DR.

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N X Y ___

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

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	BTEX	MTBE	NAPHTHALENE	1,2-DCA	Remarks	Sample # (lab only)
MW-44B-090717	Grab	GW	—	9/7/17	1620	3	X		↓	↓	↓	↓		-11
TB-090717	Grab	GW	—	9/7/17	1634	~~2~~ 1	X		↓	↓	↓	↓		12
		GW				3	X							
		GW				3	X							
		GW				3	X							
		GW				3	X							
		GW				3	X							
		GW				3	X							
		GW				3	X							
		GW				3	X							
		GW				3	X	V						

Chain of Custody Page ___ of ___

ESC LABORATORIES
a subsidiary of Pace Analytical

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

L# L934453

Table #

Acctnum: KINCH2MGA
Template: T121318
Prelogin: P616114
TSR: 526 - Chris McCord
PB: 8-31-17

Shipped Via: FedEX Ground

* 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 X Courier __ _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	09/07/17	1730		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.4 °C Bottles Received: 33
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9-8-17 Time: 845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

September 20, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L935156
Samples Received:	09/09/2017
Project Number:	684910.LD.MR.GR
Description:	Lewis Drive Site Groundwater
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

TABLE OF CONTENTS

MW-02B-090817 L935156-01 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 13:21 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 15:55	09/10/17 15:55	ACE

MW-12B-090817 L935156-02 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 11:35 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 16:14	09/10/17 16:14	ACE

MW-27-090817 L935156-03 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 08:30 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 16:33	09/10/17 16:33	ACE

MW-28-090817 L935156-04 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 08:52 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 16:52	09/10/17 16:52	ACE
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	5	09/14/17 16:52	09/14/17 16:52	BMB

MW-15-090817 L935156-05 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 09:08 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	5	09/14/17 17:12	09/14/17 17:12	BMB

MW-15B-090817 L935156-06 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 09:18 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	50	09/14/17 17:32	09/14/17 17:32	BMB

MW-34-090817 L935156-07 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 09:32 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	1	09/10/17 17:51	09/10/17 17:51	ACE
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018707	10	09/14/17 17:52	09/14/17 17:52	BMB

MW-39-090817 L935156-08 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 09:41 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 14:26	09/10/17 14:26	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	50	09/11/17 23:16	09/11/17 23:16	DWR

MW-37-090817 L935156-09 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 09:51 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 14:46	09/10/17 14:46	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/11/17 23:35	09/11/17 23:35	DWR

MW-38-090817 L935156-10 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 09:58 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 15:05	09/10/17 15:05	ACG

MW-24-090817 L935156-11 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 10:06 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 15:25	09/10/17 15:25	ACG

MW-24B-090817 L935156-12 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 10:15 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 15:45	09/10/17 15:45	ACG

MW-40-090817 L935156-13 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 10:37 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1000	09/11/17 23:55	09/11/17 23:55	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	20	09/10/17 16:04	09/10/17 16:04	ACG

MW-41-090817 L935156-14 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 10:45 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 16:24	09/10/17 16:24	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/12/17 00:14	09/12/17 00:14	DWR

MW-42-090817 L935156-15 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 10:56 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 16:44	09/10/17 16:44	ACG

MW-25B-090817 L935156-16 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 11:06 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 17:03	09/10/17 17:03	ACG

MW-25B-090817-DUP L935156-17 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 11:08 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 17:23	09/10/17 17:23	ACG

MW-25-090817 L935156-18 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 11:10 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 17:43	09/10/17 17:43	ACG

MW-35-090817 L935156-19 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 11:20 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/10/17 18:02	09/10/17 18:02	ACG

MW-17-090817 L935156-20 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 14:22 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1000	09/12/17 00:33	09/12/17 00:33	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	20	09/10/17 18:22	09/10/17 18:22	ACG

MW-02-090817 L935156-21 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 13:25 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	50	09/10/17 18:41	09/10/17 18:41	ACG

MW-06-090817 L935156-22 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 14:00 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	1	09/12/17 00:53	09/12/17 00:53	DWR

MW-12-090817 L935156-23 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 11:30 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018722	100	09/10/17 19:21	09/10/17 19:21	ACG

MW-14-090817 L935156-24 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 12:27 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 13:34	09/10/17 13:34	JBE

MW-14B-090817 L935156-25 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 12:32 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 13:51	09/10/17 13:51	JBE

MW-05-090817 L935156-26 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 13:50 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 14:07	09/10/17 14:07	JBE

MW-04-090817 L935156-27 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 15:30 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 14:24	09/10/17 14:24	JBE

MW-04-090817-DUP L935156-28 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 13:40 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 14:41	09/10/17 14:41	JBE

FB-090817 L935156-29 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 15:05 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 14:57	09/10/17 14:57	JBE

MW-31-090817 L935156-30 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 12:46 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 15:14	09/10/17 15:14	JBE

MW-10-090817 L935156-31 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 13:05 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 15:30	09/10/17 15:30	JBE

MW-32-090817 L935156-32 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 13:15 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 15:47	09/10/17 15:47	JBE

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

MW-08-090817 L935156-33 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 14:30 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 16:03	09/10/17 16:03	JBE

TB-090817 L935156-34 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 15:10 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 13:17	09/10/17 13:17	JBE

MW-36B-090817 L935156-35 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 15:30 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 16:20	09/10/17 16:20	JBE

MW-36-090817 L935156-37 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 15:25 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1018725	1	09/10/17 16:37	09/10/17 16:37	JBE

MW-21-090817 L935156-38 GW

Collected by: Melissa Warren | Collected date/time: 09/08/17 14:56 | Received date/time: 09/09/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1021646	1	09/18/17 14:13	09/18/17 14:13	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1021646	1	09/18/17 18:58	09/18/17 18:58	ACG

All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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

Sample Handling and Receiving

VOC pH outside of method requirement.

ESC Sample ID	Project Sample ID	Method
L935156-25	MW-14B-090817	8260B

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

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:55	WG1018707
Toluene	ND		1.00	1	09/10/2017 15:55	WG1018707
Ethylbenzene	ND		1.00	1	09/10/2017 15:55	WG1018707
Total Xylenes	ND		3.00	1	09/10/2017 15:55	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:55	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 15:55	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:55	WG1018707
(S) Toluene-d8	*104*		*80.0-120*		*09/10/2017 15:55*	WG1018707
(S) Dibromofluoromethane	*95.9*		*76.0-123*		*09/10/2017 15:55*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 15:55*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	126		1.00	1	09/10/2017 16:14	WG1018707
Toluene	16.8		1.00	1	09/10/2017 16:14	WG1018707
Ethylbenzene	3.81		1.00	1	09/10/2017 16:14	WG1018707
Total Xylenes	256		3.00	1	09/10/2017 16:14	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 16:14	WG1018707
Naphthalene	12.0		5.00	1	09/10/2017 16:14	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:14	WG1018707
(S) Toluene-d8	*104*		*80.0-120*		*09/10/2017 16:14*	WG1018707
(S) Dibromofluoromethane	*96.0*		*76.0-123*		*09/10/2017 16:14*	WG1018707
(S) 4-Bromofluorobenzene	*102*		*80.0-120*		*09/10/2017 16:14*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	4.96		1.00	1	09/10/2017 16:33	WG1018707
Toluene	2.13		1.00	1	09/10/2017 16:33	WG1018707
Ethylbenzene	5.75		1.00	1	09/10/2017 16:33	WG1018707
Total Xylenes	14.8		3.00	1	09/10/2017 16:33	WG1018707
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 16:33	WG1018707
Naphthalene	ND		5.00	1	09/10/2017 16:33	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:33	WG1018707
(S) Toluene-d8	*104*		*80.0-120*		*09/10/2017 16:33*	WG1018707
(S) Dibromofluoromethane	*94.1*		*76.0-123*		*09/10/2017 16:33*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 16:33*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	130		5.00	5	09/14/2017 16:52	WG1018707
Toluene	175		1.00	1	09/10/2017 16:52	WG1018707
Ethylbenzene	16.2		1.00	1	09/10/2017 16:52	WG1018707
Total Xylenes	388		3.00	1	09/10/2017 16:52	WG1018707
Methyl tert-butyl ether	4.77		1.00	1	09/10/2017 16:52	WG1018707
Naphthalene	13.6		5.00	1	09/10/2017 16:52	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:52	WG1018707
(S) Toluene-d8	*96.5*		*80.0-120*		*09/10/2017 16:52*	WG1018707
(S) Toluene-d8	*101*		*80.0-120*		*09/14/2017 16:52*	WG1018707
(S) Dibromofluoromethane	*94.5*		*76.0-123*		*09/10/2017 16:52*	WG1018707
(S) Dibromofluoromethane	*106*		*76.0-123*		*09/14/2017 16:52*	WG1018707
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*09/10/2017 16:52*	WG1018707
(S) 4-Bromofluorobenzene	*99.4*		*80.0-120*		*09/14/2017 16:52*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	454		5.00	5	09/14/2017 17:12	WG1018707
Toluene	567		5.00	5	09/14/2017 17:12	WG1018707
Ethylbenzene	24.0		5.00	5	09/14/2017 17:12	WG1018707
Total Xylenes	338		15.0	5	09/14/2017 17:12	WG1018707
Methyl tert-butyl ether	193		5.00	5	09/14/2017 17:12	WG1018707
Naphthalene	ND		25.0	5	09/14/2017 17:12	WG1018707
1,2-Dichloroethane	ND		5.00	5	09/14/2017 17:12	WG1018707
(S) Toluene-d8	*102*		*80.0-120*		*09/14/2017 17:12*	WG1018707
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/14/2017 17:12*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/14/2017 17:12*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	1820		50.0	50	09/14/2017 17:32	WG1018707
Toluene	3560		50.0	50	09/14/2017 17:32	WG1018707
Ethylbenzene	164		50.0	50	09/14/2017 17:32	WG1018707
Total Xylenes	1210		150	50	09/14/2017 17:32	WG1018707
Methyl tert-butyl ether	133		50.0	50	09/14/2017 17:32	WG1018707
Naphthalene	ND		250	50	09/14/2017 17:32	WG1018707
1,2-Dichloroethane	ND		50.0	50	09/14/2017 17:32	WG1018707
(S) Toluene-d8	*98.9*		*80.0-120*		*09/14/2017 17:32*	WG1018707
(S) Dibromofluoromethane	*110*		*76.0-123*		*09/14/2017 17:32*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/14/2017 17:32*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	1430		10.0	10	09/14/2017 17:52	WG1018707
Toluene	98.0		1.00	1	09/10/2017 17:51	WG1018707
Ethylbenzene	6.01		1.00	1	09/10/2017 17:51	WG1018707
Total Xylenes	264		3.00	1	09/10/2017 17:51	WG1018707
Methyl tert-butyl ether	191		1.00	1	09/10/2017 17:51	WG1018707
Naphthalene	7.33		5.00	1	09/10/2017 17:51	WG1018707
1,2-Dichloroethane	ND		1.00	1	09/10/2017 17:51	WG1018707
(S) Toluene-d8	*102*		*80.0-120*		*09/14/2017 17:52*	WG1018707
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 17:51*	WG1018707
(S) Dibromofluoromethane	*90.3*		*76.0-123*		*09/10/2017 17:51*	WG1018707
(S) Dibromofluoromethane	*108*		*76.0-123*		*09/14/2017 17:52*	WG1018707
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 17:51*	WG1018707
(S) 4-Bromofluorobenzene	*106*		*80.0-120*		*09/14/2017 17:52*	WG1018707

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	3380		50.0	50	09/11/2017 23:16	WG1018722
Toluene	1040		50.0	50	09/11/2017 23:16	WG1018722
Ethylbenzene	10.7		1.00	1	09/10/2017 14:26	WG1018722
Total Xylenes	2740		150	50	09/11/2017 23:16	WG1018722
Methyl tert-butyl ether	376		50.0	50	09/11/2017 23:16	WG1018722
Naphthalene	15.6		5.00	1	09/10/2017 14:26	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:26	WG1018722
(S) Toluene-d8	*97.2*		*80.0-120*		*09/11/2017 23:16*	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 14:26*	WG1018722
(S) Dibromofluoromethane	*64.2*	J2	*76.0-123*		*09/10/2017 14:26*	WG1018722
(S) Dibromofluoromethane	*97.0*		*76.0-123*		*09/11/2017 23:16*	WG1018722
(S) 4-Bromofluorobenzene	*101*		*80.0-120*		*09/10/2017 14:26*	WG1018722
(S) 4-Bromofluorobenzene	*98.3*		*80.0-120*		*09/11/2017 23:16*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:46	WG1018722
Toluene	ND		1.00	1	09/10/2017 14:46	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 14:46	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 14:46	WG1018722
Methyl tert-butyl ether	1.50		1.00	1	09/11/2017 23:35	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 14:46	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:46	WG1018722
(S) Toluene-d8	*96.9*		*80.0-120*		*09/11/2017 23:35*	WG1018722
(S) Toluene-d8	*100*		*80.0-120*		*09/10/2017 14:46*	WG1018722
(S) Dibromofluoromethane	*98.7*		*76.0-123*		*09/11/2017 23:35*	WG1018722
(S) Dibromofluoromethane	*111*		*76.0-123*		*09/10/2017 14:46*	WG1018722
(S) 4-Bromofluorobenzene	*98.0*		*80.0-120*		*09/11/2017 23:35*	WG1018722
(S) 4-Bromofluorobenzene	*113*		*80.0-120*		*09/10/2017 14:46*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:05	WG1018722
Toluene	ND		1.00	1	09/10/2017 15:05	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 15:05	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 15:05	WG1018722
Methyl tert-butyl ether	12.9		1.00	1	09/10/2017 15:05	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 15:05	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:05	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 15:05*	WG1018722
(S) Dibromofluoromethane	*113*		*76.0-123*		*09/10/2017 15:05*	WG1018722
(S) 4-Bromofluorobenzene	*116*		*80.0-120*		*09/10/2017 15:05*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:25	WG1018722
Toluene	ND		1.00	1	09/10/2017 15:25	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 15:25	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 15:25	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:25	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 15:25	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:25	WG1018722
(S) Toluene-d8	*100*		*80.0-120*		*09/10/2017 15:25*	WG1018722
(S) Dibromofluoromethane	*113*		*76.0-123*		*09/10/2017 15:25*	WG1018722
(S) 4-Bromofluorobenzene	*116*		*80.0-120*		*09/10/2017 15:25*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:45	WG1018722
Toluene	ND		1.00	1	09/10/2017 15:45	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 15:45	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 15:45	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:45	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 15:45	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:45	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 15:45*	WG1018722
(S) Dibromofluoromethane	*114*		*76.0-123*		*09/10/2017 15:45*	WG1018722
(S) 4-Bromofluorobenzene	*116*		*80.0-120*		*09/10/2017 15:45*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	14300		1000	1000	09/11/2017 23:55	WG1018722
Toluene	28700		1000	1000	09/11/2017 23:55	WG1018722
Ethylbenzene	1250		20.0	20	09/10/2017 16:04	WG1018722
Total Xylenes	9250		60.0	20	09/10/2017 16:04	WG1018722
Methyl tert-butyl ether	716		20.0	20	09/10/2017 16:04	WG1018722
Naphthalene	219		100	20	09/10/2017 16:04	WG1018722
1,2-Dichloroethane	ND		20.0	20	09/10/2017 16:04	WG1018722
(S) Toluene-d8	*97.2*		*80.0-120*		*09/11/2017 23:55*	WG1018722
(S) Toluene-d8	*104*		*80.0-120*		*09/10/2017 16:04*	WG1018722
(S) Dibromofluoromethane	*96.8*		*76.0-123*		*09/11/2017 23:55*	WG1018722
(S) Dibromofluoromethane	*97.4*		*76.0-123*		*09/10/2017 16:04*	WG1018722
(S) 4-Bromofluorobenzene	*100*		*80.0-120*		*09/11/2017 23:55*	WG1018722
(S) 4-Bromofluorobenzene	*108*		*80.0-120*		*09/10/2017 16:04*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	189		1.00	1	09/10/2017 16:24	WG1018722
Toluene	ND		1.00	1	09/12/2017 00:14	WG1018722
Ethylbenzene	1.51		1.00	1	09/10/2017 16:24	WG1018722
Total Xylenes	90.0		3.00	1	09/10/2017 16:24	WG1018722
Methyl tert-butyl ether	3.74		1.00	1	09/10/2017 16:24	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 16:24	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:24	WG1018722
(S) Toluene-d8	*98.3*		*80.0-120*		*09/10/2017 16:24*	WG1018722
(S) Toluene-d8	*97.4*		*80.0-120*		*09/12/2017 00:14*	WG1018722
(S) Dibromofluoromethane	*112*		*76.0-123*		*09/10/2017 16:24*	WG1018722
(S) Dibromofluoromethane	*94.9*		*76.0-123*		*09/12/2017 00:14*	WG1018722
(S) 4-Bromofluorobenzene	*95.3*		*80.0-120*		*09/12/2017 00:14*	WG1018722
(S) 4-Bromofluorobenzene	*113*		*80.0-120*		*09/10/2017 16:24*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	143		1.00	1	09/10/2017 16:44	WG1018722
Toluene	ND		1.00	1	09/10/2017 16:44	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 16:44	WG1018722
Total Xylenes	100		3.00	1	09/10/2017 16:44	WG1018722
Methyl tert-butyl ether	1.51		1.00	1	09/10/2017 16:44	WG1018722
Naphthalene	5.52		5.00	1	09/10/2017 16:44	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:44	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 16:44*	WG1018722
(S) Dibromofluoromethane	*112*		*76.0-123*		*09/10/2017 16:44*	WG1018722
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/10/2017 16:44*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 17:03	WG1018722
Toluene	ND		1.00	1	09/10/2017 17:03	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 17:03	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 17:03	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 17:03	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 17:03	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 17:03	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 17:03*	WG1018722
(S) Dibromofluoromethane	*115*		*76.0-123*		*09/10/2017 17:03*	WG1018722
(S) 4-Bromofluorobenzene	*114*		*80.0-120*		*09/10/2017 17:03*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 17:23	WG1018722
Toluene	ND		1.00	1	09/10/2017 17:23	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 17:23	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 17:23	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 17:23	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 17:23	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 17:23	WG1018722
(S) Toluene-d8	*99.1*		*80.0-120*		*09/10/2017 17:23*	WG1018722
(S) Dibromofluoromethane	*114*		*76.0-123*		*09/10/2017 17:23*	WG1018722
(S) 4-Bromofluorobenzene	*115*		*80.0-120*		*09/10/2017 17:23*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	200		1.00	1	09/10/2017 17:43	WG1018722
Toluene	1.27		1.00	1	09/10/2017 17:43	WG1018722
Ethylbenzene	12.2		1.00	1	09/10/2017 17:43	WG1018722
Total Xylenes	214		3.00	1	09/10/2017 17:43	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 17:43	WG1018722
Naphthalene	10.6		5.00	1	09/10/2017 17:43	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 17:43	WG1018722
(S) Toluene-d8	*98.9*		*80.0-120*		*09/10/2017 17:43*	WG1018722
(S) Dibromofluoromethane	*109*		*76.0-123*		*09/10/2017 17:43*	WG1018722
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/10/2017 17:43*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 18:02	WG1018722
Toluene	ND		1.00	1	09/10/2017 18:02	WG1018722
Ethylbenzene	ND		1.00	1	09/10/2017 18:02	WG1018722
Total Xylenes	ND		3.00	1	09/10/2017 18:02	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 18:02	WG1018722
Naphthalene	ND		5.00	1	09/10/2017 18:02	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/10/2017 18:02	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 18:02*	WG1018722
(S) Dibromofluoromethane	*113*		*76.0-123*		*09/10/2017 18:02*	WG1018722
(S) 4-Bromofluorobenzene	*117*		*80.0-120*		*09/10/2017 18:02*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	11400		1000	1000	09/12/2017 00:33	WG1018722
Toluene	23900		1000	1000	09/12/2017 00:33	WG1018722
Ethylbenzene	1240		20.0	20	09/10/2017 18:22	WG1018722
Total Xylenes	8460		60.0	20	09/10/2017 18:22	WG1018722
Methyl tert-butyl ether	1330		20.0	20	09/10/2017 18:22	WG1018722
Naphthalene	201		100	20	09/10/2017 18:22	WG1018722
1,2-Dichloroethane	ND		20.0	20	09/10/2017 18:22	WG1018722
(S) Toluene-d8	*100*		*80.0-120*		*09/10/2017 18:22*	WG1018722
(S) Toluene-d8	*95.5*		*80.0-120*		*09/12/2017 00:33*	WG1018722
(S) Dibromofluoromethane	*97.3*		*76.0-123*		*09/12/2017 00:33*	WG1018722
(S) Dibromofluoromethane	*99.7*		*76.0-123*		*09/10/2017 18:22*	WG1018722
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/10/2017 18:22*	WG1018722
(S) 4-Bromofluorobenzene	*99.4*		*80.0-120*		*09/12/2017 00:33*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	2340		50.0	50	09/10/2017 18:41	WG1018722
Toluene	7120		50.0	50	09/10/2017 18:41	WG1018722
Ethylbenzene	181		50.0	50	09/10/2017 18:41	WG1018722
Total Xylenes	8510		150	50	09/10/2017 18:41	WG1018722
Methyl tert-butyl ether	ND		50.0	50	09/10/2017 18:41	WG1018722
Naphthalene	389		250	50	09/10/2017 18:41	WG1018722
1,2-Dichloroethane	ND		50.0	50	09/10/2017 18:41	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 18:41*	WG1018722
(S) Dibromofluoromethane	*111*		*76.0-123*		*09/10/2017 18:41*	WG1018722
(S) 4-Bromofluorobenzene	*114*		*80.0-120*		*09/10/2017 18:41*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/12/2017 00:53	WG1018722
Toluene	ND		1.00	1	09/12/2017 00:53	WG1018722
Ethylbenzene	ND		1.00	1	09/12/2017 00:53	WG1018722
Total Xylenes	ND		3.00	1	09/12/2017 00:53	WG1018722
Methyl tert-butyl ether	ND		1.00	1	09/12/2017 00:53	WG1018722
Naphthalene	ND		5.00	1	09/12/2017 00:53	WG1018722
1,2-Dichloroethane	ND		1.00	1	09/12/2017 00:53	WG1018722
(S) Toluene-d8	*96.4*		*80.0-120*		*09/12/2017 00:53*	WG1018722
(S) Dibromofluoromethane	*98.7*		*76.0-123*		*09/12/2017 00:53*	WG1018722
(S) 4-Bromofluorobenzene	*97.7*		*80.0-120*		*09/12/2017 00:53*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	648		100	100	09/10/2017 19:21	WG1018722
Toluene	3470		100	100	09/10/2017 19:21	WG1018722
Ethylbenzene	436		100	100	09/10/2017 19:21	WG1018722
Total Xylenes	4440		300	100	09/10/2017 19:21	WG1018722
Methyl tert-butyl ether	ND		100	100	09/10/2017 19:21	WG1018722
Naphthalene	ND		500	100	09/10/2017 19:21	WG1018722
1,2-Dichloroethane	ND		100	100	09/10/2017 19:21	WG1018722
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 19:21*	WG1018722
(S) Dibromofluoromethane	*110*		*76.0-123*		*09/10/2017 19:21*	WG1018722
(S) 4-Bromofluorobenzene	*115*		*80.0-120*		*09/10/2017 19:21*	WG1018722

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 13:34	WG1018725
Toluene	ND		1.00	1	09/10/2017 13:34	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 13:34	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 13:34	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 13:34	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 13:34	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 13:34	WG1018725
(S) Toluene-d8	*102*		*80.0-120*		*09/10/2017 13:34*	WG1018725
(S) Dibromofluoromethane	*108*		*76.0-123*		*09/10/2017 13:34*	WG1018725
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/10/2017 13:34*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	6.81		1.00	1	09/10/2017 13:51	WG1018725
Toluene	ND		1.00	1	09/10/2017 13:51	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 13:51	WG1018725
Total Xylenes	6.67		3.00	1	09/10/2017 13:51	WG1018725
Methyl tert-butyl ether	18.7		1.00	1	09/10/2017 13:51	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 13:51	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 13:51	WG1018725
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 13:51*	WG1018725
(S) Dibromofluoromethane	*63.9*	J2	*76.0-123*		*09/10/2017 13:51*	WG1018725
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*09/10/2017 13:51*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:07	WG1018725
Toluene	ND		1.00	1	09/10/2017 14:07	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 14:07	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 14:07	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:07	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 14:07	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:07	WG1018725
(S) Toluene-d8	*102*		*80.0-120*		*09/10/2017 14:07*	WG1018725
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/10/2017 14:07*	WG1018725
(S) 4-Bromofluorobenzene	*112*		*80.0-120*		*09/10/2017 14:07*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:24	WG1018725
Toluene	ND		1.00	1	09/10/2017 14:24	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 14:24	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 14:24	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:24	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 14:24	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:24	WG1018725
(S) Toluene-d8	*102*		*80.0-120*		*09/10/2017 14:24*	WG1018725
(S) Dibromofluoromethane	*108*		*76.0-123*		*09/10/2017 14:24*	WG1018725
(S) 4-Bromofluorobenzene	*112*		*80.0-120*		*09/10/2017 14:24*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:41	WG1018725
Toluene	ND		1.00	1	09/10/2017 14:41	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 14:41	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 14:41	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:41	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 14:41	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:41	WG1018725
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 14:41*	WG1018725
(S) Dibromofluoromethane	*108*		*76.0-123*		*09/10/2017 14:41*	WG1018725
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/10/2017 14:41*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 14:57	WG1018725
Toluene	ND		1.00	1	09/10/2017 14:57	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 14:57	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 14:57	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 14:57	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 14:57	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 14:57	WG1018725
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 14:57*	WG1018725
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/10/2017 14:57*	WG1018725
(S) 4-Bromofluorobenzene	*110*		*80.0-120*		*09/10/2017 14:57*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:14	WG1018725
Toluene	ND		1.00	1	09/10/2017 15:14	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 15:14	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 15:14	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:14	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 15:14	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:14	WG1018725
(S) Toluene-d8	*102*		*80.0-120*		*09/10/2017 15:14*	WG1018725
(S) Dibromofluoromethane	*108*		*76.0-123*		*09/10/2017 15:14*	WG1018725
(S) 4-Bromofluorobenzene	*108*		*80.0-120*		*09/10/2017 15:14*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:30	WG1018725
Toluene	ND		1.00	1	09/10/2017 15:30	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 15:30	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 15:30	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:30	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 15:30	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:30	WG1018725
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 15:30*	WG1018725
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/10/2017 15:30*	WG1018725
(S) 4-Bromofluorobenzene	*112*		*80.0-120*		*09/10/2017 15:30*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 15:47	WG1018725
Toluene	ND		1.00	1	09/10/2017 15:47	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 15:47	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 15:47	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 15:47	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 15:47	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 15:47	WG1018725
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 15:47*	WG1018725
(S) Dibromofluoromethane	*109*		*76.0-123*		*09/10/2017 15:47*	WG1018725
(S) 4-Bromofluorobenzene	*106*		*80.0-120*		*09/10/2017 15:47*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 16:03	WG1018725
Toluene	ND		1.00	1	09/10/2017 16:03	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 16:03	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 16:03	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 16:03	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 16:03	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:03	WG1018725
(S) Toluene-d8	*102*		*80.0-120*		*09/10/2017 16:03*	WG1018725
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/10/2017 16:03*	WG1018725
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/10/2017 16:03*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 13:17	WG1018725
Toluene	ND		1.00	1	09/10/2017 13:17	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 13:17	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 13:17	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 13:17	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 13:17	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 13:17	WG1018725
(S) Toluene-d8	*102*		*80.0-120*		*09/10/2017 13:17*	WG1018725
(S) Dibromofluoromethane	*111*		*76.0-123*		*09/10/2017 13:17*	WG1018725
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*09/10/2017 13:17*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/10/2017 16:20	WG1018725
Toluene	ND		1.00	1	09/10/2017 16:20	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 16:20	WG1018725
Total Xylenes	ND		3.00	1	09/10/2017 16:20	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 16:20	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 16:20	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:20	WG1018725
(S) Toluene-d8	*101*		*80.0-120*		*09/10/2017 16:20*	WG1018725
(S) Dibromofluoromethane	*108*		*76.0-123*		*09/10/2017 16:20*	WG1018725
(S) 4-Bromofluorobenzene	*107*		*80.0-120*		*09/10/2017 16:20*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	4.75		1.00	1	09/10/2017 16:37	WG1018725
Toluene	6.16		1.00	1	09/10/2017 16:37	WG1018725
Ethylbenzene	ND		1.00	1	09/10/2017 16:37	WG1018725
Total Xylenes	4.62		3.00	1	09/10/2017 16:37	WG1018725
Methyl tert-butyl ether	ND		1.00	1	09/10/2017 16:37	WG1018725
Naphthalene	ND		5.00	1	09/10/2017 16:37	WG1018725
1,2-Dichloroethane	ND		1.00	1	09/10/2017 16:37	WG1018725
(S) Toluene-d8	*103*		*80.0-120*		*09/10/2017 16:37*	WG1018725
(S) Dibromofluoromethane	*107*		*76.0-123*		*09/10/2017 16:37*	WG1018725
(S) 4-Bromofluorobenzene	*108*		*80.0-120*		*09/10/2017 16:37*	WG1018725

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	09/18/2017 14:13	WG1021646
Toluene	ND		1.00	1	09/18/2017 14:13	WG1021646
Ethylbenzene	ND		1.00	1	09/18/2017 14:13	WG1021646
Total Xylenes	ND		3.00	1	09/18/2017 14:13	WG1021646
Methyl tert-butyl ether	ND		1.00	1	09/18/2017 14:13	WG1021646
Naphthalene	ND		5.00	1	09/18/2017 18:58	WG1021646
1,2-Dichloroethane	ND		1.00	1	09/18/2017 14:13	WG1021646
(S) Toluene-d8	*103*		*80.0-120*		*09/18/2017 18:58*	WG1021646
(S) Toluene-d8	*101*		*80.0-120*		*09/18/2017 14:13*	WG1021646
(S) Dibromofluoromethane	*105*		*76.0-123*		*09/18/2017 14:13*	WG1021646
(S) Dibromofluoromethane	*100*		*76.0-123*		*09/18/2017 18:58*	WG1021646
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*09/18/2017 14:13*	WG1021646
(S) 4-Bromofluorobenzene	*101*		*80.0-120*		*09/18/2017 18:58*	WG1021646

WG1018707

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

QUALITY CONTROL SUMMARY

L935156-01,02,03,04,05,06,07

Method Blank (MB)

(MB) R3249130-3 09/10/17 10:33

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	*103*			*80.0-120*
(S) Dibromofluoromethane	*95.3*			*76.0-123*
(S) 4-Bromofluorobenzene	*103*			*80.0-120*

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

(LCS) R3249130-1 09/10/17 09:35 • (LCSD) R3249130-2 09/10/17 09:54

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	25.4	24.4	102	97.5	70.0-130			4.13	20
1,2-Dichloroethane	25.0	26.2	26.1	105	104	70.0-130			0.230	20
Ethylbenzene	25.0	28.2	27.3	113	109	70.0-130			3.17	20
Methyl tert-butyl ether	25.0	26.1	26.0	104	104	70.0-130			0.140	20
Naphthalene	25.0	28.0	29.1	112	116	70.0-130			3.91	20
Toluene	25.0	27.0	26.0	108	104	70.0-130			3.45	20
Xylenes, Total	75.0	83.4	81.2	111	108	70.0-130			2.67	20
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) Dibromofluoromethane				*95.5*	*93.8*	*76.0-123*				
(S) 4-Bromofluorobenzene				*103*	*104*	*80.0-120*				

Method Blank (MB)

(MB) R3248227-3 09/10/17 11:01

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	*99.8*			*80.0-120*
(S) Dibromofluoromethane	*115*			*76.0-123*
(S) 4-Bromofluorobenzene	*116*			*80.0-120*

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

(LCS) R3248227-1 09/10/17 09:42 • (LCSD) R3248227-2 09/10/17 10:02

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	28.4	28.3	114	113	70.0-130			0.610	20
1,2-Dichloroethane	25.0	29.7	30.0	119	120	70.0-130			0.850	20
Ethylbenzene	25.0	23.2	23.0	92.9	92.0	70.0-130			1.02	20
Methyl tert-butyl ether	25.0	29.3	29.7	117	119	70.0-130			1.38	20
Naphthalene	25.0	24.1	24.1	96.3	96.3	70.0-130			0.0500	20
Toluene	25.0	24.6	25.2	98.6	101	70.0-130			2.26	20
Xylenes, Total	75.0	68.4	69.9	91.2	93.2	70.0-130			2.17	20
(S) Toluene-d8				*97.5*	*99.3*	*80.0-120*				
(S) Dibromofluoromethane				*108*	*111*	*76.0-123*				
(S) 4-Bromofluorobenzene				*109*	*106*	*80.0-120*				

Method Blank (MB)

(MB) R3249464-2 09/10/17 10:08

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	*103*			*80.0-120*
(S) Dibromofluoromethane	*105*			*76.0-123*
(S) 4-Bromofluorobenzene	*111*			*80.0-120*

Laboratory Control Sample (LCS)

(LCS) R3249464-1 09/10/17 09:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	25.0	26.3	105	70.0-130	
1,2-Dichloroethane	25.0	26.1	105	70.0-130	
Ethylbenzene	25.0	23.9	95.8	70.0-130	
Methyl tert-butyl ether	25.0	25.5	102	70.0-130	
Naphthalene	25.0	18.9	75.6	70.0-130	
Toluene	25.0	23.7	94.8	70.0-130	
Xylenes, Total	75.0	71.9	95.9	70.0-130	
(S) Toluene-d8			*103*	*80.0-120*	
(S) Dibromofluoromethane			*105*	*76.0-123*	
(S) 4-Bromofluorobenzene			*111*	*80.0-120*	

Method Blank (MB)

(MB) R3250130-3 09/18/17 10:25

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	*101*			*76.0-123*
(S) 4-Bromofluorobenzene	*112*			*80.0-120*

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

(LCS) R3250130-1 09/18/17 09:35 • (LCSD) R3250130-2 09/18/17 09:52

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	24.2	24.5	96.9	98.1	70.0-130			1.26	20
1,2-Dichloroethane	25.0	25.0	25.9	100	104	70.0-130			3.54	20
Ethylbenzene	25.0	23.4	23.4	93.8	93.5	70.0-130			0.300	20
Methyl tert-butyl ether	25.0	24.1	23.5	96.6	93.9	70.0-130			2.77	20
Toluene	25.0	22.4	22.8	89.4	91.1	70.0-130			1.90	20
Xylenes, Total	75.0	69.7	70.3	92.9	93.7	70.0-130			0.860	20
(S) Toluene-d8				*102*	*102*	*80.0-120*				
(S) Dibromofluoromethane				*103*	*102*	*76.0-123*				
(S) 4-Bromofluorobenzene				*110*	*110*	*80.0-120*				

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

(LCS) R3250397-1 09/18/17 09:22 • (LCSD) R3250397-2 09/18/17 09:42

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	%	%	%			%	%
Naphthalene	25.0	23.2	23.7	92.8	94.7	70.0-130			2.05	20
(S) Toluene-d8				*101*	*100*	*80.0-120*				
(S) Dibromofluoromethane				*101*	*99.9*	*76.0-123*				
(S) 4-Bromofluorobenzene				*99.1*	*98.4*	*80.0-120*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(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.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.

Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Al
9 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.

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 [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	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 [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	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 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [na] 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

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: BELTON, SC

Phone: 770-604-9182 Fax:

Client Project # 684910.LD.MR,GR

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DR.

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

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

Quote #

Date Results Needed

Chain of Custody Page ___ of ___

ESC LAB SCIENCES, a subsidiary of Pace Analytical

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

L# 935156

T A069

Acctnum: KINCH2MGA

Template: T121318

Prelogin: P616114

TSR: 526 - Chris McCord

PB: 8-31-17

Shipped Via: FedEx Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	BTEX	MTBE	NAPHTHALENE	1,2-DCA	Remarks	Sample # (lab only)
MW-02B-090816	GRAB	GW	NA	09/08/17	1321	3	X	X	X	X	X	X		-01
MW-12B-090816		GW			1135	3	X							-02
MW-27-090817		GW			0830	3	X							-03
MW-28-090817		GW			0852	3	X							-04
MW-15-090817		GW			0908	3	X							-05
MW-15B-090817		GW			0918	3	X							-06
MW-31-090817		GW			0932	3	X							-07
MW-39-090817		GW			0941	3	X							-08
MW-37-090817		GW			0951	3	X							-09
MW-38-090817		GW			0958	3	X							-10

* 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 X FedEx ___ Courier ___ _____

Tracking # 7474 0926 9265

Sample Receipt Checklist

COC Seal Present/Intact: ___NP X Y ___N

COC Signed/Accurate: X Y ___N

Bottles arrive intact: X Y ___N

Correct bottles used: X Y ___N

Sufficient volume sent: X Y ___N

If Applicable

VOA Zero Headspace: ___Y ___N

Preservation Correct/Checked: ___Y ___N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	09/08/17	1750		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 103
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/9/17 Time: 0845
				Hold: Condition: NCF / OK

AV 09/15/17

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: BELTON, SC

Phone: 770-604-9182
Fax:

Client Project # 684910.LD.MR.GR

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DR

P.O. #

Collected by (signature):

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

Quote #

Date Results Needed

Immediately Packed on Ice N X Y ___

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Accutest
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L935156

Table #

Acctnum: KINCH2MGA
Template: T121318
Prelogin: P616114
TSR: 526 - Chris McCord
PB: 8-31-17

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres Chk	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	BTEX	MTBE	NAPHTHALENE	1,2-DCA	Remarks	Sample # (lab only)
MW-24-090817	GRAB	GW	NA	09/08/17	1006	3	X	X	X	X	X	X	X		-11
MW-24B-090817		GW			1015	3	X								-12
MW-40-090817		GW			1057	3	X								-13
MW-41-090817		GW			1045	3	X								-14
MW-42-090817		GW			1056	3	X								-15
MW-25B-090817		GW			1106	3	X								-16
MW-25B-090817-DUP		GW			1108	3	X								-17
MW-25-090817		GW			1110	3	X								-18
MW-35-090817		GW			1120	3	X								-19
MW-13B-090817		GW			1242	3	X								-20

* 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 X Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
	09/08/17	1750		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 108
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 9/9/17 Time: 0845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

AV 09/15/17

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: BELTON, SC

Phone: 770-604-9182
Fax:

Client Project # 684910.LD.MRGR

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DRIVE

P.O. #

Collected by (signature):

Immediately Packed on Ice N X Y ___

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

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	BTEX	MTBE	NAPHTHALENE	1,2-DCA	Remarks	Sample # (lab only)
MW-17-090817	GRAB	GW	NA	09/08/17	1422	3	X	X	X	X	X	X		-20 -21
MW-02-090817		GW			1325	3	X							-21 -22
MW-06-090817		GW			1360	3	X							-22 -23
MW-12-090817		GW			1130	3	X							-23 -24
MW-14-090817		GW			1227	3	X							-24 -25
MW-14B-090817		GW			1232	3	X							-25 -26
MW-05-090817		GW			1350	3	X							-26 -27
MW-04-090817		GW			1530	3	X							-27 -28
MW-04-090817-DUP		GW			1340	3	X							-28 -29
FB-090817		GW			1505	3 X	X							-29 -30

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Pace Analytical

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

L# 1935156

Table #

Acctnum: KINCH2MGA
Template: T121318
Prelogin: P616114
TSR: 526 - Chris McCord
PB: 8-31-17

Shipped Via: FedEX Ground

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

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

Samples returned via: __ UPS X FedEx __ Courier __ _____

Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	09/08/17	1750	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: 2.1 °C Bottles Received: 18

Date: 9/9/17 Time: 0848

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

AV 09/15/17

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: BELTON, SC

Phone: 770-604-9182
Fax:

Client Project # 684910.LD.MI.GR

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): MELISSA WARREN

Site/Facility ID # LEWIS DR

P.O. #

Collected by (signature):

Immediately Packed on Ice N X Y ___

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

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk	BTEX	MTBE	NAPHTHALENE	1,2-DCA	Remarks	Sample # (lab only)
MW-31-090817	GRAB	GW	NA	09/08/17	1246	3	X	X	X	X	X	X		-30 -31
MW-10-090817		GW			1305	3	X	X						-31 -32
MW-32-090817		GW			1315	3	X	X						-32 -33
MW-08-090817		GW			1430	3	X	X						-33 -34
TB-090817		GW			1510	~~1~~ 2	X	X						-34 -35
MW-36B-090817		GW			1550	~~3~~ 2	X	X						-35 -36
MW-36-090817		GW			1525	3	X	X						-36 -37

Chain of Custody Page ___ of ___

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

L# L935156

Table #

Acctnum: KINCH2MGA

Template: T121318

Prelogin: P616114

TSR: 526 - Chris McCord

PB: 8-31-17 GM

Shipped Via: FedEx Ground

* 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 X FedEx __ Courier _____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	09/08/17	1750	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No (HCl) / MeOH TBR

Temp: 2.1 °C Bottles Received: 18

Date: 9/9/17 Time: 0845

If preservation required by Login: Date/Time

Hold:

Condition: (NCF) / OK

AV 09/15/17

Andy Vann

ESC Lab Sciences
Non-Conformance Form

Login #: L935156	Client: KINCH2MGA	Date: 9/9/17	Evaluated by: Troy Dunlap

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time	X	Login Clarification Needed		**If Broken Container:**
	Improper temperature		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	Improper preservation		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Couri
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments: 1.) Did not receive MW-13B-090817.
2.) Received MW-21-090817 at 1456 not listed on the COC.

Client informed by:		Call	x	Email		Voice Mail		Date:9/11/17	Time:
TSR Initials:CM	Client Contact: Bethany Garvey								

Login Instructions:

Client notified of missing containers. Please correct COC to note NCF and correct container count.

2. Log MW-21-090817 for V8260BTEXMNSC