CH2M
[illegible] Highwood Boulevard
Suite [illegible]
Raleigh NC [illegible]
O +1 [illegible]
F +1 [illegible]
www.ch2m.com

August 4, 2017

Delivered via FedEx Overnight Delivery

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

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

Dear Ms. Coleman,

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

Regards,
CH2M HILL Engineers, Inc.

Scott F. Powell, PE
Assistant Project Manager

Attachments:

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

- Surface Water Analytical Laboratory Report
- Groundwater Analytical Laboratory Reports

c: Jerry Aycock, Plantation (Digital, Jerry_Aycock@kindermorgan.com)
Mary Clair Lyons, Esq., Plantation (Digital, Mary_Lyons@kindermorgan.com)
Richard Morton, Esq., Womble Carlyle Sandridge & Rice, PLLC (Digital, rmorton@wcsr.com)
File

Monthly Status Update
Plantation Pipe Line Company
Lewis Drive Remediation
Site ID #18693 "Kinder Morgan Belton Pipeline Release"
May 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 have been noted. Biological sheens (not from the hydrocarbon release at the site) were noted on Brown's 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 depicted along with groundwater elevations on Figure 1.
- To date, 36 rounds of surface water samples have been analyzed for benzene, toluene, ethylbenzene, xylenes, and naphthalene (see Table 3).
- During this reporting period, surface water samples were collected on May 4, 2017. Fourteen surface water samples were collected at locations SW-01, SW-02, SW-03, SW-04, SW-07, SW-08, SW-09, SW-10, SW-11, SW-12, SW-13, FP-01, FP-02, and FP-03 (locations SW-05 and SW-06 in Cupboard Creek were dry).
    - The following constituents were detected above their respective surface water standards:
        - 52.8 µg/L benzene at SW-12
    - Apart from these locations, no dissolved hydrocarbons were detected above their respective surface water standards in the remaining surface water samples. Analytical lab reports are attached.
    - SW-12 is located just downgradient of a seep on the hillside above Brown's Creek. The seep location is plotted on Figures 1 and 2.

Product Recovery

- Gauged depth to product and depth to water in recovery sumps, trenches, piezometers, recovery wells, and stream gauges on a routine basis. A site-wide gauging event was performed on May 4, 2017. During this event, 11 wells and sumps had product thicknesses of 0.5 foot or greater. The greatest product thickness was 2.86 feet in MW-18. All wells showing greater than 0.5 feet of product are away from surface water bodies at the site. Recovery well and monitoring well construction information is presented in Table 4. Groundwater elevation and product thickness data for May are presented in Table 5. Groundwater elevation and product thicknesses for May 2017 are presented on Figures 1 and 2, respectively.
- Approximately 510 gallons of product were collected in May during twice weekly product evacuation events. Evacuated product/water from Trench RT-2 installed adjacent to Brown's Creek from the recovery trench extraction points to help mitigate potential migration of contaminants to Brown's Creek. See Table 5 for the specific dates and times certain wells and sumps were used for product recovery.
- To date, approximately 222,159 gallons (5,290 barrels) of product have been collected through the end of May 2017.

Groundwater

- Operated and recorded data from 4 continuous water level data loggers (In Situ Rugged Troll 100) in MW-02, MW-12, MW-15, and MW-20, and a barometric pressure logger in MW-01 during system startup activities.
- Collected monthly groundwater samples in accordance with the approved Startup Plan. Analytical lab reports are attached and results are summarized in Table 6.

Remedial System Operation

- Continued biosparging in the Brown's Creek Protection Zone and Cupboard Creek Protection Zone. Operation and monitoring was conducted per the approved Startup Plan.
- Initiated biosparging in the horizontal wells in the Hayfield Zone per the *Request for Authorization to Initiate Remediation in the Hayfield Zone* dated April 11, 2017 and approved by SCDHEC on April 26, 2017 as part of the Corrective Action Plan Addendum.

Regulatory Interaction

- Submitted the *Shallow Bedrock Zone – Biosparging Pilot Study Plan* on May 8, 2017.
- Submitted a *Request for Well Permit to Install Additional Monitoring Wells* on May 8, 2017.
- Submitted a Response to Comments to SCDHEC Letter titled *"Quality Assurance Project Plan Revision Request,"* dated April 26, 2017, on May 24, 2017.
- Submitted a Response to SCDHEC Letter titled *"Corrective Action Plan, Response to Comments, and Monthly Report Review & request for a revised Corrective Action Plan Addendum,"* dated April 26, 2017, on May 25, 2017.
- Submitted the *Light Non-Aqueous Phase Liquid Mobility Testing Technical Memorandum* on May 25, 2017.
- Conducted internal stormwater pollution prevention plan (SWPPP) inspections on May 3, May 11, May 17, May 25, and May 31, 2017.
- Mr. Alex Kostik of the Anderson County Stormwater Department performed a SWPPP inspection on May 19, 2017. No deficiencies were noted.

Future Activities

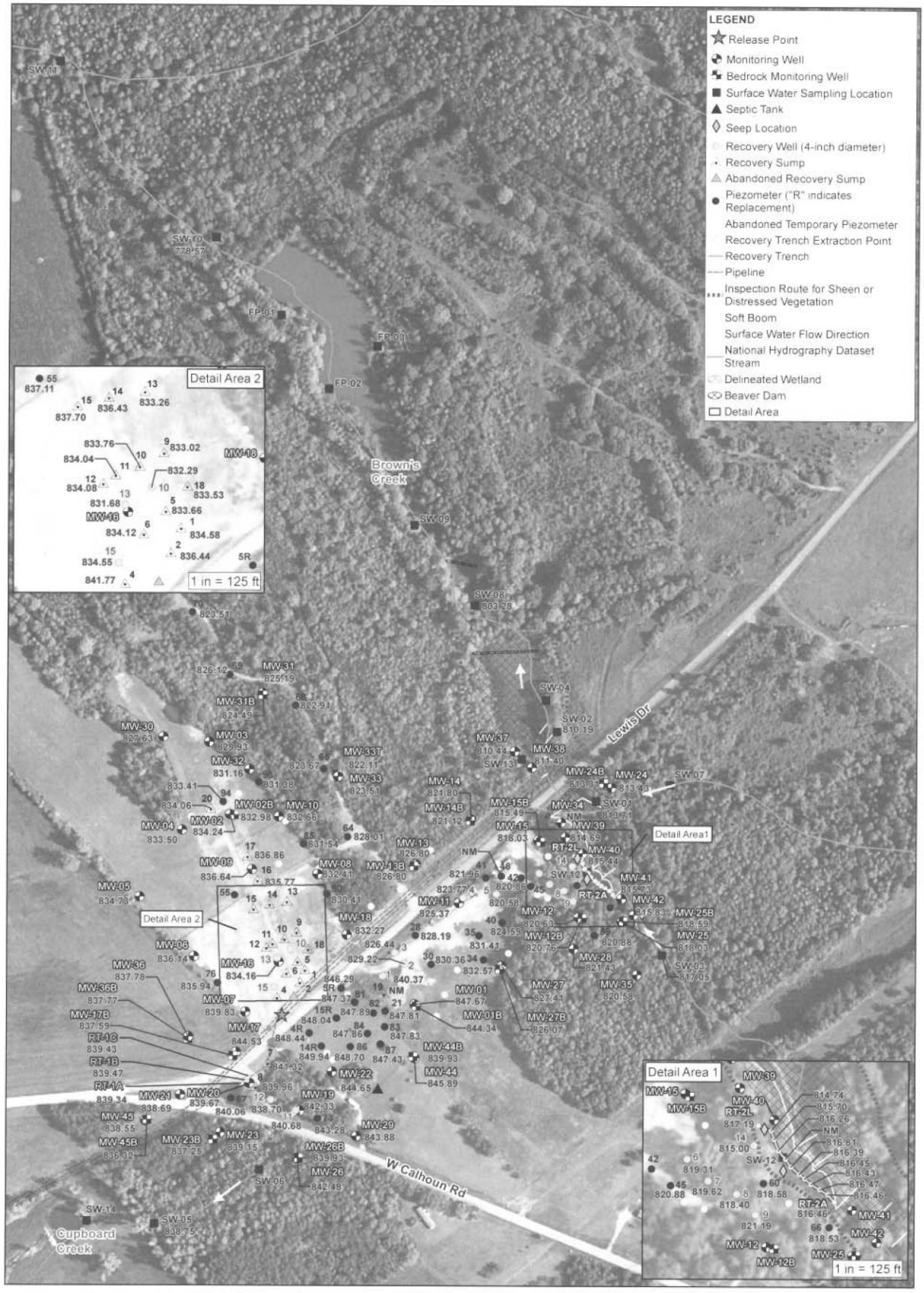
- Install well pair MW-43/-43B across Brown's Creek.
- Conduct bedrock sparging pilot study if approved by SCDHEC.
- Conduct monitoring and reporting on a monthly basis.
- Routinely gauge recovery wells, recovery sumps, and recovery trenches twice weekly for depth to groundwater and free product thickness.
- Evacuate product from product recovery sumps, trenches, and recovery wells twice weekly.
- Gauge monitoring wells and piezometers monthly for depth to groundwater and free product thickness.
- Collect liquids in an on-site fractionation tank for eventual off-site disposal.
- Continue routine visual inspections of Brown's Creek and Cupboard Creek.
- Conduct monthly surface water sampling at 16 pre-determined 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
5/31/2017	Remaining in frac tank	1,210
	Total (gallons)	**222,159**
	Total (barrels)	**5,290**

Notes:

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



821.07 Corrected Groundwater Elevation as of 5/4/2017 in feet above mean sea level

NM Not measured

Note: Surface water elevation recorded on 5/4/2017 in feet above mean sea level

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)

0 250 500
Scale in Feet

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

ch2m

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

ch2m

Table 1. Field Observation Log
Plantation Pipe Line Company
Lewis Drive Remediation, 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.)
5/4/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen coming from RT-2K @ Brown's Creek. No other sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive.
5/6/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen coming from RT-2K @ Brown's Creek. No other sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive.
5/7/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen coming from RT-2K @ Brown's Creek. No other sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive.
5/15/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen coming from RT-2K @ Brown's Creek. No other sheens, odors or distressed vegetation observed.
5/18/2017	No odors, sheens, or distressed vegetation observed.	Micro bio sheen from area of RT-2K @ Brown's Creek. No other sheens, odors or distressed vegetation observed.
5/22/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen coming from RT-2K @ Brown's Creek. No other sheens, odors, or distressed vegetation observed in wetlands upstream and downstream of culvert under Lewis Drive.
5/24/2017	No odors, sheens, or distressed vegetation observed in wetlands South of Calhoun Road.	Sheen coming from bank @ Brown's Creek near RT-2C. No other sheens, odors, or distressed vegetation observed.
5/31/2017	No odors, sheens, or distressed vegetation observed.	Sheen coming from bank @ Brown's Creek near RT-2C. No other sheens, odors, or distressed vegetation observed.

Notes:
ID = identification
RT = recovery trench

Table 2. Stream Gauge Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation, 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
ID = identification
SW = surface water

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

Location	Sample ID	Date Collected	Units	Analyte Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-RELEASE	SW-RELEASE	1/20/2015	µg/L	330	490	2,400	2,100	940	140	5.7 J
SW-01	SW01-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U[1]	1 U
	SW01-022515	2/25/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-030215	3/2/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-031115	3/11/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-031815	3/18/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-033115	3/31/2015	µg/L	5 U[1]	5 U	17.6	10 U	5 U	5 U[1]	NA
	SW01-042215	4/22/2015	µg/L	5 U[1]	5 U	14.9	10 U	5 U	5 U[1]	NA
	SW01-050715	5/7/2015	µg/L	5 U[1]	5 U	7.0	10 U	5 U	5 U[1]	NA
	SW01-051915	5/19/2015	µg/L	5 U[1]	5 U	8.8	10.6	6.4	5 U[1]	NA
	SW01-060315	6/3/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-061815	6/18/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-071515	7/15/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-081315	8/13/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-092415	9/24/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW01-112415	11/24/2015	µg/L	7.8	1.5	13.0	9.3	4.6	1 U[1]	NA
	SW01-122215	12/22/2015	µg/L	4.6	1 U	8.8	5.5	3.1	1 U[1]	NA
	SW01-012516	1/25/2016	µg/L	17.6	2.3	36.0	11.3	6.3	1 U[1]	NA
	SW01-021816	2/18/2016	µg/L	23.4	3.0	55.6	15.0	9.1	1 U[1]	NA
	SW01-031616	3/16/2016	µg/L	20.1	2.4	42.3	13.3	7.6	1 U[1]	NA
	SW01-042716	4/27/2016	µg/L	20.8	1 U	30.6	2.9	2.0	1 U[1]	NA
	SW01-050916	5/9/2016	µg/L	16.5	1.4	16.3	7.0	4.8	1 U[1]	NA
	SW01-062716	6/27/2016	µg/L	9	1 U	3.3	2 U	1 U	1 U[1]	NA
	SW01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW01-112816	11/28/2016	µg/L	5.0	1 U	10.4	4.9	8.3	1 U[1]	NA
	SW01-122916	12/29/2016	µg/L	12.6	1 U	22.1	11.2	13.5	1 U[1]	NA
	SW01-012017	1/20/2017	µg/L	1.0	1 U	2.3	2 U	3.5	1 U[1]	NA
	SW01-022817	2/28/2017	µg/L	18.5	1.93	37.0	13.8	10.2	5 U[1]	NA
	SW01-031517	3/15/2017	µg/L	3.02	1 U	5.13	2.16	1.74	5 U[1]	NA
	SW01-032117	3/21/2017	µg/L	1 U	1 U	1.57	2 U	1 U	5 U[1]	NA
	SW01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	SW01-040517	4/5/2017	µg/L	1 U	1 U	2.25	2 U	1 U	5 U[1]	NA
	SW01-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA

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

Location	Sample ID	Date Collected	Units	Analyte Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-02	SW02-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U[1]	1 U
	SW02-022515	2/25/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-030215	3/2/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-031115	3/11/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-031815	3/18/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-033115	3/31/2015	µg/L	5 U[1]	5 U	6.0	10 U	5 U	5 U[1]	NA
	SW02-042215	4/22/2015	µg/L	5 U[1]	5 U	13.0	10 U	5 U	5 U[1]	NA
	SW02-050715	5/7/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-051915	5/19/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-060315	6/3/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-061815	6/18/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-071515	7/15/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-081315	8/13/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-092415	9/24/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-112415	11/24/2015	µg/L	6	1.3	10.0	7.8	4.0	1 U[1]	NA
	SW02-122215	12/22/2015	µg/L	4.1	1 U	7.6	5.1	3.1	1 U[1]	NA
	SW02-012516	1/25/2016	µg/L	12	1.5	25.0	8.4	4.6	1 U[1]	NA
	SW02-021816	2/18/2016	µg/L	15.5	1.8	35.3	10.1	5.9	1 U[1]	NA
	SW02-031616	3/16/2016	µg/L	8	1.0	17.5	5.8	3.9	1 U[1]	NA
	SW02-042716	4/27/2016	µg/L	5.6	1 U	7.1	2 U	1 U	1 U[1]	NA
	SW02-050916	5/9/2016	µg/L	7.1	1 U	4.5	2.2	1.6	1 U[1]	NA
	SW02-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-112816	11/28/2016	µg/L	5.4	1 U	1.6	2.6	4.8	1 U[1]	NA
	SW02-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1.4	1 U[1]	NA
	SW02-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW02-022817	2/28/2017	µg/L	10.7	1 U	11.0	4.14	4.23	5 U[1]	NA
	SW02-031517	3/15/2017	µg/L	11.4	1 U	8.6	4.45	3.6	5 U[1]	NA
	SW02-032117	3/21/2017	µg/L	8.42	1 U	2.45	2.48	2.68	5 U[1]	NA
	SW02-033017	3/30/2017	µg/L	2.18	1 U	1 U	2 U	1 U	5 U[1]	NA
	SW02-040517	4/5/2017	µg/L	2.87	1 U	1.12	2 U	1.14	5 U[1]	NA
	SW02-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA

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

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

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

Location	Sample ID	Date Collected	Units	Analyte Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-04	SW-DOWNGRADIENT	1/20/2015	µg/L	95	27	310	110	63	94 U[1]	2.7
	SW04-022515	2/25/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-030215	3/2/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-031115	3/11/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-031815	3/18/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-033115	3/31/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-042215	4/22/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-050715	5/7/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-051915	5/19/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-060315	6/3/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-061815	6/18/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-071515	7/15/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-081315	8/13/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-092415	9/24/2015	µg/L	5 U[1]	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-112415	11/24/2015	µg/L	1.7	1 U	2.7	2.9	1.6	1 U[1]	NA
	SW04-122215	12/22/2015	µg/L	3.3	1 U	7.3	5.2	2.7	1 U[1]	NA
	SW04-012516	1/25/2016	µg/L	6.9	1 U	14.0	4.9	2.8	1 U[1]	NA
	SW04-021816	2/18/2016	µg/L	10.9	1.1	25.4	7.0	4.3	1 U[1]	NA
	SW04-031616	3/16/2016	µg/L	1 U	1 U	2.0	2 U	1.8	1 U[1]	NA
	SW04-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-062716	6/27/2016	µg/L	1 U	1 U	1.1	2 U	1 U	1 U[1]	NA
	SW04-072816	7/28/2016	µg/L	1 U	1 U	23.5	2 U	1 U	1 U[1]	NA
	SW04-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW04-022817	2/28/2017	µg/L	1 U	1 U	1.13	2 U	1 U	5 U[1]	NA
	SW04-031517	3/15/2017	µg/L	1 U	1 U	2.90	2 U	1 U	5 U[1]	NA
	SW04-032117	3/21/2017	µg/L	1 U	1 U	3.28	2 U	1 U	5 U[1]	NA
	SW04-033017	3/30/2017	µg/L	1 U	1 U	6.15	2 U	1 U	5 U[1]	NA
	SW04-040517	4/5/2017	µg/L	1 U	1 U	9.47	2 U	1 U	5 U[1]	NA
	SW04-050417	5/4/2017	µg/L	1 U	1 U	13.8	2 U	1 U	5 U[1]	NA

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

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

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

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

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

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

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

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

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

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

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

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

Table 3. Analytical Results for Surface Water

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

				Analyte						
Location	Sample ID	Date Collected	Units	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[1]	NA
	SW12-031517	3/15/2017	µg/L	125	15.3	185	67.9	35.5	5 U[1]	NA
	SW12-032117	3/21/2017	µg/L	134	12.1	45.0	60.8	33.6	5 U[1]	NA
	SW12-033017	3/30/2017	µg/L	48.5	5.69	86.3	27.7	15.8	5 U[1]	NA
	SW12-040517	4/5/2017	µg/L	67.1	9.24	127.0	43.6	23.7	5 U[1]	NA
	SW12-050417	5/4/2017	µg/L	52.8	7.96	91.7	42	23.2	5 U[1]	NA
SW-13	SW13-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW13-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW13-103116	10/31/2016	µg/L	1 U	1 U	2.0	2 U	1 U	1 U[1]	NA
	SW13-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW13-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW13-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	SW13-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	SW13-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	SW13-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	SW13-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	SW13-040517	4/5/2017	µg/L	1 U	1 U	1.21	2 U	1 U	5 U[1]	NA
	SW13-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
FP-01	FP01-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP01-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP01-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-01-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-01-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-01-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA

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

Location	Sample ID	Date Collected	Units	Analyte Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
FP-02	FP02-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP02-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP02-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-02-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-02-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-02-040517	4/5/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-02-050417	5/4/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
FP-03	FP03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-112816	11/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-122916	12/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-012017	1/20/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	NA
	FP03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	NA
	FP-03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U[1]	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[1]	NA
		Screening Value:	µg/L	2.2 [a]	530 [a]	1,000 [a]	190 [a,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
[1] The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit can not be determined.

Samples analyzed by EPA Methods SW 8260B
µg/L = microgram(s) per liter
FP = free product
ID = identification
MTBE = methyl tertiary butyl ether
NA = not applicable
NS = not sampled
SW = surface water
J = estimated
U = analyte was not detected above the reported sample quantitation limit
Bold indicates the analyte was detected above the method detection limit.
Gray shading indicates the analyte exceeded RBSLs.

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

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

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or 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-34	Hand Auger	MW-10994	3/16/2017	Still in use	Monitoring Well/Gauging	813.99	816.35	7.82	4	2	5.00	809.0	5.32	7.82	2.5	5.0	811.5	809.0	2.50
MW-35	CME 550 HSA	MW-10578	4/20/2016	Still in use	Monitoring Well/Gauging	826.22	829.40	28.50	8	2	26.00	800.2	12.50	27.50	10.0	25.0	816.2	801.2	15.00
MW-36	CME 550 HSA	MW-10578	4/22/2016	Still in use	Monitoring Well/Gauging	858.66	858.47	23.62	8	2	24.50	834.2	8.62	23.62	9.5	24.5	849.2	834.2	15.00
MW-36B	CME 550 HSA / Schramm	MW-10578	4/28/2016	Still in use	Monitoring Well/Gauging	858.49	858.15	47.89	10	6	54.90	803.6	36.99	46.99	44.0	54.0	814.5	804.5	10.00
MW-37	Geoprobe 8040 HSA	MW-10759	8/9/2016	Still in use	Monitoring Well/Gauging	810.93	813.92	18.11	6.25	2	16.00	794.9	7.11	17.11	5.0	15.0	805.9	795.9	10.00
MW-38	Geoprobe 8040 HSA	MW-10759	8/9/2016	Still in use	Monitoring Well/Gauging	810.49	813.28	11.44	6.25	2	9.10	801.4	6.24	11.24	3.9	8.9	806.6	801.6	5.00
MW-39	Geoprobe 8040 HSA	MW-10759	11/29/2016	Still in use	Monitoring Well/Gauging	816.92	819.90	13.03	6.25	2	11.00	805.9	7.03	12.03	5.0	10.0	811.9	806.9	5.00
MW-40	Geoprobe 8040 HSA	MW-10759	11/30/2016	Still in use	Monitoring Well/Gauging	814.75	817.79	13.15	6.25	2	11.00	803.8	7.15	12.15	5.0	10.0	809.8	804.8	5.00
MW-41	Geoprobe 8040 HSA	MW-10759	11/28/2016	Still in use	Monitoring Well/Gauging	816.67	819.68	13.19	6.25	2	11.00	805.7	7.19	12.19	5.0	10.0	811.7	806.7	5.00
MW-42	Geoprobe 8040 HSA	MW-10759	11/28/2016	Still in use	Monitoring Well/Gauging	817.31	820.33	13.37	6.25	2	11.00	806.3	7.37	12.37	5.0	10.0	812.3	807.3	5.00
MW-44	Hollow Stem Auger	MW-10964	1/23/2017	Still in use	Monitoring Well/Gauging	853.82	853.67	9.80	6.25	2	10.00	843.8	4.80	9.80	5.0	10.0	848.8	843.8	5.00
MW-44B	Hollow Stem Auger/Wire Line/Air Rotary	MW-10964	1/23/2017	Still in use	Monitoring Well/Gauging	853.66	853.38	34.95	10.25	4	37.10	816.6	13.95	34.95	16.1	37.1	837.6	816.6	21.00
MW-45	Hollow Stem Auger	MW-10964	1/26/2017	Still in use	Monitoring Well/Gauging	852.39	852.47	14.46	6.25	2	14.00	838.4	4.46	14.46	4.0	14.0	848.4	838.4	10.00
MW-45B	Hollow Stem Auger/Wire Line/Air Rotary	MW-10964	1/25/2017	Still in use	Monitoring Well/Gauging	852.69	852.85	40.50	10.25	4	40.30	812.4	19.20	40.50	19.0	40.3	833.7	812.4	21.30
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	10.25	NA	4	9.14	841.2	3.11	10.25	2.0	9.1	848.4	841.2	7.14
RS-05	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	847.14	848.31	25.20	NA	4	24.03	823.1	3.17	25.20	2.0	24.0	845.1	823.1	22.03
RS-06	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	848.25	849.47	25.18	NA	4	23.96	824.3	3.22	25.18	2.0	24.0	846.2	824.3	21.96
RS-07	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	854.06	855.08	16.65	NA	4	15.63	838.4	3.02	16.65	2.0	15.6	852.1	838.4	13.63
RS-08	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	852.59	854.00	20.22	NA	4	18.81	833.8	3.41	20.22	2.0	18.8	850.6	833.8	16.81
RS-09	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.75	847.60	18.85	NA	4	18.00	828.8	2.85	18.85	2.0	18.0	844.8	828.8	16.00
RS-10	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.28	847.42	20.06	NA	4	18.92	827.4	3.14	20.06	2.0	18.9	844.3	827.4	16.92
RS-11	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.35	847.44	22.06	NA	4	20.97	825.4	3.09	22.06	2.0	21.0	844.3	825.4	18.97
RS-12	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.58	847.74	21.29	NA	4	20.13	826.5	3.16	21.29	2.0	20.1	844.6	826.5	18.13
RS-13	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	845.51	846.61	19.92	NA	4	18.82	826.7	2.47	19.92	1.4	18.8	844.1	826.7	17.45
RS-14	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	844.66	845.97	19.93	NA	4	18.62	826.0	3.31	19.93	2.0	18.6	842.7	826.0	16.62

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open 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-15	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	845.36	846.41	19.93	NA	4	18.88	826.5	3.05	19.93	2.0	18.9	843.4	826.5	16.88
RS-16	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	844.56	845.44	19.98	NA	4	19.10	825.5	2.88	19.98	2.0	19.1	842.6	825.5	17.10
RS-17	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	843.29	844.22	19.91	NA	4	18.98	824.3	2.93	19.91	2.0	19.0	841.3	824.3	16.98
RS-18	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	846.82	847.89	19.98	NA	4	18.91	827.9	3.07	19.98	2.0	18.9	844.8	827.9	16.91
RS-19	Trackhoe	MW-09978	1/21/2015	Still in use	Gauging/LNAPL Recovery	849.27	850.40	15.10	NA	4	13.97	835.3	3.13	15.10	2.0	14.0	847.3	835.3	11.97
RS-20	Trackhoe	MW-09978	3/19/2015	Still in use	Gauging/LNAPL Recovery	841.73	842.69	11.84	NA	4	9.91	831.8	3.93	11.84	2.0	9.9	839.7	831.8	7.91
Recovery Trench Sumps																			
RT-1A	Trackhoe	MW-09978	1/6/2015	Still in use	Gauging/LNAPL Recovery	852.86	854.06	20.89	NA	4	20.00	832.9	3.20	21.20	2.0	20.0	850.9	832.9	18
RT-1B	Trackhoe	MW-09978	1/6/2015	Still in use	Gauging/LNAPL Recovery	853.29	854.15	21.10	NA	4	20.00	833.3	2.86	20.86	2.0	20.0	851.3	833.3	18
RT-1C	Trackhoe	MW-09978	1/6/2015	Still in use	Gauging/LNAPL Recovery	853.55	854.55	21.27	NA	4	20.00	833.5	3.00	21.00	2.0	20.0	851.5	833.5	18
RT-2A	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	815.66	817.48	10.81	NA	4	10.00	805.7	3.82	11.82	2.0	10.0	813.7	805.7	8
RT-2B	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	816.72	817.61	10.82	NA	4	10.00	806.7	2.89	10.89	2.0	10.0	814.7	806.7	8
RT-2C	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	816.86	818.06	10.23	NA	4	10.00	806.9	3.20	11.20	2.0	10.0	814.9	806.9	8
RT-2D	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.11	818.12	10.21	NA	4	10.00	807.1	3.01	11.01	2.0	10.0	815.1	807.1	8
RT-2E	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.32	818.25	10.24	NA	4	10.00	807.3	2.93	10.93	2.0	10.0	815.3	807.3	8
RT-2F	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.74	818.57	10.23	NA	4	10.00	807.7	2.83	10.83	2.0	10.0	815.7	807.7	8
RT-2G	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	819.27	820.07	10.24	NA	4	10.00	809.3	2.80	10.80	2.0	10.0	817.3	809.3	8
RT-2H	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	819.91	822.17	8.35	NA	4	10.00	809.9	3.90	12.25	1.7	10.0	818.3	809.9	8
RT-2I	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	819.23	819.51	10.20	NA	4	10.00	809.2	2.28	10.28	2.0	10.0	817.2	809.2	8
RT-2J	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.47	817.63	10.22	NA	4	10.00	807.5	2.16	10.16	2.0	10.0	815.5	807.5	8
RT-2K	Trackhoe	MW-09978	3/20/2015	Still in use	Gauging/LNAPL Recovery	816.11	817.40	4.14	NA	4	2.50	813.6	2.64	4.14	1.0	2.5	815.1	813.6	2
RT-2L	Trackhoe	MW-09978	3/20/2015	Still in use	Gauging/LNAPL Recovery	817.95	819.54	6.60	NA	4	3.71	814.2	3.89	6.60	1.0	3.7	816.9	814.2	3
Piezometers																			
TW-04R	DPT	MW-10006	2/4/2015	Still in use	Gauging	852.68	852.64	5.46	2.2	1	5.5	847.2	2.46	5.46	2.5	5.5	850.2	847.2	3
TW-05R	DPT	MW-10006	2/4/2015	Still in use	Gauging	849.96	849.93	8.87	2.2	1	8.8	841.2	2.87	8.87	2.8	8.9	847.2	841.1	6
TW-14R	DPT	MW-10006	2/4/2015	Still in use	Gauging	853.47	853.37	6.20	2.2	1	6.5	847.0	2.20	6.20	2.5	6.3	851.0	847.2	4
TW-15R	DPT	MW-10006	2/4/2015	Still in use	Gauging	850.70	850.62	4.85	2.2	1	5	845.7	1.85	4.85	2.0	4.9	848.7	845.8	3
TW-21	DPT	MW-09978	1/22/2015	Still in use	Gauging	849.72	849.70	9.41	2.2	1	14	835.7	-0.59	9.41	4.0	9.4	845.7	840.3	10
TW-28	DPT	MW-09978	1/23/2015	Still in use	Gauging	851.57	851.42	31.84	2.2	1	30	821.6	11.84	31.84	10.0	32.0	841.6	819.6	20
TW-30	DPT	MW-09978	1/23/2015	Still in use	Gauging	851.86	851.81	23.15	2.2	1	24	827.9	8.15	23.15	9.0	23.2	842.9	828.7	15
TW-34	DPT	MW-09978	1/24/2015	Still in use	Gauging	854.92	854.79	25.04	2.2	1	23	831.9	10.04	25.04	8.0	25.2	846.9	829.7	15
TW-35	DPT	MW-09978	1/24/2015	Still in use	Gauging	854.22	854.10	25.12	2.2	1	23	831.2	10.12	25.12	8.0	25.2	846.2	829.0	15
TW-40	DPT	MW-09978	1/24/2015	Still in use	Gauging	853.45	853.35	34.05	2.2	1	33	820.5	14.05	34.05	13.0	34.2	840.5	819.3	20
TW-41	DPT	MW-09978	1/25/2015	Still in use	Gauging	849.38	849.38	32.15	2.2	1	34	815.4	7.15	32.15	9.0	32.1	840.4	817.2	25
TW-42	DPT	MW-09978	1/25/2015	Still in use	Gauging	847.02	846.84	27.50	2.2	1	29.5	817.5	7.50	27.50	9.5	27.7	837.5	819.3	20
TW-45	DPT	MW-09978	1/25/2015	Still in use	Gauging	848.26	848.31	36.86	2.2	1	37.5	810.8	11.86	36.86	12.5	36.8	835.8	811.4	25
TW-46	DPT	MW-09978	1/26/2015	Still in use	Gauging	846.89	846.88	33.44	2.2	1	32	814.9	13.44	33.44	12.0	33.4	834.9	813.4	20
TW-55	DPT	MW-10006	2/5/2015	Still in use	Gauging	846.00	845.93	43.00	2.7	1	43	803.0	13.00	43.00	13.0	43.1	833.0	802.9	30
TW-59	DPT	MW-09978	1/30/2015	Still in use	Gauging	834.84	834.78	22.00	2.7	1	22	812.8	7.00	22.00	7.0	22.1	827.8	812.8	15
TW-60	DPT	MW-09978	1/30/2015	Still in use	Gauging	828.00	828.03	40.40	2.7	1	41.5	786.5	5.40	40.40	6.5	40.4	821.5	787.6	35
TW-64	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.89	845.88	56.43	2.2	1	55	790.9	6.43	56.43	5.0	56.4	840.9	789.5	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	29.70	2.7	1	24	796.2	9.70	29.70	4.0	29.6	816.2	790.6	20
TW-67	DPT	MW-09978	2/3/2015	Still in use	Gauging	852.88	852.71	26.31	2.7	1	27	825.9	6.31	26.31	7.0	26.5	845.9	826.4	20
TW-68	DPT	MW-09978	2/3/2015	Still in use	Gauging	846.59	846.45	29.96	2.2	1	27	819.6	9.96	29.96	7.0	30.1	839.6	816.5	20
TW-69	DPT	MW-09978	2/3/2015	Still in use	Gauging	840.38	840.27	51.91	2.2	1	50	790.4	11.91	51.91	10.0	52.0	830.4	788.4	40
TW-70	DPT	MW-09978	2/3/2015	Still in use	Gauging	842.07	841.95	45.05	2.2	1	43	799.1	10.05	45.05	8.0	45.2	834.1	796.9	35
TW-73	DPT	MW-09978	2/3/2015	Still in use	Gauging	850.60	850.53	16.00	2.7	1	16	834.6	6.00	16.00	6.0	16.1	844.6	834.5	10

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open 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-76	DPT	MW-10006	2/4/2015	Still in use	Gauging	852.53	852.44	43.62	2.7	1	43	809.5	8.62	43.62	8.0	43.7	844.5	808.8	35
TW-81	DPT	MW-10006	2/5/2015	Still in use	Gauging	849.48	849.43	7.00	2.2	1	7	842.5	2.00	7.00	2.0	7.0	847.5	842.4	5
TW-82	DPT	MW-10006	2/5/2015	Still in use	Gauging	849.83	849.64	10.00	2.2	1	10	839.8	2.00	10.00	2.0	10.2	847.8	839.6	8
TW-83	DPT	MW-10006	2/5/2015	Still in use	Gauging	850.54	850.44	17.00	2.2	1	17	833.5	2.00	17.00	2.0	17.1	848.5	833.4	15
TW-84	DPT	MW-10006	2/5/2015	Still in use	Gauging	851.38	851.22	13.50	2.2	1	13.5	837.9	3.50	13.50	3.5	13.7	847.9	837.7	10
TW-85	DPT	MW-10006	2/5/2015	Still in use	Gauging	843.64	843.49	39.00	2.7	1	39	804.6	9.00	39.00	9.0	39.2	834.6	804.5	30
TW-86	DPT	MW-10006	2/5/2015	Still in use	Gauging	853.28	853.10	6.00	2.2	1	6	847.3	2.00	6.00	2.0	6.2	851.3	847.1	4
TW-87	DPT	MW-10006	2/5/2015	Still in use	Gauging	852.33	852.25	7.00	2.2	1	7	845.3	2.00	7.00	2.0	7.1	850.3	845.3	5
TW-90	DPT	MW-10006	2/6/2015	Still in use	Gauging	845.48	845.43	46.50	2.7	1	46.5	799.0	6.50	46.50	6.5	46.6	839.0	798.9	40
TW-94	DPT	MW-10006	2/10/2015	Still in use	Gauging	840.75	840.58	40.00	2.7	1	40	800.8	5.00	40.00	5.0	40.2	835.8	800.6	35
TW-96	DPT	MW-10006	2/11/2015	Still in use	Gauging	840.52	840.40	30.00	2.7	1	30	810.5	5.00	30.00	5.0	30.1	835.5	810.4	25
Vertical Air Sparging Wells																			
VAS-01	Mobile B57 HSA	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

Table 4. Well Construction Information
Plantation Pipe Line Company
Lewis Drive Remediation, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open Borehole Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
VAS-35	Mobile B57 HSA	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
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, 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			-	-	-
	5/4/2017	-	5.40	-		847.67	-	-	-	-
MW-01B					852.99			-	-	-
	5/4/2017	-	8.65	-		844.34	-	-	-	-
MW-02					841.04			-	-	-
	5/4/2017	-	6.80	-		834.24	-	-	-	-
MW-02B					841.18			-	-	-
	5/4/2017	-	8.20	-		832.98	-	-	-	-
MW-03					838.36			-	-	-
	5/4/2017	-	8.43	-		829.93	-	-	-	-
MW-04					844.42			-	-	-
	5/4/2017	-	10.92	-		833.50	-	-	-	-
MW-05					851.11			-	-	-
	5/4/2017	-	16.38	-		834.73	-	-	-	-
	5/3/2017	-	16.68	-		834.43	-	-	-	-
MW-06					852.92			-	-	-
	5/4/2017	-	16.78	-		836.14	-	-	-	-
MW-07					853.02			-	-	-
	5/4/2017	-	13.19	-		839.83	-	-	-	-
MW-08					844.72			-	-	-
	5/4/2017	-	12.31	-		832.41	-	-	-	-
MW-09					843.63			-	-	-
	5/4/2017	-	6.99	-		836.64	-	-	-	-
MW-10					845.41			-	-	-
	5/4/2017	-	12.75	-		832.66	-	-	-	-
	5/3/2017	-	12.83	-		832.58	-	-	-	-
MW-11					855.63			-	-	-
	5/4/2017	30.15	30.57	0.42		825.06	825.37	-	-	-
MW-12					834.53			-	-	-
	5/4/2017	13.90	13.91	0.01		820.62	820.63	-	-	-
MW-12B					834.98			-	-	-
	5/4/2017	-	14.22	-		820.76	-	-	-	-
MW-13					848.84			-	-	-
	5/4/2017	-	22.04	-		826.80	-	-	-	-
MW-13B					849.82			-	-	-
	5/4/2017	-	23.02	-		826.80	-	-	-	-
MW-14					838.70			-	-	-
	5/4/2017	-	16.90	-		821.80	-	-	-	-
MW-14B					840.20			-	-	-
	5/4/2017	-	19.08	-		821.12	-	-	-	-
MW-15					831.03			-	-	-
	5/4/2017	-	13.00	-		818.03	-	-	-	-
MW-15B					831.29			-	-	-
	5/4/2017	-	15.80	-		815.49	-	-	-	-
MW-16					847.67			-	-	-
	5/4/2017	13.02	14.82	1.80		832.85	834.16	-	-	-
MW-17					855.35			-	-	-
	5/4/2017	-	10.82	-		844.53	-	-	-	-
MW-17B					855.37			-	-	-
	5/4/2017	-	17.78	-		837.59	-	-	-	-
MW-18					846.89			-	-	-
	5/4/2017	13.84	16.70	2.86		830.19	832.27	-	-	-
MW-19					853.94			-	-	-
	5/4/2017	-	11.61	-		842.33	-	-	-	-
MW-20					852.89			-	-	-
	5/4/2017	12.93	14.00	1.07		838.89	839.67	-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-21					855.77			-	-	-
	5/4/2017	-	17.08	-		838.69	-	-	-	-
MW-22					854.60			-	-	-
	5/4/2017	-	9.95	-		844.65	-	-	-	-
	5/3/2017	-	9.93	-		844.67	-	-	-	-
MW-23					849.57			-	-	-
	5/4/2017	-	10.42	-		839.15	-	-	-	-
MW-23B					849.69			-	-	-
	5/4/2017	-	12.44	-		837.25	-	-	-	-
MW-24					817.92			-	-	-
	5/4/2017	-	4.49	-		813.43	-	-	-	-
MW-24B					818.72			-	-	-
	5/4/2017	-	5.41	-		813.31	-	-	-	-
MW-25					826.18			-	-	-
	5/4/2017	-	8.15	-		818.03	-	-	-	-
	5/3/2017	-	8.21	-		817.97	-	-	-	-
MW-25B					823.81			-	-	-
	5/4/2017	-	5.22	-		818.59	-	-	-	-
MW-26					847.56			-	-	-
	5/4/2017	-	5.08	-		842.48	-	-	-	-
	5/3/2017	-	5.20	-		842.36	-	-	-	-
MW-26B					847.81			-	-	-
	5/4/2017	-	7.88	-		839.93	-	-	-	-
MW-27					854.11			-	-	-
	5/4/2017	-	26.70	-		827.41	-	-	-	-
MW-27B					857.14			-	-	-
	5/4/2017	-	31.07	-		826.07	-	-	-	-
MW-28					844.31			-	-	-
	5/4/2017	-	22.88	-		821.43	-	-	-	-
	5/3/2017	-	22.86	-		821.45	-	-	-	-
MW-29					852.20			-	-	-
	5/4/2017	-	8.32	-		843.88	-	-	-	-
	5/3/2017	-	8.39	-		843.81	-	-	-	-
MW-30					841.28			-	-	-
	5/4/2017	-	13.65	-		827.63	-	-	-	-
	5/3/2017	-	13.66	-		827.62	-	-	-	-
MW-31					845.04			-	-	-
	5/4/2017	-	19.85	-		825.19	-	-	-	-
	5/3/2017	-	19.99	-		825.05	-	-	-	-
MW-31B					844.94			-	-	-
	5/4/2017	-	20.45	-		824.49	-	-	-	-
MW-32					842.93			-	-	-
	5/4/2017	-	11.77	-		831.16	-	-	-	-
MW-33					849.20			-	-	-
	5/4/2017	-	25.69	-		823.51	-	-	-	-
MW-33T					849.11			-	-	-
	5/4/2017	-	27.00	-		822.11	-	-	-	-
MW-34					816.35			-	-	-
	5/4/2017	-	NM	-		-	-	-	-	-
	5/3/2017	-	2.55	-		813.80	-	-	-	-
MW-35					829.40			-	-	-
	5/4/2017	-	8.82	-		820.58	-	-	-	-
	5/3/2017	-	9.08	-		820.32	-	-	-	-
MW-36					858.47			-	-	-
	5/4/2017	-	20.69	-		837.78	-	-	-	-
MW-36B					858.15			-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-36B (cont'd)	5/4/2017	-	20.38	-		837.77	-	-	-	-
MW-37					813.92			-	-	-
	5/4/2017	-	3.48	-		810.44	-	-	-	-
MW-38					813.28			-	-	-
	5/4/2017	-	1.88	-		811.40	-	-	-	-
	5/3/2017	-	1.89	-		811.39	-	-	-	-
MW-39					819.90			-	-	-
	5/4/2017	-	5.21	-		814.69	-	-	-	-
MW-40					817.79			-	-	-
	5/4/2017	-	2.35	-		815.44	-	-	-	-
MW-41					819.68			-	-	-
	5/4/2017	-	3.95	-		815.73	-	-	-	-
MW-42					820.33			-	-	-
	5/4/2017	-	4.50	-		815.83	-	-	-	-
MW-44					853.67			-	-	-
	5/4/2017	-	7.78	-		845.89	-	-	-	-
MW-44B					853.38			-	-	-
	5/4/2017	-	13.45	-		839.93	-	-	-	-
MW-45					852.47			-	-	-
	5/4/2017	-	13.92	-		838.55	-	-	-	-
	5/3/2017	-	14.00	-		838.47	-	-	-	-
MW-45B					852.85			-	-	-
	5/4/2017	-	16.53	-		836.32	-	-	-	-
RS-01					849.13			-	-	-
	5/31/2017	10.69	11.05	0.36		838.08	838.34	5/31/2017	14:51	14:59
	5/24/2017	11.25	11.53	0.28		837.60	837.80	-	-	-
	5/22/2017	12.62	12.92	0.30		836.21	836.43	-	-	-
	5/18/2017	12.24	12.40	0.16		836.73	836.85	-	-	-
	5/15/2017	12.39	12.75	0.36		836.38	836.64	5/16/2017	13:32	13:40
	5/11/2017	13.07	13.24	0.17		835.89	836.01	-	-	-
	5/7/2017	14.34	15.09	0.75		834.04	834.59	5/9/2017	8:52	9:17
	5/4/2017	14.40	14.95	0.55		834.18	834.58	-	-	-
RS-02					849.52			-	-	-
	5/31/2017	9.87	10.25	0.38		839.27	839.55	5/31/2017	14:41	14:48
	5/24/2017	10.31	10.57	0.26		838.95	839.14	-	-	-
	5/22/2017	11.87	12.13	0.26		837.39	837.58	-	-	-
	5/18/2017	11.77	12.05	0.28		837.47	837.67	-	-	-
	5/15/2017	11.86	12.12	0.26		837.40	837.59	-	-	-
	5/11/2017	12.10	12.27	0.17		837.25	837.37	-	-	-
	5/7/2017	13.11	13.33	0.22		836.19	836.35	-	-	-
	5/4/2017	13.02	13.25	0.23		836.27	836.44	-	-	-
RS-04					851.47			-	-	-
	5/31/2017	-	9.67	-		841.80	-	-	-	-
	5/24/2017	-	9.30	-		842.17	-	-	-	-
	5/22/2017	-	8.80	-		842.67	-	-	-	-
	5/18/2017	-	9.68	-		841.79	-	-	-	-
	5/15/2017	-	9.69	-		841.78	-	-	-	-
	5/11/2017	9.68	NO WATER	0.57		-	-	-	-	-
	5/7/2017	-	9.72	-		841.75	-	-	-	-
	5/4/2017	-	9.70	-		841.77	-	-	-	-
RS-05					848.31			-	-	-
	5/31/2017	11.65	12.14	0.49		836.17	836.53	5/31/2017	14:31	14:39
	5/24/2017	10.41	10.75	0.34		837.56	837.81	-	-	-
	5/22/2017	11.80	12.18	0.38		836.13	836.41	-	-	-
	5/18/2017	11.33	11.61	0.28		836.70	836.90	-	-	-
	5/15/2017	11.66	12.12	0.46		836.19	836.53	5/16/2017	13:07	13:17

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-05 (cont'd)	5/11/2017	11.37	11.67	0.30		836.64	836.86	-	-	-
	5/7/2017	14.13	15.83	1.70		832.48	833.72	5/9/2017	9:21	9:37
	5/4/2017	14.22	15.80	1.58		832.51	833.66	-	-	-
RS-06					849.47			-	-	-
	5/31/2017	12.05	12.31	0.26		837.16	837.35	-	-	-
	5/24/2017	11.78	11.94	0.16		837.53	837.65	-	-	-
	5/22/2017	12.50	12.71	0.21		836.76	836.91	-	-	-
	5/18/2017	12.58	12.77	0.19		836.70	836.84	-	-	-
	5/15/2017	12.70	15.10	2.40		834.37	836.12	5/16/2017	13:20	13:29
	5/11/2017	12.34	12.49	0.15		836.98	837.09	-	-	-
	5/7/2017	14.88	15.38	0.50		834.09	834.46	5/9/2017	9:41	9:55
	5/4/2017	-	15.35	-		834.12	-	-	-	-
RS-07					855.08			-	-	-
	5/31/2017	-	13.00	-		842.08	-	-	-	-
	5/24/2017	-	13.16	-		841.92	-	-	-	-
	5/22/2017	13.31	13.32	0.01		841.76	841.77	-	-	-
	5/18/2017	13.52	13.56	0.04		841.52	841.55	-	-	-
	5/15/2017	13.50	13.56	0.06		841.52	841.57	-	-	-
	5/11/2017	-	13.49	-		841.59	-	-	-	-
	5/7/2017	13.61	13.62	0.01		841.46	841.47	-	-	-
	5/4/2017	13.76	13.78	0.02		841.30	841.32	-	-	-
RS-08					854.00			-	-	-
	5/31/2017	13.29	13.57	0.28		840.43	840.63	-	-	-
	5/24/2017	13.59	13.78	0.19		840.22	840.36	-	-	-
	5/22/2017	13.89	14.10	0.21		839.90	840.05	-	-	-
	5/18/2017	13.99	14.19	0.20		839.81	839.96	-	-	-
	5/15/2017	13.90	14.19	0.29		839.81	840.02	5/16/2017	12:42	12:51
	5/11/2017	13.96	14.20	0.24		839.80	839.98	-	-	-
	5/7/2017	14.01	14.20	0.19		839.80	839.94	-	-	-
	5/4/2017	13.97	14.24	0.27		839.76	839.96	-	-	-
RS-09					847.60			-	-	-
	5/31/2017	9.38	9.67	0.29		837.93	838.14	-	-	-
	5/24/2017	9.15	9.30	0.15		838.30	838.41	-	-	-
	5/22/2017	9.90	10.15	0.25		837.45	837.63	-	-	-
	5/18/2017	9.98	10.18	0.20		837.42	837.57	-	-	-
	5/15/2017	10.12	10.34	0.22		837.26	837.42	-	-	-
	5/11/2017	10.86	11.10	0.24		836.50	836.68	-	-	-
	5/7/2017	14.36	14.82	0.46		832.78	833.12	-	-	-
	5/4/2017	14.48	14.86	0.38		832.74	833.02	-	-	-
RS-10					847.42			-	-	-
	5/31/2017	11.25	11.73	0.48		835.69	836.04	5/31/2017	14:09	14:17
	5/24/2017	8.02	8.03	0.01		839.39	839.40	-	-	-
	5/22/2017	9.41	9.42	0.01		838.00	838.01	-	-	-
	5/18/2017	9.46	9.92	0.46		837.50	837.84	-	-	-
	5/15/2017	9.97	10.41	0.44		837.01	837.33	-	-	-
	5/11/2017	9.19	9.62	0.43		837.80	838.11	-	-	-
	5/7/2017	13.46	13.91	0.45		833.51	833.84	-	-	-
	5/4/2017	13.57	13.90	0.33		833.52	833.76	-	-	-
RS-11					847.44			-	-	-
	5/31/2017	12.72	12.73	0.01		834.71	834.72	-	-	-
	5/24/2017	8.31	8.33	0.02		839.11	839.12	-	-	-
	5/22/2017	9.60	9.63	0.03		837.81	837.83	-	-	-
	5/18/2017	9.76	9.79	0.03		837.65	837.67	-	-	-
	5/15/2017	10.27	10.33	0.06		837.11	837.15	-	-	-
	5/11/2017	8.93	9.97	1.04		837.47	838.23	5/14/2017	11:31	11:42
	5/7/2017	13.20	13.63	0.43		833.81	834.12	-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-11 (cont'd)	5/4/2017	13.30	13.67	0.37		833.77	834.04	-	-	-
RS-12					847.74			-	-	-
	5/31/2017	13.03	13.10	0.07		834.64	834.69	-	-	-
	5/24/2017	8.62	8.73	0.11		839.01	839.09	-	-	-
	5/22/2017	9.91	9.95	0.04		837.79	837.82	-	-	-
	5/18/2017	10.02	10.31	0.29		837.43	837.64	-	-	-
	5/15/2017	10.62	10.69	0.07		837.05	837.10	-	-	-
	5/11/2017	9.16	9.93	0.77		837.81	838.37	5/14/2017	11:45	11:54
	5/7/2017	13.49	13.93	0.44		833.81	834.13	-	-	-
	5/4/2017	13.57	13.92	0.35		833.82	834.08	-	-	-
RS-13					846.61			-	-	-
	5/31/2017	-	5.75	-		840.86	-	-	-	-
	5/24/2017	-	2.75	-		843.86	-	-	-	-
	5/22/2017	-	3.85	-		842.76	-	-	-	-
	5/18/2017	-	5.45	-		841.16	-	-	-	-
	5/15/2017	-	5.67	-		840.94	-	-	-	-
	5/11/2017	-	7.01	-		839.60	-	-	-	-
	5/7/2017	-	13.53	-		833.08	-	-	-	-
	5/4/2017	-	13.35	-		833.26	-	-	-	-
RS-14					845.97			-	-	-
	5/31/2017	4.55	4.65	0.10		841.32	841.39	-	-	-
	5/24/2017	3.17	3.26	0.09		842.71	842.78	-	-	-
	5/22/2017	3.97	4.04	0.07		841.93	841.98	-	-	-
	5/18/2017	6.08	6.14	0.06		839.83	839.87	-	-	-
	5/15/2017	6.26	6.35	0.09		839.62	839.69	-	-	-
	5/11/2017	8.13	8.21	0.08		837.76	837.82	-	-	-
	5/7/2017	9.60	9.74	0.14		836.23	836.33	-	-	-
	5/4/2017	9.41	9.88	0.47		836.09	836.43	-	-	-
RS-15					846.41			-	-	-
	5/31/2017	5.08	5.10	0.02		841.31	841.32	-	-	-
	5/24/2017	3.89	3.91	0.02		842.50	842.51	-	-	-
	5/22/2017	4.90	4.94	0.04		841.47	841.50	-	-	-
	5/18/2017	-	7.01	-		839.40	-	-	-	-
	5/15/2017	7.20	7.21	0.01		839.20	839.21	-	-	-
	5/11/2017	8.00	8.01	0.01		838.40	838.41	-	-	-
	5/7/2017	9.07	9.10	0.03		837.31	837.33	-	-	-
	5/4/2017	8.70	8.75	0.05		837.66	837.70	-	-	-
RS-16					845.44			-	-	-
	5/31/2017	-	3.80	-		841.64	-	-	-	-
	5/24/2017	-	2.27	-		843.17	-	-	-	-
	5/22/2017	-	3.03	-		842.41	-	-	-	-
	5/18/2017	-	4.84	-		840.60	-	-	-	-
	5/15/2017	-	4.98	-		840.46	-	-	-	-
	5/11/2017	-	5.71	-		839.73	-	-	-	-
	5/7/2017	-	9.74	-		835.70	-	-	-	-
	5/4/2017	-	9.67	-		835.77	-	-	-	-
RS-17					844.22			-	-	-
	5/31/2017	-	3.25	-		840.97	-	-	-	-
	5/24/2017	-	1.30	-		842.92	-	-	-	-
	5/22/2017	-	2.05	-		842.17	-	-	-	-
	5/18/2017	-	4.35	-		839.87	-	-	-	-
	5/15/2017	-	5.02	-		839.20	-	-	-	-
	5/11/2017	-	5.85	-		838.37	-	-	-	-
	5/7/2017	-	6.43	-		837.79	-	-	-	-
	5/4/2017	-	7.36	-		836.86	-	-	-	-
RS-18					847.89			-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[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)	5/31/2017	9.95	10.40	0.45		837.49	837.82	5/31/2017	14:21	14:29
	5/24/2017	9.48	9.87	0.39		838.02	838.30	-	-	-
	5/22/2017	9.27	9.65	0.38		838.24	838.52	-	-	-
	5/18/2017	10.56	11.01	0.45		836.88	837.21	-	-	-
	5/15/2017	10.95	11.15	0.20		836.74	836.89	-	-	-
	5/11/2017	11.23	11.65	0.42		836.24	836.55	-	-	-
	5/7/2017	14.19	14.67	0.48		833.22	833.57	-	-	-
	5/4/2017	14.25	14.65	0.40		833.24	833.53	-	-	-
RS-19					850.40			-	-	-
	5/31/2017	-	NM	-		-	-	-	-	-
	5/24/2017	-	NM	-		-	-	-	-	-
	5/22/2017	-	NM	-		-	-	-	-	-
	5/18/2017	-	NM	-		-	-	-	-	-
	5/15/2017	-	NM	-		-	-	-	-	-
	5/11/2017	-	NM	-		-	-	-	-	-
	5/7/2017	-	NM	-		-	-	-	-	-
	5/4/2017	-	NM	-		-	-	-	-	-
RS-20					842.69			-	-	-
	5/31/2017	-	4.40	-		838.29	-	-	-	-
	5/24/2017	-	2.08	-		840.61	-	-	-	-
	5/22/2017	-	3.25	-		839.44	-	-	-	-
	5/18/2017	-	3.93	-		838.76	-	-	-	-
	5/15/2017	-	4.12	-		838.57	-	-	-	-
	5/11/2017	-	12.40	-		830.29	-	-	-	-
	5/7/2017	-	8.93	-		833.76	-	-	-	-
	5/4/2017	-	8.63	-		834.06	-	-	-	-
RT-1A					854.06			-	-	-
	5/31/2017	14.03	14.15	0.12		839.91	840.00	5/31/2017	13:31	13:37
	5/24/2017	14.17	14.27	0.10		839.79	839.86	5/26/2017	15:17	15:24
	5/22/2017	14.40	14.45	0.05		839.61	839.65	-	-	-
	5/18/2017	14.55	14.61	0.06		839.45	839.49	5/19/2017	13:22	13:27
	5/15/2017	14.56	14.61	0.05		839.45	839.49	5/16/2017	12:17	12:24
	5/11/2017	14.50	14.54	0.04		839.52	839.55	5/14/2017	12:15	12:25
	5/7/2017	14.60	14.67	0.07		839.39	839.44	5/9/2017	10:43	10:49
	5/4/2017	14.69	14.80	0.11		839.26	839.34	5/5/2017	9:43	9:49
RT-1B					854.15			-	-	-
	5/31/2017	13.98	14.12	0.14		840.03	840.13	5/31/2017	13:37	13:43
	5/24/2017	14.12	14.22	0.10		839.93	840.00	5/26/2017	15:24	15:31
	5/22/2017	14.35	14.40	0.05		839.75	839.79	-	-	-
	5/18/2017	14.51	14.56	0.05		839.59	839.63	5/19/2017	13:27	13:32
	5/15/2017	14.49	14.65	0.16		839.50	839.62	5/16/2017	12:24	12:31
	5/11/2017	14.46	14.49	0.03		839.66	839.68	5/14/2017	12:25	12:35
	5/7/2017	14.56	14.62	0.06		839.53	839.57	5/9/2017	10:49	10:55
	5/4/2017	14.65	14.76	0.11		839.39	839.47	5/5/2017	9:50	9:56
RT-1C					854.55			-	-	-
	5/31/2017	14.42	14.55	0.13		840.00	840.09	5/31/2017	13:43	13:50
	5/24/2017	14.57	14.65	0.08		839.90	839.96	5/26/2017	15:31	15:39
	5/22/2017	14.80	14.85	0.05		839.70	839.74	-	-	-
	5/18/2017	14.95	14.99	0.04		839.56	839.59	5/19/2017	13:32	13:37
	5/15/2017	14.95	15.01	0.06		839.54	839.58	5/16/2017	12:31	12:38
	5/11/2017	14.89	14.94	0.05		839.61	839.65	5/14/2017	12:35	12:45
	5/7/2017	14.99	15.05	0.06		839.50	839.54	5/9/2017	10:55	11:01
	5/4/2017	15.10	15.16	0.06		839.39	839.43	5/5/2017	9:57	10:02
RT-2A					817.48			-	-	-
	5/31/2017	-	0.70	-		816.78	-	-	-	-
	5/24/2017	-	0.70	-		816.78	-	5/26/2017	14:44	14:51

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2A (cont'd)	5/22/2017	-	0.68	-		816.80	-	5/22/2017	11:01	11:06
	5/18/2017	-	1.12	-		816.36	-	5/19/2017	11:17	11:21
	5/15/2017	-	1.20	-		816.28	-	5/16/2017	10:40	10:44
	5/11/2017	-	1.13	-		816.35	-	-	-	-
	5/7/2017	-	0.73	-		816.75	-	5/9/2017	11:40	11:45
	5/4/2017	1.02	1.03	0.01		816.45	816.46	5/5/2017	12:42	12:47
RT-2B					817.61			-	-	-
	5/31/2017	-	0.90	-		816.71	-	5/31/2017	11:22	11:26
	5/24/2017	-	0.78	-		816.83	-	5/26/2017	14:32	14:40
	5/22/2017	-	0.85	-		816.76	-	5/22/2017	10:51	10:55
	5/18/2017	-	1.22	-		816.39	-	5/19/2017	11:10	11:15
	5/15/2017	-	1.31	-		816.30	-	5/16/2017	10:32	10:36
	5/11/2017	-	1.23	-		816.38	-	5/14/2017	9:37	9:42
	5/7/2017	-	0.92	-		816.69	-	5/9/2017	11:50	11:54
	5/4/2017	1.15	1.16	0.01		816.45	816.46	5/5/2017	12:36	12:41
RT-2C					818.06			-	-	-
	5/31/2017	-	1.49	-		816.57	-	5/31/2017	11:15	11:20
	5/24/2017	-	1.30	-		816.76	-	5/26/2017	14:15	14:21
	5/22/2017	-	1.30	-		816.76	-	5/22/2017	10:43	10:47
	5/18/2017	-	1.66	-		816.40	-	5/19/2017	11:03	11:07
	5/15/2017	-	1.78	-		816.28	-	5/16/2017	10:26	10:30
	5/11/2017	-	1.66	-		816.40	-	5/14/2017	9:23	9:31
	5/7/2017	-	1.38	-		816.68	-	5/9/2017	11:59	12:04
	5/4/2017	1.59	1.60	0.01		816.46	816.47	5/5/2017	12:30	12:34
RT-2D					818.12			-	-	-
	5/31/2017	-	1.60	-		816.52	-	5/31/2017	11:05	11:10
	5/24/2017	-	1.38	-		816.74	-	5/26/2017	14:01	14:10
	5/22/2017	-	1.38	-		816.74	-	5/22/2017	10:37	10:41
	5/18/2017	-	1.75	-		816.37	-	5/19/2017	10:57	10:59
	5/15/2017	-	1.89	-		816.23	-	5/16/2017	10:21	10:24
	5/11/2017	-	1.76	-		816.36	-	5/14/2017	9:11	9:17
	5/7/2017	-	1.44	-		816.68	-	5/9/2017	12:16	12:20
	5/4/2017	-	1.69	-		816.43	-	5/5/2017	12:23	12:27
RT-2E					818.25			-	-	-
	5/31/2017	-	1.96	-		816.29	-	-	-	-
	5/24/2017	-	1.48	-		816.77	-	5/26/2017	13:43	13:50
	5/22/2017	-	1.53	-		816.72	-	5/22/2017	10:32	10:35
	5/18/2017	-	1.85	-		816.40	-	5/19/2017	10:51	10:54
	5/15/2017	-	1.96	-		816.29	-	5/16/2017	10:14	10:18
	5/11/2017	-	1.87	-		816.38	-	5/14/2017	9:01	9:07
	5/7/2017	-	1.56	-		816.69	-	5/9/2017	12:23	12:27
	5/4/2017	-	1.80	-		816.45	-	5/5/2017	12:16	12:21
RT-2F					818.57			-	-	-
	5/31/2017	-	2.06	-		816.51	-	5/31/2017	10:56	11:01
	5/24/2017	-	1.85	-		816.72	-	5/26/2017	13:32	13:38
	5/22/2017	-	1.84	-		816.73	-	5/22/2017	10:26	10:30
	5/18/2017	-	2.19	-		816.38	-	5/19/2017	10:39	10:43
	5/15/2017	-	2.29	-		816.28	-	5/16/2017	10:09	10:13
	5/11/2017	-	2.22	-		816.35	-	5/14/2017	8:50	8:56
	5/7/2017	-	1.92	-		816.65	-	5/9/2017	12:31	12:34
	5/4/2017	-	2.18	-		816.39	-	5/5/2017	12:10	12:14
RT-2G					820.07			-	-	-
	5/31/2017	-	2.41	-		817.66	-	5/31/2017	10:51	10:54
	5/24/2017	-	2.90	-		817.17	-	5/26/2017	11:30	11:37
	5/22/2017	-	2.76	-		817.31	-	5/22/2017	10:17	10:21
	5/18/2017	-	3.17	-		816.90	-	5/19/2017	10:34	10:38

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2G (cont'd)	5/15/2017	-	2.99	-		817.08	-	5/16/2017	10:03	10:07
	5/11/2017	-	3.04	-		817.03	-	5/14/2017	8:40	8:47
	5/7/2017	-	4.08	-		815.99	-	5/9/2017	12:37	12:41
	5/4/2017	-	3.26	-		816.81	-	5/5/2017	12:01	12:06
RT-2H					822.17			-	-	-
	5/31/2017	-	NM	-		-	-	-	-	-
	5/24/2017	-	NM	-		-	-	-	-	-
	5/22/2017	-	NM	-		-	-	-	-	-
	5/18/2017	-	NM	-		-	-	-	-	-
	5/15/2017	-	NM	-		-	-	-	-	-
	5/11/2017	-	NM	-		-	-	-	-	-
	5/7/2017	-	NM	-		-	-	-	-	-
	5/4/2017	-	NM	-		-	-	-	-	-
RT-2I					819.51			-	-	-
	5/31/2017	-	2.45	-		817.06	-	5/31/2017	10:17	10:22
	5/24/2017	-	2.66	-		816.85	-	5/26/2017	12:06	12:12
	5/22/2017	-	2.66	-		816.85	-	5/22/2017	11:12	11:16
	5/18/2017	-	3.18	-		816.33	-	5/19/2017	11:51	11:55
	5/15/2017	-	3.24	-		816.27	-	5/16/2017	10:51	10:54
	5/11/2017	-	3.16	-		816.35	-	5/14/2017	9:51	9:57
	5/7/2017	-	2.91	-		816.60	-	5/9/2017	12:51	12:55
	5/4/2017	3.25	3.26	0.01		816.25	816.26	5/5/2017	12:49	12:52
RT-2J					817.63			-	-	-
	5/31/2017	0.98	1.00	0.02		816.63	816.64	5/31/2017	10:24	10:28
	5/24/2017	-	1.27	-		816.36	-	5/26/2017	12:21	12:27
	5/22/2017	1.31	1.32	0.01		816.31	816.32	5/22/2017	11:18	11:21
	5/18/2017	1.80	1.81	0.01		815.82	815.83	5/19/2017	12:02	12:07
	5/15/2017	1.76	1.78	0.02		815.85	815.86	5/16/2017	10:56	11:01
	5/11/2017	1.72	1.78	0.06		815.85	815.89	5/14/2017	10:03	10:10
	5/7/2017	-	1.35	-		816.28	-	5/9/2017	13:01	13:06
	5/4/2017	1.93	1.94	0.01		815.69	815.70	5/5/2017	13:01	13:07
RT-2K					817.40			-	-	-
	5/31/2017	0.95	0.97	0.02		816.43	816.44	5/31/2017	10:31	10:35
	5/24/2017	0.99	1.00	0.01		816.40	816.41	5/26/2017	12:33	12:40
	5/22/2017	1.45	1.47	0.02		815.93	815.94	5/22/2017	11:25	11:29
	5/18/2017	-	2.45	-		814.95	-	5/19/2017	12:15	12:20
	5/15/2017	2.80	2.81	0.01		814.59	814.60	5/16/2017	11:03	11:07
	5/11/2017	-	2.34	-		815.06	-	5/14/2017	10:15	10:21
	5/7/2017	-	2.53	-		814.87	-	5/9/2017	13:08	13:13
	5/4/2017	-	2.66	-		814.74	-	5/5/2017	13:10	13:14
RT-2L					819.54			-	-	-
	5/31/2017	-	2.20	-		817.34	-	5/31/2017	10:38	10:41
	5/24/2017	-	1.92	-		817.62	-	5/26/2017	13:07	13:14
	5/22/2017	-	2.08	-		817.46	-	5/22/2017	11:32	11:36
	5/18/2017	-	2.38	-		817.16	-	5/19/2017	12:35	12:40
	5/15/2017	-	3.24	-		816.30	-	5/16/2017	11:10	11:15
	5/11/2017	-	2.37	-		817.17	-	5/14/2017	10:27	10:31
	5/7/2017	-	1.90	-		817.64	-	5/9/2017	13:15	13:19
	5/4/2017	2.35	2.36	0.01		817.18	817.19	5/5/2017	13:19	13:25
RW-01					851.92			-	-	-
	5/31/2017	-	13.68	-		838.24	-	-	-	-
	5/24/2017	-	11.76	-		840.16	-	-	-	-
	5/22/2017	-	11.77	-		840.15	-	-	-	-
	5/18/2017	-	11.79	-		840.13	-	-	-	-
	5/15/2017	11.84	11.89	0.05		840.03	840.07	-	-	-
	5/11/2017	-	11.52	-		840.40	-	-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-01 (cont'd)	5/7/2017	-	11.59	-		840.33	-	-	-	-
	5/4/2017	-	11.55	-		840.37	-	-	-	-
RW-02					852.69			-	-	-
	5/31/2017	21.60	22.00	0.40		830.69	830.98	5/31/2017	13:07	13:14
	5/24/2017	21.61	21.86	0.25		830.83	831.01	-	-	-
	5/22/2017	22.14	22.43	0.29		830.26	830.47	-	-	-
	5/18/2017	22.31	22.61	0.30		830.08	830.30	-	-	-
	5/15/2017	22.29	22.79	0.50		829.90	830.26	5/16/2017	12:02	12:07
	5/11/2017	22.41	23.16	0.75		829.53	830.08	5/14/2017	11:20	11:29
	5/7/2017	22.93	23.60	0.67		829.09	829.58	-	-	-
	5/4/2017	23.40	23.64	0.24		829.05	829.22	-	-	-
RW-03					852.34			-	-	-
	5/31/2017	-	24.52	-		827.82	-	-	-	-
	5/24/2017	-	22.09	-		830.25	-	-	-	-
	5/22/2017	22.61	22.62	0.01		829.72	829.73	-	-	-
	5/18/2017	-	22.81	-		829.53	-	-	-	-
	5/15/2017	23.00	23.02	0.02		829.32	829.33	-	-	-
	5/11/2017	-	23.16	-		829.18	-	-	-	-
	5/7/2017	-	23.81	-		828.53	-	-	-	-
	5/4/2017	-	25.90	-		826.44	-	-	-	-
RW-04					853.93			-	-	-
	5/31/2017	28.57	29.35	0.78		824.58	825.15	5/31/2017	12:48	13:01
	5/24/2017	-	28.95	-		824.98	-	5/26/2017	10:32	10:39
	5/22/2017	29.12	29.70	0.58		824.23	824.66	5/22/2017	12:19	12:28
	5/18/2017	29.33	29.73	0.40		824.20	824.49	-	-	-
	5/15/2017	29.46	29.82	0.36		824.11	824.37	5/16/2017	11:48	11:55
	5/11/2017	29.66	30.13	0.47		823.80	824.15	5/14/2017	11:07	11:16
	5/7/2017	29.90	30.38	0.48		823.55	823.90	5/9/2017	13:30	13:35
	5/4/2017	30.05	30.45	0.40		823.48	823.77	-	-	-
RW-05					853.53			-	-	-
	5/31/2017	32.43	32.89	0.46		820.64	820.98	-	-	-
	5/24/2017	32.56	32.86	0.30		820.67	820.89	-	-	-
	5/22/2017	32.71	32.94	0.23		820.59	820.76	-	-	-
	5/18/2017	32.80	32.96	0.16		820.57	820.69	-	-	-
	5/15/2017	32.76	33.27	0.51		820.26	820.64	5/16/2017	11:41	11:45
	5/11/2017	32.73	33.16	0.43		820.37	820.69	-	-	-
	5/7/2017	32.75	33.07	0.32		820.46	820.70	-	-	-
	5/4/2017	32.85	33.22	0.37		820.31	820.58	-	-	-
RW-06					846.21			-	-	-
	5/31/2017	26.43	26.44	0.01		819.77	819.78	-	-	-
	5/24/2017	-	26.93	-		819.28	-	-	-	-
	5/22/2017	-	26.81	-		819.40	-	-	-	-
	5/18/2017	-	26.88	-		819.33	-	-	-	-
	5/15/2017	26.65	26.66	0.01		819.55	819.56	-	-	-
	5/11/2017	-	26.75	-		819.46	-	-	-	-
	5/7/2017	-	26.39	-		819.82	-	-	-	-
	5/4/2017	-	26.90	-		819.31	-	-	-	-
RW-07					843.19			-	-	-
	5/31/2017	22.71	23.50	0.79		819.69	820.27	5/31/2017	12:31	12:42
	5/24/2017	22.39	22.95	0.56		820.24	820.65	5/26/2017	10:45	10:52
	5/22/2017	23.17	23.83	0.66		819.36	819.84	5/22/2017	11:59	12:11
	5/18/2017	23.33	24.42	1.09		818.77	819.57	5/19/2017	12:51	13:10
	5/15/2017	23.05	24.16	1.11		819.03	819.84	5/16/2017	11:30	11:37
	5/11/2017	23.14	24.30	1.16		818.89	819.74	5/14/2017	10:50	10:59
	5/7/2017	22.51	23.30	0.79		819.89	820.47	5/9/2017	11:11	11:32
	5/4/2017	23.26	24.40	1.14		818.79	819.62	5/5/2017	11:31	11:49

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-08					835.48			-	-	-
	5/31/2017	16.11	16.12	0.01		819.36	819.37	-	-	-
	5/24/2017	-	15.93	-		819.55	-	-	-	-
	5/22/2017	-	17.05	-		818.43	-	-	-	-
	5/18/2017	-	17.22	-		818.26	-	-	-	-
	5/15/2017	16.56	16.57	0.01		818.91	818.92	-	-	-
	5/11/2017	16.80	16.81	0.01		818.67	818.68	-	-	-
	5/7/2017	-	15.97	-		819.51	-	-	-	-
	5/4/2017	17.08	17.09	0.01		818.39	818.40	-	-	-
RW-09					835.12			-	-	-
	5/31/2017	13.40	13.43	0.03		821.69	821.72	-	-	-
	5/24/2017	13.15	13.17	0.02		821.95	821.97	-	-	-
	5/22/2017	13.65	13.69	0.04		821.43	821.46	-	-	-
	5/18/2017	14.01	14.12	0.11		821.00	821.08	-	-	-
	5/15/2017	13.10	13.22	0.12		821.90	821.99	-	-	-
	5/11/2017	13.84	14.03	0.19		821.09	821.23	-	-	-
	5/7/2017	13.47	13.48	0.01		821.64	821.65	-	-	-
	5/4/2017	13.85	14.15	0.30		820.97	821.19	-	-	-
RW-10					848.53			-	-	-
	5/31/2017	18.43	19.15	0.72		829.38	829.91	5/31/2017	13:59	14:05
	5/24/2017	-	10.83	-		837.70	-	-	-	-
	5/22/2017	-	11.91	-		836.62	-	-	-	-
	5/18/2017	-	12.66	-		835.87	-	-	-	-
	5/15/2017	12.15	12.40	0.25		836.13	836.32	-	-	-
	5/11/2017	11.24	11.86	0.62		836.67	837.13	5/14/2017	11:59	12:07
	5/7/2017	15.98	16.89	0.91		831.64	832.31	5/9/2017	10:15	10:26
	5/4/2017	15.60	17.98	2.38		830.55	832.29	5/5/2017	10:51	11:01
	5/3/2017	15.70	18.04	2.34		830.49	832.20	-	-	-
RW-11					852.97			-	-	-
	5/31/2017	11.53	11.67	0.14		841.30	841.40	-	-	-
	5/24/2017	11.11	11.15	0.04		841.82	841.85	-	-	-
	5/22/2017	-	11.78	-		841.19	-	-	-	-
	5/18/2017	12.20	12.21	0.01		840.76	840.76	-	-	-
	5/15/2017	-	12.19	-		840.78	-	-	-	-
	5/11/2017	12.11	12.12	0.01		840.85	840.85	-	-	-
	5/7/2017	12.18	12.19	0.01		840.78	840.78	-	-	-
	5/4/2017	12.28	12.29	0.01		840.68	840.68	-	-	-
RW-12					852.75			-	-	-
	5/31/2017	-	13.31	-		839.44	-	-	-	-
	5/24/2017	-	13.03	-		839.72	-	-	-	-
	5/22/2017	-	13.93	-		838.82	-	-	-	-
	5/18/2017	-	13.93	-		838.82	-	-	-	-
	5/15/2017	13.93	13.95	0.02		838.80	838.81	-	-	-
	5/11/2017	-	14.00	-		838.75	-	-	-	-
	5/7/2017	14.11	14.12	0.01		838.63	838.64	-	-	-
	5/4/2017	14.05	14.06	0.01		838.69	838.70	-	-	-
RW-13					847.97			-	-	-
	5/31/2017	-	23.28	-		824.69	-	-	-	-
	5/24/2017	-	6.20	-		841.77	-	5/26/2017	10:15	10:22
	5/22/2017	-	NM	-		-	-	5/22/2017	12:49	12:58
	5/18/2017	-	10.30	-		837.67	-	-	-	-
	5/15/2017	-	26.80	-		821.17	-	-	-	-
	5/11/2017	-	9.30	-		838.67	-	-	-	-
	5/7/2017	16.12	16.62	0.50		831.35	831.71	5/9/2017	10:01	10:13
	5/4/2017	16.06	16.90	0.84		831.07	831.68	5/5/2017	11:09	11:21
	5/3/2017	16.13	17.02	0.89		830.95	831.60	-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-14					827.54			-	-	-
	5/31/2017	-	11.99	-		815.55	-	-	-	-
	5/24/2017	-	12.15	-		815.39	-	-	-	-
	5/22/2017	-	12.05	-		815.49	-	-	-	-
	5/18/2017	-	12.44	-		815.10	-	-	-	-
	5/15/2017	-	12.10	-		815.44	-	-	-	-
	5/11/2017	-	12.30	-		815.24	-	-	-	-
	5/7/2017	-	13.89	-		813.65	-	-	-	-
	5/4/2017	-	12.54	-		815.00	-	-	-	-
RW-15					851.64			-	-	-
	5/31/2017	-	15.24	-		836.40	-	-	-	-
	5/24/2017	-	14.72	-		836.92	-	-	-	-
	5/22/2017	15.25	15.34	0.09		836.30	836.36	-	-	-
	5/18/2017	15.49	15.68	0.19		835.96	836.10	-	-	-
	5/15/2017	15.57	15.80	0.23		835.84	836.01	-	-	-
	5/11/2017	15.73	15.90	0.17		835.74	835.86	-	-	-
	5/7/2017	16.96	17.31	0.35		834.33	834.58	-	-	-
	5/4/2017	16.91	17.55	0.64		834.09	834.55	5/5/2017	10:27	10:35
SW-01					812.82			-	-	-
	5/4/2017	-	(0.89)	-		813.71	-	-	-	-
SW-02					808.65			-	-	-
	5/4/2017	-	(1.54)	-		810.19	-	-	-	-
SW-03					815.09			-	-	-
	5/4/2017	-	(1.96)	-		817.05	-	-	-	-
SW-05					838.75			-	-	-
	5/4/2017	-	NM	-		-	-	-	-	-
SW-08					802.04			-	-	-
	5/4/2017	-	(1.24)	-		803.28	-	-	-	-
SW-10					778.09			-	-	-
	5/4/2017	-	(0.48)	-		778.57	-	-	-	-
TW-04R					852.64			-	-	-
	5/4/2017	-	4.20	-		848.44	-	-	-	-
TW-05R					849.93			-	-	-
	5/4/2017	-	3.64	-		846.29	-	-	-	-
TW-14R					853.37			-	-	-
	5/4/2017	-	3.43	-		849.94	-	-	-	-
TW-15R					850.62			-	-	-
	5/4/2017	-	2.58	-		848.04	-	-	-	-
TW-21					849.70			-	-	-
	5/4/2017	-	1.89	-		847.81	-	-	-	-
TW-28					851.42			-	-	-
	5/4/2017	23.16	23.45	0.29		827.97	828.19	-	-	-
TW-30					851.81			-	-	-
	5/4/2017	-	21.45	-		830.36	-	-	-	-
TW-34					854.79			-	-	-
	5/4/2017	-	22.22	-		832.57	-	-	-	-
TW-35					854.10			-	-	-
	5/4/2017	-	22.69	-		831.41	-	-	-	-
TW-40					853.35			-	-	-
	5/4/2017	-	28.76	-		824.59	-	-	-	-
TW-41					849.38			-	-	-
	5/4/2017	-	27.42	-		821.96	-	-	-	-
TW-42					846.84			-	-	-
	5/4/2017	25.65	26.85	1.20		819.99	820.86	-	-	-
TW-45					848.31			-	-	-
	5/4/2017	27.27	27.85	0.58		820.46	820.88	-	-	-

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-46					846.88			-	-	-
	5/4/2017	-	NM	-		-	-	-	-	-
TW-55					845.93			-	-	-
	5/4/2017	-	8.82	-		837.11	-	-	-	-
TW-59					834.78			-	-	-
	5/4/2017	-	13.90	-		820.88	-	-	-	-
TW-60					828.03			-	-	-
	5/4/2017	-	9.45	-		818.58	-	-	-	-
TW-64					845.88			-	-	-
	5/4/2017	-	17.87	-		828.01	-	-	-	-
TW-65					845.62			-	-	-
	5/4/2017	-	21.95	-		823.67	-	-	-	-
TW-66					820.31			-	-	-
	5/4/2017	-	1.78	-		818.53	-	-	-	-
TW-67					852.71			-	-	-
	5/4/2017	-	12.65	-		840.06	-	-	-	-
TW-68					846.45			-	-	-
	5/4/2017	-	23.54	-		822.91	-	-	-	-
TW-69					840.27			-	-	-
	5/4/2017	-	14.15	-		826.12	-	-	-	-
TW-70					841.95			-	-	-
	5/4/2017	-	18.44	-		823.51	-	-	-	-
TW-73					850.53			-	-	-
	5/4/2017	-	7.25	-		843.28	-	-	-	-
TW-76					852.44			-	-	-
	5/4/2017	-	16.50	-		835.94	-	-	-	-
TW-81					849.43			-	-	-
	5/4/2017	-	2.06	-		847.37	-	-	-	-
TW-82					849.64			-	-	-
	5/4/2017	-	1.75	-		847.89	-	-	-	-
TW-83					850.44			-	-	-
	5/4/2017	-	2.61	-		847.83	-	-	-	-
TW-84					851.22			-	-	-
	5/4/2017	-	3.36	-		847.86	-	-	-	-
TW-85					843.49			-	-	-
	5/4/2017	-	11.95	-		831.54	-	-	-	-
TW-86					853.10			-	-	-
	5/4/2017	-	4.40	-		848.70	-	-	-	-
TW-87					852.25			-	-	-
	5/4/2017	-	4.82	-		847.43	-	-	-	-
TW-90					845.43			-	-	-
	5/4/2017	-	15.02	-		830.41	-	-	-	-
TW-94					840.58			-	-	-
	5/4/2017	7.17	7.18	0.01		833.40	833.41	-	-	-
TW-96					840.40			-	-	-
	5/4/2017	-	9.02	-		831.38	-	-	-	-

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

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

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation[1,2] (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[3] Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time

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

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

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-01	MW-01-072715	7/27/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.02 U
	MW-01-012716	1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-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-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[1]	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-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-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-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-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-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-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[1]	40 U	40 U[1]	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
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	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-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-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-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[1]	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-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-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-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-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-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	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-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-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	3390	103	505	2,460	50 U	194	250 U	--
	MW-15-033117	3/31/2017	µg/L	2850	65.4	444	1,860	20 U	221	100 U	--
	MW-15-040617	4/6/2017	µg/L	1790	60.6	465	886	25 U	181	125 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-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-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
MW-17B	MW-17B-030116	3/1/2016	µg/L	6480	488	11900	2870	5	742	104	0.019 U
	MW-17B-120116	12/1/2016	µg/L	9,370	761	16,900	4,500	100 U	954	112	--
	MW-17B-031317	3/13/2017	µg/L	7,350	770	14,100	4,510	200 U	944	1,000 U	--
	MW-17B-032017	3/20/2017	µg/L	10,700	1,360	21,400	7,910	323	1,210	1,000 U	--
	MW-17B-033117	3/31/2017	µg/L	9,190	900	17,500	5,910	100 U	1,200	500 U	
	MW-17B-033117FD	3/31/2017	µg/L	9,190	956	18,200	6,330	100 U	1,210	500 U	--
	MW-17B-040617	4/6/2017	µg/L	7,780	833	14,900	5,330	200 U	991	1,000 U	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-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
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[1]	250 U[1]	1,250 U[1]	--
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
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-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

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-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-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-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-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-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-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	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-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-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-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-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-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-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-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	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-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-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-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-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-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-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-37	MW-37-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 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	--

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-39	MW-39-120716	12/7/2016	µg/L	6,320	682	1,290	3,650	50 U	311	86	--
	MW-39-031417	3/14/2017	µg/L	6,370	431	2,200	3,700	10 U	199	117	--
	MW-39-032017	3/20/2017	µg/L	7,340	704	2,990	4,050	100 U	248	500 U	--
	MW-39-033117	3/31/2017	µg/L	7,540	899	3,140	4,400	50 U	272	250 U	--
	MW-39-040617	4/6/2017	µg/L	6,180	754	3,280	3,860	50 U	257	250 U	--
MW-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	1000 U	--
	MW-40-033117	3/31/2017	µg/L	13,300	1,500	19,500	8,070	100 U	727	500 U	--
	MW-40-040617	4/6/2017	µg/L	10,400	1,180	16,200	6,570	200 U	650	1000 U	--
MW-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-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-44	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
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-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

Table 6. Analytical Results for Groundwater

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-45B	MW-45B-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-040617	4/6/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
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, Table D1 "RBSLs for Groundwater", May 2015

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

Samples analyzed by EPA Methods SW 8260B and 8011

µg/L = microgram(s) per liter

1,2-DCA = 1,2-dichloroethane

EDB = 1,2-dibromoethane

ID = identification

MTBE = methyl tertiary butyl ether

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

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

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

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

Gray shading indicates the analyte exceeded RBSLs.

ESC LAB SCIENCES
YOUR LAB OF CHOICE

ANALYTICAL REPORT

May 15, 2017

myESC
REAL TIME DATA ACCESS

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L907384
Samples Received:	05/05/2017
Project Number:	684910.LDMR.GW
Description:	Lewis Drive Site Surface water event
Site:	LEWIS DRIVE
Report To:	Bethany Garvey 6600 Peachtree Dunwoody Road 400 Embassy Row - Suite 600 Atlanta, GA 30328

Entire Report Reviewed By:

Chris McCord
Technical Service Representative

TABLE OF CONTENTS

ONE LAB. NATIONWIDE.

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

SW-11-050417 L907384-01 GW

Collected by: JM / MW | Collected date/time: 05/04/17 08:05 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 18:22	05/10/17 18:22	ACG

SW-10-050417 L907384-02 GW

Collected by: JM / MW | Collected date/time: 05/04/17 08:25 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 18:40	05/10/17 18:40	ACG

SW-09-050417 L907384-03 GW

Collected by: JM / MW | Collected date/time: 05/04/17 09:00 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 18:58	05/10/17 18:58	ACG

FP-01-050417 L907384-04 GW

Collected by: JM / MW | Collected date/time: 05/04/17 08:35 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 19:16	05/10/17 19:16	ACG

FP-02-050417 L907384-05 GW

Collected by: JM / MW | Collected date/time: 05/04/17 08:45 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 19:34	05/10/17 19:34	ACG

SW-08-050417 L907384-06 GW

Collected by: JM / MW | Collected date/time: 05/04/17 09:10 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 19:51	05/10/17 19:51	ACG

SW-13-050417 L907384-07 GW

Collected by: JM / MW | Collected date/time: 05/04/17 09:20 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 20:09	05/10/17 20:09	ACG

FP-03-050417 L907384-08 GW

Collected by: JM / MW | Collected date/time: 05/04/17 09:40 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 20:27	05/10/17 20:27	ACG

SW-02-050417 L907384-09 GW

Collected by: JM / MW | Collected date/time: 05/04/17 10:05 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 20:45	05/10/17 20:45	ACG

SW-04-050417 L907384-10 GW

Collected by: JM / MW | Collected date/time: 05/04/17 09:55 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 21:02	05/10/17 21:02	ACG

SW-01-050417 L907384-11 GW

Collected by: JM / MW | Collected date/time: 05/04/17 10:10 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 21:20	05/10/17 21:20	ACG

SW-12-050417 L907384-12 GW

Collected by: JM / MW | Collected date/time: 05/04/17 10:25 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 21:37	05/10/17 21:37	ACG

SW-03-050417 L907384-13 GW

Collected by: JM / MW | Collected date/time: 05/04/17 10:30 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 21:55	05/10/17 21:55	ACG

SW-07-050417 L907384-14 GW

Collected by: JM / MW | Collected date/time: 05/04/17 10:15 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 22:12	05/10/17 22:12	ACG

TB-01-050417 L907384-15 GW

Collected by: JM / MW | Collected date/time: 05/04/17 10:45 | Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 17:29	05/10/17 17:29	ACG

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

Chris McCord
Technical Service Representative

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 18:22	WG978200
Toluene	ND		1.00	1	05/10/2017 18:22	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 18:22	WG978200
o-Xylene	ND		1.00	1	05/10/2017 18:22	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 18:22	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 18:22	WG978200
Naphthalene	ND		5.00	1	05/10/2017 18:22	WG978200
(S) Toluene-d8	*101*		*80.0-120*		*05/10/2017 18:22*	WG978200
(S) Dibromofluoromethane	*95.4*		*76.0-123*		*05/10/2017 18:22*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 18:22*	WG978200
(S) 4-Bromofluorobenzene	*108*		*80.0-120*		*05/10/2017 18:22*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 18:40	WG978200
Toluene	ND		1.00	1	05/10/2017 18:40	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 18:40	WG978200
o-Xylene	ND		1.00	1	05/10/2017 18:40	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 18:40	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 18:40	WG978200
Naphthalene	ND		5.00	1	05/10/2017 18:40	WG978200
(S) Toluene-d8	*101*		*80.0-120*		*05/10/2017 18:40*	WG978200
(S) Dibromofluoromethane	*94.0*		*76.0-123*		*05/10/2017 18:40*	WG978200
(S) a,a,a-Trifluorotoluene	*104*		*80.0-120*		*05/10/2017 18:40*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 18:40*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 18:58	WG978200
Toluene	ND		1.00	1	05/10/2017 18:58	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 18:58	WG978200
o-Xylene	ND		1.00	1	05/10/2017 18:58	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 18:58	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 18:58	WG978200
Naphthalene	ND		5.00	1	05/10/2017 18:58	WG978200
(S) Toluene-d8	*99.9*		*80.0-120*		*05/10/2017 18:58*	WG978200
(S) Dibromofluoromethane	*94.4*		*76.0-123*		*05/10/2017 18:58*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 18:58*	WG978200
(S) 4-Bromofluorobenzene	*107*		*80.0-120*		*05/10/2017 18:58*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 19:16	WG978200
Toluene	ND		1.00	1	05/10/2017 19:16	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 19:16	WG978200
o-Xylene	ND		1.00	1	05/10/2017 19:16	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 19:16	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 19:16	WG978200
Naphthalene	ND		5.00	1	05/10/2017 19:16	WG978200
(S) Toluene-d8	*102*		*80.0-120*		*05/10/2017 19:16*	WG978200
(S) Dibromofluoromethane	*94.0*		*76.0-123*		*05/10/2017 19:16*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 19:16*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 19:16*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 19:34	WG978200
Toluene	ND		1.00	1	05/10/2017 19:34	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 19:34	WG978200
o-Xylene	ND		1.00	1	05/10/2017 19:34	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 19:34	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 19:34	WG978200
Naphthalene	ND		5.00	1	05/10/2017 19:34	WG978200
(S) Toluene-d8	*99.9*		*80.0-120*		*05/10/2017 19:34*	WG978200
(S) Dibromofluoromethane	*93.9*		*76.0-123*		*05/10/2017 19:34*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 19:34*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 19:34*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 19:51	WG978200
Toluene	ND		1.00	1	05/10/2017 19:51	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 19:51	WG978200
o-Xylene	ND		1.00	1	05/10/2017 19:51	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 19:51	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 19:51	WG978200
Naphthalene	ND		5.00	1	05/10/2017 19:51	WG978200
(S) Toluene-d8	*103*		*80.0-120*		*05/10/2017 19:51*	WG978200
(S) Dibromofluoromethane	*94.2*		*76.0-123*		*05/10/2017 19:51*	WG978200
(S) a,a,a-Trifluorotoluene	*104*		*80.0-120*		*05/10/2017 19:51*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 19:51*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 20:09	WG978200
Toluene	ND		1.00	1	05/10/2017 20:09	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 20:09	WG978200
o-Xylene	ND		1.00	1	05/10/2017 20:09	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 20:09	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 20:09	WG978200
Naphthalene	ND		5.00	1	05/10/2017 20:09	WG978200
(S) Toluene-d8	*101*		*80.0-120*		*05/10/2017 20:09*	WG978200
(S) Dibromofluoromethane	*94.6*		*76.0-123*		*05/10/2017 20:09*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 20:09*	WG978200
(S) 4-Bromofluorobenzene	*107*		*80.0-120*		*05/10/2017 20:09*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 20:27	WG978200
Toluene	ND		1.00	1	05/10/2017 20:27	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 20:27	WG978200
o-Xylene	ND		1.00	1	05/10/2017 20:27	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 20:27	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 20:27	WG978200
Naphthalene	ND		5.00	1	05/10/2017 20:27	WG978200
(S) Toluene-d8	*100*		*80.0-120*		*05/10/2017 20:27*	WG978200
(S) Dibromofluoromethane	*95.8*		*76.0-123*		*05/10/2017 20:27*	WG978200
(S) a,a,a-Trifluorotoluene	*104*		*80.0-120*		*05/10/2017 20:27*	WG978200
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*05/10/2017 20:27*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 20:45	WG978200
Toluene	ND		1.00	1	05/10/2017 20:45	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 20:45	WG978200
o-Xylene	ND		1.00	1	05/10/2017 20:45	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 20:45	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 20:45	WG978200
Naphthalene	ND		5.00	1	05/10/2017 20:45	WG978200
(S) Toluene-d8	*102*		*80.0-120*		*05/10/2017 20:45*	WG978200
(S) Dibromofluoromethane	*95.8*		*76.0-123*		*05/10/2017 20:45*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 20:45*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 20:45*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 21:02	WG978200
Toluene	13.8		1.00	1	05/10/2017 21:02	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 21:02	WG978200
o-Xylene	ND		1.00	1	05/10/2017 21:02	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 21:02	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 21:02	WG978200
Naphthalene	ND		5.00	1	05/10/2017 21:02	WG978200
(S) Toluene-d8	*102*		*80.0-120*		*05/10/2017 21:02*	WG978200
(S) Dibromofluoromethane	*93.9*		*76.0-123*		*05/10/2017 21:02*	WG978200
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*05/10/2017 21:02*	WG978200
(S) 4-Bromofluorobenzene	*112*		*80.0-120*		*05/10/2017 21:02*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 21:20	WG978200
Toluene	ND		1.00	1	05/10/2017 21:20	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 21:20	WG978200
o-Xylene	ND		1.00	1	05/10/2017 21:20	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 21:20	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 21:20	WG978200
Naphthalene	ND		5.00	1	05/10/2017 21:20	WG978200
(S) Toluene-d8	*100*		*80.0-120*		*05/10/2017 21:20*	WG978200
(S) Dibromofluoromethane	*95.3*		*76.0-123*		*05/10/2017 21:20*	WG978200
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*05/10/2017 21:20*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 21:20*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	52.8		1.00	1	05/10/2017 21:37	WG978200
Toluene	91.7		1.00	1	05/10/2017 21:37	WG978200
Ethylbenzene	7.96		1.00	1	05/10/2017 21:37	WG978200
o-Xylene	23.2		1.00	1	05/10/2017 21:37	WG978200
m&p-Xylene	42.0		2.00	1	05/10/2017 21:37	WG978200
Xylenes, Total	65.2		3.00	1	05/10/2017 21:37	WG978200
Naphthalene	ND		5.00	1	05/10/2017 21:37	WG978200
(S) Toluene-d8	*102*		*80.0-120*		*05/10/2017 21:37*	WG978200
(S) Dibromofluoromethane	*96.4*		*76.0-123*		*05/10/2017 21:37*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 21:37*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 21:37*	WG978200

Cp
2 Tc
3 Ss
4 Cn
6 Qc
7 Gl
Al
9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 21:55	WG978200
Toluene	ND		1.00	1	05/10/2017 21:55	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 21:55	WG978200
o-Xylene	ND		1.00	1	05/10/2017 21:55	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 21:55	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 21:55	WG978200
Naphthalene	ND		5.00	1	05/10/2017 21:55	WG978200
(S) Toluene-d8	*101*		*80.0-120*		*05/10/2017 21:55*	WG978200
(S) Dibromofluoromethane	*93.6*		*76.0-123*		*05/10/2017 21:55*	WG978200
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*05/10/2017 21:55*	WG978200
(S) 4-Bromofluorobenzene	*108*		*80.0-120*		*05/10/2017 21:55*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 22:12	WG978200
Toluene	ND		1.00	1	05/10/2017 22:12	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 22:12	WG978200
o-Xylene	ND		1.00	1	05/10/2017 22:12	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 22:12	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 22:12	WG978200
Naphthalene	ND		5.00	1	05/10/2017 22:12	WG978200
(S) Toluene-d8	*99.8*		*80.0-120*		*05/10/2017 22:12*	WG978200
(S) Dibromofluoromethane	*94.8*		*76.0-123*		*05/10/2017 22:12*	WG978200
(S) a,a,a-Trifluorotoluene	*101*		*80.0-120*		*05/10/2017 22:12*	WG978200
(S) 4-Bromofluorobenzene	*108*		*80.0-120*		*05/10/2017 22:12*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 17:29	WG978200
Toluene	ND		1.00	1	05/10/2017 17:29	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 17:29	WG978200
o-Xylene	ND		1.00	1	05/10/2017 17:29	WG978200
m&p-Xylene	ND		2.00	1	05/10/2017 17:29	WG978200
Xylenes, Total	ND		3.00	1	05/10/2017 17:29	WG978200
Naphthalene	ND		5.00	1	05/10/2017 17:29	WG978200
(S) Toluene-d8	*101*		*80.0-120*		*05/10/2017 17:29*	WG978200
(S) Dibromofluoromethane	*95.2*		*76.0-123*		*05/10/2017 17:29*	WG978200
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*05/10/2017 17:29*	WG978200
(S) 4-Bromofluorobenzene	*111*		*80.0-120*		*05/10/2017 17:29*	WG978200

Method Blank (MB)

(MB) R3217831-2 05/10/17 14:20

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
o-Xylene	U		0.341	1.00
Xylenes, Total	U		1.06	3.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	*101*			*80.0-120*
(S) Dibromofluoromethane	*94.3*			*76.0-123*
(S) a,a,a-Trifluorotoluene	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*109*			*80.0-120*

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

(LCS) R3217831-1 05/10/17 13:27 • (LCSD) R3217831-3 05/10/17 15:00

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	20.7	19.5	82.8	78.2	70.0-130			5.75	20
Ethylbenzene	25.0	25.2	24.3	101	97.3	70.0-130			3.53	20
Naphthalene	25.0	20.1	19.1	80.4	76.3	70.0-130			5.19	20
Toluene	25.0	21.7	21.0	86.8	84.0	70.0-130			3.24	20
o-Xylene	25.0	24.2	23.9	96.7	95.5	70.0-130			1.24	20
m&p-Xylenes	50.0	47.6	47.5	95.1	95.0	70.0-130			0.110	20
Xylenes, Total	75.0	71.8	71.4	95.7	95.2	70.0-130			0.560	20
(S) Toluene-d8				*103*	*104*	*80.0-120*				
(S) Dibromofluoromethane				*96.7*	*93.4*	*76.0-123*				
(S) a,a,a-Trifluorotoluene				*104*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*108*	*110*	*80.0-120*				

Abbreviations and Definitions

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

Qualifier	Description

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

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 [6] 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

Pres Chk

Report to: Bethany Garvey

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

Project Description: Lewis Drive Site Surface water

City/State Collected: Belton, SC

Phone: 770-604-2182
Fax:

Client Project # 484910.LD.MR.GW

Lab Project # KINCH2MGA-LEWIS

Collected by (print): J. McCarn M. McCarn

Site/Facility ID # Lewis Dr

P.O. #

Collected by (signature): Justine McCarn

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

No. of Cntrs

Analysis / Container / Preservative

VB2-60GTEKNSC 40mlAmb-HCl

Chain of Custody Page 1 of 2

ESC LABORATORIES

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

LAB # 907784

C228

Acctnum: KINCH2MGA
Template: T121339
Prelogin: P597919
TSR: 526 - Chris McCord
PB: 4-24-17
Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time			Remarks	Sample # (lab only)
SW-11-050417	grab	GW	NA	5/4/17	0805	3	X		01
SW-10-050417		GW			0825	3	X		02
SW-09-050417		GW			0900	3	X		03
FP-01-050417		GW			0835	3	X		04
FP-02-050417		GW			0845	3	X		05
SW-08-050417		GW			0916	3	X		06
SW-13-050417		GW			0926	3	X		07
FP-03-050417		GW			0940	3	X		08
SW-02-050417		GW			1005	3	X		09
SW-04-050417	↓	GW	↓	↓	0955	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
Justine McCarn	5/4/17	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 42
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-5-17 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

Pres Chk

Report to: Bethany Garvey

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

Project Description: Lewis Drive Site Surface water

City/State Collected: Belton, SC

Phone: 770-604-9182
Fax:

Client Project # 168490.LDMR.GW

Lab Project # KINCH2MGA-LEWIS

Collected by (print): S. McCann Mallercan

Site/Facility ID # Lewis Drive

P.O. #

Collected by (signature): Justine McLarn

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VB2360STEXNSC 40ml/Amb-HCl
~~SW-02-050417~~	grab	GW	N/A	5/14/17		3	X
SW-01-050417	grab	GW	N/A	5/14/17	1010	3	X
SW-12-050417	↓	GW	↓	↓	1025	3	X
SW-03-050417	↓	GW	↓	↓	1030	3	X
SW-07-050417	grab	GW	N/A	5/14/17	1015	3	X
TB-01-050417	grab	GW	N/A	5/14/17	1045	1	X

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

ESC LABORATORY SCIENCES
NATIONAL CENTER FOR TESTING & INNOVATION
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 9.731

Table #

Acctnum: KINCH2MGA

Template: T121339

Prelogin: P537919

TSR: 926 - Chris McCord

PO: 4-24-17

Shipped Via: FedEX Ground

Remarks | Sample # (lab only)

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

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS X FedEx __ Courier ____

Tracking #

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

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Justine McLarn	5/14/17	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 42
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-5-17 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	Pres Chk
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 # 1054910.LD.MR.GW	Lab Project # KINCH2MGA-LEWIS12
Collected by (print): J. McCann M. Warren	Site/Facility ID # Lewis Dr	P.O. #
Collected by (signature): Justine McCann 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

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

ESC LAB SCIENCES

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

L# 907384
C227

Acctnum: KINCH2MGA
Template: T122208
Prelogin: P595239
TSR: 526 - Chris McCord
PB: 3/31/17 [illegible]
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk									Remarks	Sample # (lab only)
MW-30-050417	grab	GW	N/A	5/4/17	1425	3	X											01
TB-01-050417	↓	GW		↓	1045	1		X									[illegible]	02
FB-01-050417	↓	GW	↓	↓	~~1045~~ 1440	3	X											03
		GW																
		GW																
		GW																
		GW																
		GW																

* 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
Justine McCann	5/4/17	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 6
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 5-5-17 Time: 845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE

ANALYTICAL REPORT

May 12, 2017

myESC
REAL TIME DATA ACCESS

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L906930
Samples Received:	05/04/2017
Project Number:	684910.LD.MR.GW
Description:	Lewis Drive Groundwater
Site:	LEWIS DRIVE
Report To:	Bethany Garvey 6600 Peachtree Dunwoody Road 400 Embassy Row - Suite 600 Atlanta, GA 30328

Entire Report Reviewed By:

Chris McCord
Technical Service Representative

TABLE OF CONTENTS

MW-31-050317 L906930-01 GW

Collected by: JM/MW | Collected date/time: 05/03/17 10:10 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/08/17 23:02	05/08/17 23:02	BMB

MW-10-050317 L906930-02 GW

Collected by: JM/MW | Collected date/time: 05/03/17 10:30 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/08/17 23:23	05/08/17 23:23	BMB

MW-10-050317-FD L906930-03 GW

Collected by: JM/MW | Collected date/time: 05/03/17 10:35 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/08/17 23:44	05/08/17 23:44	BMB

MW-05-050317 L906930-04 GW

Collected by: JM/MW | Collected date/time: 05/03/17 11:00 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 00:05	05/09/17 00:05	BMB

MW-29-050317 L906930-05 GW

Collected by: JM/MW | Collected date/time: 05/03/17 13:00 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 00:25	05/09/17 00:25	BMB

MW-26-050317 L906930-06 GW

Collected by: JM/MW | Collected date/time: 05/03/17 13:25 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 00:46	05/09/17 00:46	BMB

MW-28-050317 L906930-07 GW

Collected by: JM/MW | Collected date/time: 05/03/17 14:00 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 01:07	05/09/17 01:07	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	10	05/11/17 01:10	05/11/17 01:10	BMB

MW-25-050317 L906930-08 GW

Collected by: JM/MW | Collected date/time: 05/03/17 14:30 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 01:28	05/09/17 01:28	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	10	05/11/17 01:22	05/11/17 01:22	BMB

MW-35-050317 L906930-09 GW

Collected by: JM/MW | Collected date/time: 05/03/17 14:50 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 01:49	05/09/17 01:49	BMB

MW-34-050317 L906930-10 GW

Collected by: JM/MW | Collected date/time: 05/03/17 15:15 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 02:10	05/09/17 02:10	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	10	05/11/17 01:35	05/11/17 01:35	BMB

MW-38-050317 L906930-11 GW

Collected by: JM/MW | Collected date/time: 05/03/17 15:30 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 02:31	05/09/17 02:31	BMB

FB-01-050317 L906930-12 GW

Collected by: JM/MW | Collected date/time: 05/03/17 16:15 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/09/17 02:52	05/09/17 02:52	BMB

TRIP BLANK TB-01-050317 L906930-13 GW

Collected by: JM/MW | Collected date/time: 05/03/17 09:25 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/08/17 22:20	05/08/17 22:20	BMB

TRIP BLANK TB-01-050317 L906930-14 GW

Collected by: JM/MW | Collected date/time: 05/03/17 09:25 | Received date/time: 05/04/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG977675	1	05/08/17 22:41	05/08/17 22:41	BMB

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

Chris McCord
Technical Service Representative

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/08/2017 23:02	WG977675
Toluene	ND		1.00	1	05/08/2017 23:02	WG977675
Ethylbenzene	ND		1.00	1	05/08/2017 23:02	WG977675
Total Xylenes	ND		3.00	1	05/08/2017 23:02	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/08/2017 23:02	WG977675
Naphthalene	ND		5.00	1	05/08/2017 23:02	WG977675
1,2-Dichloroethane	ND		1.00	1	05/08/2017 23:02	WG977675
(S) Toluene-d8	*105*		*80.0-120*		*05/08/2017 23:02*	WG977675
(S) Dibromofluoromethane	*95.9*		*76.0-123*		*05/08/2017 23:02*	WG977675
(S) 4-Bromofluorobenzene	*95.0*		*80.0-120*		*05/08/2017 23:02*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/08/2017 23:23	WG977675
Toluene	ND		1.00	1	05/08/2017 23:23	WG977675
Ethylbenzene	ND		1.00	1	05/08/2017 23:23	WG977675
Total Xylenes	ND		3.00	1	05/08/2017 23:23	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/08/2017 23:23	WG977675
Naphthalene	ND		5.00	1	05/08/2017 23:23	WG977675
1,2-Dichloroethane	ND		1.00	1	05/08/2017 23:23	WG977675
(S) Toluene-d8	*104*		*80.0-120*		*05/08/2017 23:23*	WG977675
(S) Dibromofluoromethane	*97.2*		*76.0-123*		*05/08/2017 23:23*	WG977675
(S) 4-Bromofluorobenzene	*97.2*		*80.0-120*		*05/08/2017 23:23*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/08/2017 23:44	WG977675
Toluene	ND		1.00	1	05/08/2017 23:44	WG977675
Ethylbenzene	ND		1.00	1	05/08/2017 23:44	WG977675
Total Xylenes	ND		3.00	1	05/08/2017 23:44	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/08/2017 23:44	WG977675
Naphthalene	ND		5.00	1	05/08/2017 23:44	WG977675
1,2-Dichloroethane	ND		1.00	1	05/08/2017 23:44	WG977675
(S) Toluene-d8	*105*		*80.0-120*		*05/08/2017 23:44*	WG977675
(S) Dibromofluoromethane	*98.9*		*76.0-123*		*05/08/2017 23:44*	WG977675
(S) 4-Bromofluorobenzene	*97.4*		*80.0-120*		*05/08/2017 23:44*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/09/2017 00:05	WG977675
Toluene	ND		1.00	1	05/09/2017 00:05	WG977675
Ethylbenzene	ND		1.00	1	05/09/2017 00:05	WG977675
Total Xylenes	ND		3.00	1	05/09/2017 00:05	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/09/2017 00:05	WG977675
Naphthalene	ND		5.00	1	05/09/2017 00:05	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 00:05	WG977675
(S) Toluene-d8	*106*		*80.0-120*		*05/09/2017 00:05*	WG977675
(S) Dibromofluoromethane	*99.9*		*76.0-123*		*05/09/2017 00:05*	WG977675
(S) 4-Bromofluorobenzene	*98.6*		*80.0-120*		*05/09/2017 00:05*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/09/2017 00:25	WG977675
Toluene	ND		1.00	1	05/09/2017 00:25	WG977675
Ethylbenzene	ND		1.00	1	05/09/2017 00:25	WG977675
Total Xylenes	ND		3.00	1	05/09/2017 00:25	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/09/2017 00:25	WG977675
Naphthalene	ND		5.00	1	05/09/2017 00:25	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 00:25	WG977675
(S) Toluene-d8	*104*		*80.0-120*		*05/09/2017 00:25*	WG977675
(S) Dibromofluoromethane	*97.4*		*76.0-123*		*05/09/2017 00:25*	WG977675
(S) 4-Bromofluorobenzene	*94.5*		*80.0-120*		*05/09/2017 00:25*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/09/2017 00:46	WG977675
Toluene	ND		1.00	1	05/09/2017 00:46	WG977675
Ethylbenzene	ND		1.00	1	05/09/2017 00:46	WG977675
Total Xylenes	ND		3.00	1	05/09/2017 00:46	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/09/2017 00:46	WG977675
Naphthalene	ND		5.00	1	05/09/2017 00:46	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 00:46	WG977675
(S) Toluene-d8	*105*		*80.0-120*		*05/09/2017 00:46*	WG977675
(S) Dibromofluoromethane	*101*		*76.0-123*		*05/09/2017 00:46*	WG977675
(S) 4-Bromofluorobenzene	*97.4*		*80.0-120*		*05/09/2017 00:46*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Benzene	65.9		1.00	1	05/09/2017 01:07	WG977675
Toluene	263		10.0	10	05/11/2017 01:10	WG977675
Ethylbenzene	14.5		1.00	1	05/09/2017 01:07	WG977675
Total Xylenes	1010		30.0	10	05/11/2017 01:10	WG977675
Methyl tert-butyl ether	2.94		1.00	1	05/09/2017 01:07	WG977675
Naphthalene	9.33		5.00	1	05/09/2017 01:07	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 01:07	WG977675
(S) Toluene-d8	*104*		*80.0-120*		*05/11/2017 01:10*	WG977675
(S) Toluene-d8	*107*		*80.0-120*		*05/09/2017 01:07*	WG977675
(S) Dibromofluoromethane	*98.0*		*76.0-123*		*05/09/2017 01:07*	WG977675
(S) Dibromofluoromethane	*103*		*76.0-123*		*05/11/2017 01:10*	WG977675
(S) 4-Bromofluorobenzene	*96.9*		*80.0-120*		*05/11/2017 01:10*	WG977675
(S) 4-Bromofluorobenzene	*100*		*80.0-120*		*05/09/2017 01:07*	WG977675

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

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	519		10.0	10	05/11/2017 01:22	WG977675
Toluene	10.1		1.00	1	05/09/2017 01:28	WG977675
Ethylbenzene	49.3		1.00	1	05/09/2017 01:28	WG977675
Total Xylenes	614		30.0	10	05/11/2017 01:22	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/09/2017 01:28	WG977675
Naphthalene	43.2		5.00	1	05/09/2017 01:28	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 01:28	WG977675
(S) Toluene-d8	*103*		*80.0-120*		*05/11/2017 01:22*	WG977675
(S) Toluene-d8	*106*		*80.0-120*		*05/09/2017 01:28*	WG977675
(S) Dibromofluoromethane	*90.1*		*76.0-123*		*05/09/2017 01:28*	WG977675
(S) Dibromofluoromethane	*103*		*76.0-123*		*05/11/2017 01:22*	WG977675
(S) 4-Bromofluorobenzene	*97.4*		*80.0-120*		*05/11/2017 01:22*	WG977675
(S) 4-Bromofluorobenzene	*99.1*		*80.0-120*		*05/09/2017 01:28*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Benzene	ND		1.00	1	05/09/2017 01:49	WG977675
Toluene	ND		1.00	1	05/09/2017 01:49	WG977675
Ethylbenzene	ND		1.00	1	05/09/2017 01:49	WG977675
Total Xylenes	ND		3.00	1	05/09/2017 01:49	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/09/2017 01:49	WG977675
Naphthalene	ND		5.00	1	05/09/2017 01:49	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 01:49	WG977675
(S) Toluene-d8	*103*		*80.0-120*		*05/09/2017 01:49*	WG977675
(S) Dibromofluoromethane	*97.7*		*76.0-123*		*05/09/2017 01:49*	WG977675
(S) 4-Bromofluorobenzene	*98.8*		*80.0-120*		*05/09/2017 01:49*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	287		10.0	10	05/11/2017 01:35	WG977675
Toluene	27.2		1.00	1	05/09/2017 02:10	WG977675
Ethylbenzene	2 62		1.00	1	05/09/2017 02:10	WG977675
Total Xylenes	130		3.00	1	05/09/2017 02:10	WG977675
Methyl tert-butyl ether	124		1.00	1	05/09/2017 02:10	WG977675
Naphthalene	ND		5.00	1	05/09/2017 02:10	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 02:10	WG977675
(S) Toluene-d8	*104*		*80.0-120*		*05/11/2017 01:35*	WG977675
(S) Toluene-d8	*105*		*80.0-120*		*05/09/2017 02:10*	WG977675
(S) Dibromofluoromethane	*95.1*		*76.0-123*		*05/09/2017 02:10*	WG977675
(S) Dibromofluoromethane	*102*		*76.0-123*		*05/11/2017 01:35*	WG977675
(S) 4-Bromofluorobenzene	*95.7*		*80.0-120*		*05/11/2017 01:35*	WG977675
(S) 4-Bromofluorobenzene	*102*		*80.0-120*		*05/09/2017 02:10*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/09/2017 02:31	WG977675
Toluene	ND		1.00	1	05/09/2017 02:31	WG977675
Ethylbenzene	ND		1.00	1	05/09/2017 02:31	WG977675
Total Xylenes	ND		3.00	1	05/09/2017 02:31	WG977675
Methyl tert-butyl ether	9.08		1.00	1	05/09/2017 02:31	WG977675
Naphthalene	ND		5.00	1	05/09/2017 02:31	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 02:31	WG977675
(S) Toluene-d8	*105*		*80.0-120*		*05/09/2017 02:31*	WG977675
(S) Dibromofluoromethane	*99.6*		*76.0-123*		*05/09/2017 02:31*	WG977675
(S) 4-Bromofluorobenzene	*99.8*		*80.0-120*		*05/09/2017 02:31*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/09/2017 02:52	WG977675
Toluene	ND		1.00	1	05/09/2017 02:52	WG977675
Ethylbenzene	ND		1.00	1	05/09/2017 02:52	WG977675
Total Xylenes	ND		3.00	1	05/09/2017 02:52	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/09/2017 02:52	WG977675
Naphthalene	ND		5.00	1	05/09/2017 02:52	WG977675
1,2-Dichloroethane	ND		1.00	1	05/09/2017 02:52	WG977675
(S) Toluene-d8	*104*		*80.0-120*		*05/09/2017 02:52*	WG977675
(S) Dibromofluoromethane	*98.2*		*76.0-123*		*05/09/2017 02:52*	WG977675
(S) 4-Bromofluorobenzene	*98.7*		*80.0-120*		*05/09/2017 02:52*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/08/2017 22:20	WG977675
Toluene	ND		1.00	1	05/08/2017 22:20	WG977675
Ethylbenzene	ND		1.00	1	05/08/2017 22:20	WG977675
Total Xylenes	ND		3.00	1	05/08/2017 22:20	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/08/2017 22:20	WG977675
Naphthalene	ND		5.00	1	05/08/2017 22:20	WG977675
1,2-Dichloroethane	ND		1.00	1	05/08/2017 22:20	WG977675
(S) Toluene-d8	*104*		*80.0-120*		*05/08/2017 22:20*	WG977675
(S) Dibromofluoromethane	*100*		*76.0-123*		*05/08/2017 22:20*	WG977675
(S) 4-Bromofluorobenzene	*98.4*		*80.0-120*		*05/08/2017 22:20*	WG977675

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/08/2017 22:41	WG977675
Toluene	ND		1.00	1	05/08/2017 22:41	WG977675
Ethylbenzene	ND		1.00	1	05/08/2017 22:41	WG977675
Total Xylenes	ND		3.00	1	05/08/2017 22:41	WG977675
Methyl tert-butyl ether	ND		1.00	1	05/08/2017 22:41	WG977675
Naphthalene	ND		5.00	1	05/08/2017 22:41	WG977675
1,2-Dichloroethane	ND		1.00	1	05/08/2017 22:41	WG977675
(S) Toluene-d8	*105*		*80.0-120*		*05/08/2017 22:41*	WG977675
(S) Dibromofluoromethane	*95.3*		*76.0-123*		*05/08/2017 22:41*	WG977675
(S) 4-Bromofluorobenzene	*94.3*		*80.0-120*		*05/08/2017 22:41*	WG977675

Method Blank (MB)

(MB) R3217118-3 05/08/17 22:00

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	*95.9*			*76.0-123*
(S) 4-Bromofluorobenzene	*96.2*			*80.0-120*

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

(LCS) R3217118-1 05/08/17 20:57 • (LCSD) R3217118-2 05/08/17 21:18

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	23.6	24.8	94.3	99.4	70.0-130			5.20	20
1,2-Dichloroethane	25.0	22.3	26.3	89.1	105	70.0-130			16.5	20
Ethylbenzene	25.0	22.4	23.7	89.4	94.9	70.0-130			5.95	20
Methyl tert-butyl ether	25.0	22.5	24.9	90.0	99.4	70.0-130			9.92	20
Naphthalene	25.0	25.5	28.8	102	115	70.0-130			12.2	20
Toluene	25.0	23.9	24.4	95.5	97.6	70.0-130			2.16	20
Xylenes, Total	75.0	65.6	71.1	87.5	94.8	70.0-130			8.05	20
(S) Toluene-d8				*103*	*104*	*80.0-120*				
(S) Dibromofluoromethane				*90.0*	*101*	*76.0-123*				
(S) 4-Bromofluorobenzene				*86.4*	*95.1*	*80.0-120*				

Abbreviations and Definitions

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

Qualifier	Description

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

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 – 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

Pres Chk

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.GW

Lab Project # KINCH2MGA-LEWIS12

Collected by (print): J. McCann MacLaren

Site/Facility ID # Lewis Drive

P.O. #

Collected by (signature): Justine McCann

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

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

ESC LAB SCIENCES

Lab # 1906930

B121

Acctnum: KINCH2MGA

Template: T121318

Prelogin: P597914

TSR: 208 - Chris McDaris

PB: 5-4-17

Shipped Via: FedEx Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40ml/Amb-HCl	V8260BTEXMNSC-TB 40ml/Amb-HCl-Blk	Remarks	Sample # (lab only)
MW-31-050317	GRAB	GW	NA	5/3/17	1010	3	X			-01
MW-10-050317		GW			1030	3	X			-02
MW-10-050317-FD		GW			1035	3	X		field dup	-03
MW-05-050317		GW			1100	3	X			-04
MW-29-050317		GW			1300	3	X			-05
MW-26-050317		GW			1325	3	X			-06
MW-28-050317		GW			1400	3	X			-07
MW-25-050317		GW			1430	3	X			-08
MW-25-050317		GW			1450	3	X			-09
MW-34-050317		GW			1515	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 # 7283 8333 6234

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 / MeoH / TSR
Justine McCann	5/3/17	1745		2
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.3 °C Bottles Received: 36
				If preservation required by Login: Date/Time:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 5-4-17 Time: 0845
			Maura Malone	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: Belton, SC

Phone: 770-604-9182
Fax:

Client Project # 680491C.2D.MR.GW
Lab Project # KINCH2MGA-LEWIS12

Collected by (print): Justine McLaren
Site/Facility ID # Lewis Drive
P.O. #

Collected by (signature): Justine McLaren
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
Date Results Needed

Quote #

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMINSC 40mlAmb-HCl	V8260BTEXMINSC-TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
MW-38-050317	GRAB	GW	NA	5/3/17	1530	3	X			
FB-01-050317	GRAB	GW	NA	5/3/17	1615	3	X		Gold Hawk	
		GW				3	X			
		GW				3	X			
TRIP BLANK TB-01-050317	grab	GW	N/A	5/3/17	0925	1		X	trip blank	
TRIP BLANK TB-01-050317	grab	GW	N/A	5/3/17	0925	1		X	trip blank	

Chain of Custody Page 2 of 2

ESC LABS SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L#
Table #
Acctnum: KINCH2MGA
Template: T121318
Prelogin: P597914
TSR: 526 - Chris McCord
PB: 4-10-17
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 X FedEx ___ Courier ____
Tracking # 7283 8333 6234

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)
Justine McLaren	5/3/17	1745	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Marena Malone

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

Temp: 2.3 °C Bottles Received: 36

Date: 5-4-17 Time: 0845

If preservation required by Login: Date/Time

Hold:

Conditions: NC / OK

Troy Dunlap

ESC Lab Sciences
Non-Conformance Form

Login #: L906930	Client: KINCH2MGA	Date: 5/4/17	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 / Courie
	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: COC has MW-25-050317 list twice on the COC. One with time 1430 and one with time 1450. One of the sets are labeled as MW-35-050317 at 1450. Logged per COC for now.

Client informed by:		Call		Email	X	Voice Mail		Date: 5/5/17	Time: 0915
TSR Initials: JCR	Client Contact: Bethany Garvey								

Login Instructions:

Log per containers as MW-35-050317 collected at 1450

ESC LAB SCIENCES
YOUR LAB OF CHOICE

ANALYTICAL REPORT

May 15, 2017

myESC
REAL TIME DATA ACCESS

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group:	L907387
Samples Received:	05/05/2017
Project Number:	684910.LDMR.GW
Description:	Lewis Drive Groundwater
Site:	LEWIS DRIVE
Report To:	Bethany Garvey 6600 Peachtree Dunwoody Road 400 Embassy Row - Suite 600 Atlanta, GA 30328

Entire Report Reviewed By:

Chris McCord
Technical Service Representative

TABLE OF CONTENTS

ONE LAB. NATIONWIDE.

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-30-050417 L907387-01 GW

Collected by: JM / MW
Collected date/time: 05/04/17 14:25
Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 22:30	05/10/17 22:30	ACG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	10	05/14/17 19:28	05/14/17 19:28	JAH

TB-02-050417 L907387-02 GW

Collected by: JM / MW
Collected date/time: 05/04/17 10:45
Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG979021	1	05/12/17 05:14	05/12/17 05:14	JAH

FB-01-050417 L907387-03 GW

Collected by: JM / MW
Collected date/time: 05/04/17 14:40
Received date/time: 05/05/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG978200	1	05/10/17 22:47	05/10/17 22:47	ACG

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

Chris McCord
Technical Service Representative

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	104		1.00	1	05/10/2017 22:30	WG978200
Toluene	341		10.0	10	05/14/2017 19:28	WG978200
Ethylbenzene	3.98		1.00	1	05/10/2017 22:30	WG978200
Total Xylenes	161		3.00	1	05/10/2017 22:30	WG978200
Methyl tert-butyl ether	ND		1.00	1	05/10/2017 22:30	WG978200
Naphthalene	ND		5.00	1	05/10/2017 22:30	WG978200
1,2-Dichloroethane	ND		1.00	1	05/10/2017 22:30	WG978200
(S) Toluene-d8	*100*		*80.0-120*		*05/10/2017 22:30*	WG978200
(S) Toluene-d8	*108*		*80.0-120*		*05/14/2017 19:28*	WG978200
(S) Dibromofluoromethane	*100*		*76.0-123*		*05/10/2017 22:30*	WG978200
(S) Dibromofluoromethane	*103*		*76.0-123*		*05/14/2017 19:28*	WG978200
(S) 4-Bromofluorobenzene	*101*		*80.0-120*		*05/14/2017 19:28*	WG978200
(S) 4-Bromofluorobenzene	*106*		*80.0-120*		*05/10/2017 22:30*	WG978200

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Benzene	ND		1.00	1	05/12/2017 05:14	WG979021
Toluene	ND		1.00	1	05/12/2017 05:14	WG979021
Ethylbenzene	ND		1.00	1	05/12/2017 05:14	WG979021
Total Xylenes	ND		3.00	1	05/12/2017 05:14	WG979021
Methyl tert-butyl ether	ND		1.00	1	05/12/2017 05:14	WG979021
Naphthalene	ND		5.00	1	05/12/2017 05:14	WG979021
1,2-Dichloroethane	ND		1.00	1	05/12/2017 05:14	WG979021
(S) Toluene-d8	*100*		*80.0-120*		*05/12/2017 05:14*	WG979021
(S) Dibromofluoromethane	*94.8*		*76.0-123*		*05/12/2017 05:14*	WG979021
(S) 4-Bromofluorobenzene	*102*		*80.0-120*		*05/12/2017 05:14*	WG979021

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	05/10/2017 22:47	WG978200
Toluene	ND		1.00	1	05/10/2017 22:47	WG978200
Ethylbenzene	ND		1.00	1	05/10/2017 22:47	WG978200
Total Xylenes	ND		3.00	1	05/10/2017 22:47	WG978200
Methyl tert-butyl ether	ND		1.00	1	05/10/2017 22:47	WG978200
Naphthalene	ND		5.00	1	05/10/2017 22:47	WG978200
1,2-Dichloroethane	ND		1.00	1	05/10/2017 22:47	WG978200
(S) Toluene-d8	*101*		*80.0-120*		*05/10/2017 22:47*	WG978200
(S) Dibromofluoromethane	*94.7*		*76.0-123*		*05/10/2017 22:47*	WG978200
(S) 4-Bromofluorobenzene	*109*		*80.0-120*		*05/10/2017 22:47*	WG978200

Method Blank (MB)

(MB) R3217831-2 05/10/17 14:20

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	*101*			*80.0-120*
(S) Dibromofluoromethane	*94.3*			*76.0-123*
(S) 4-Bromofluorobenzene	*109*			*80.0-120*

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

(LCS) R3217831-1 05/10/17 13:27 • (LCSD) R3217831-3 05/10/17 15:00

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	20.7	19.5	82.8	78.2	70.0-130			5.75	20
1,2-Dichloroethane	25.0	21.8	20.9	87.2	83.5	70.0-130			4.38	20
Ethylbenzene	25.0	25.2	24.3	101	97.3	70.0-130			3.53	20
Methyl tert-butyl ether	25.0	21.4	20.8	85.7	83.2	70.0-130			2.89	20
Naphthalene	25.0	20.1	19.1	80.4	76.3	70.0-130			5.19	20
Toluene	25.0	21.7	21.0	86.8	84.0	70.0-130			3.24	20
Xylenes, Total	75.0	71.8	71.4	95.7	95.2	70.0-130			0.560	20
(S) Toluene-d8				*103*	*104*	*80.0-120*				
(S) Dibromofluoromethane				*96.7*	*93.4*	*76.0-123*				
(S) 4-Bromofluorobenzene				*108*	*110*	*80.0-120*				

Method Blank (MB)

(MB) R3217570-2 05/11/17 22:20

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	*101*			*80.0-120*
(S) Dibromofluoromethane	*94.9*			*76.0-123*
(S) 4-Bromofluorobenzene	*103*			*80.0-120*

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

(LCS) R3217570-1 05/11/17 21:55 • (LCSD) R3217570-3 05/11/17 23:39

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	19.8	18.8	79.2	75.0	70.0-130			5.40	20
1,2-Dichloroethane	25.0	20.1	19.2	80.3	76.6	70.0-130			4.60	20
Ethylbenzene	25.0	24.1	22.6	96.4	90.5	70.0-130			6.31	20
Methyl tert-butyl ether	25.0	20.6	20.5	82.3	82.1	70.0-130			0.310	20
Naphthalene	25.0	21.5	19.4	85.8	77.5	70.0-130			10.2	20
Toluene	25.0	21.6	20.5	86.5	81.8	70.0-130			5.60	20
Xylenes, Total	75.0	72.5	68.3	96.7	91.1	70.0-130			5.97	20
(S) Toluene-d8				*100*	*99.3*	*80.0-120*				
(S) Dibromofluoromethane				*95.3*	*94.7*	*76.0-123*				
(S) 4-Bromofluorobenzene				*100*	*100*	*80.0-120*				

Abbreviations and Definitions

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

Qualifier	Description

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

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
[8] Al
[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

Report to: Bethany Garvey

Project Description: Lewis Drive Groundwater

Phone: 770-604-9182
Fax:

Client Project #: 1084910.LD.MR.GW

Site/Facility ID #: Lewis Dr

Collected by (print): J. McCann, M. Warren

Collected by (signature): Justine McCann

Immediately Packed on Ice N X Y ___

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

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

Pres Chk

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

City/State Collected:

Lab Project #: KINCH2MGA-LEWIS12

P.O. #

Quote #

Date Results Needed

Chain of Custody Page 1 of 1

ESC LAB SCIENCES

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

L# 907384
C227

Acctnum: KINCH2MGA
Template: T122208
Prelogin: P595239
TSR: 586 Chris McCord
PB: 3/31/17
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	Remarks	Sample # (lab only)
MW-30-050417	grab	GW	N/A	5/4/17	1425	3	X			01
TB-01-050417	↓	GW		↓	1045	1		X	samples SNTB	02
FB-01-050417	↓	GW	↓	↓	~~1045~~ 1440	3	X			03
		GW								
		GW								
		GW								
		GW								
		GW								

* 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	
Justine McCann	5/4/17	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C	Bottles Received: 6
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 5-5-17	Time: 845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK