



CH2M
3120 Highwoods Boulevard
Suite 214
Raleigh, NC 27604
O +1 919 875 4311
F +1 919 875 8491
www.ch2m.com

April 28, 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 – March 2017 Final 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 March 2017 at the Lewis Drive site. This is the final monthly update for this site. Future updates will be submitted quarterly in accordance with the Corrective Action Plan (CAP) and CAP Addendum. The first quarterly report will cover the period April 1 to June 30, 2017, and will be submitted within 60 days following the end of the quarter. If you have any questions or concerns, please call me at 919-760-1777, Mr. Scott Powell/CH2M at 678-530-4457, or Mr. Jerry Aycock/Plantation at 770-751-4165.

Regards,
CH2M HILL Engineers, Inc.

William M. Waldron, P.E.
Senior Project Manager

Attachments:

- Monthly Status Update including:
 - Figure 1 – Groundwater and Surface Water Elevation Map
 - Figure 2 – Product Thickness Map
 - Figure 3 – Groundwater Analytical Results in Residuum Aquifer, December 2016 and March 2017
 - Figure 4 – Groundwater Analytical Results in Bedrock Aquifer, December 2016 and March 2017
 - Table 1 – Field Observations
 - Table 2 – Stream Gauge Construction Information

April 28, 2017

- 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 Reports
- 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

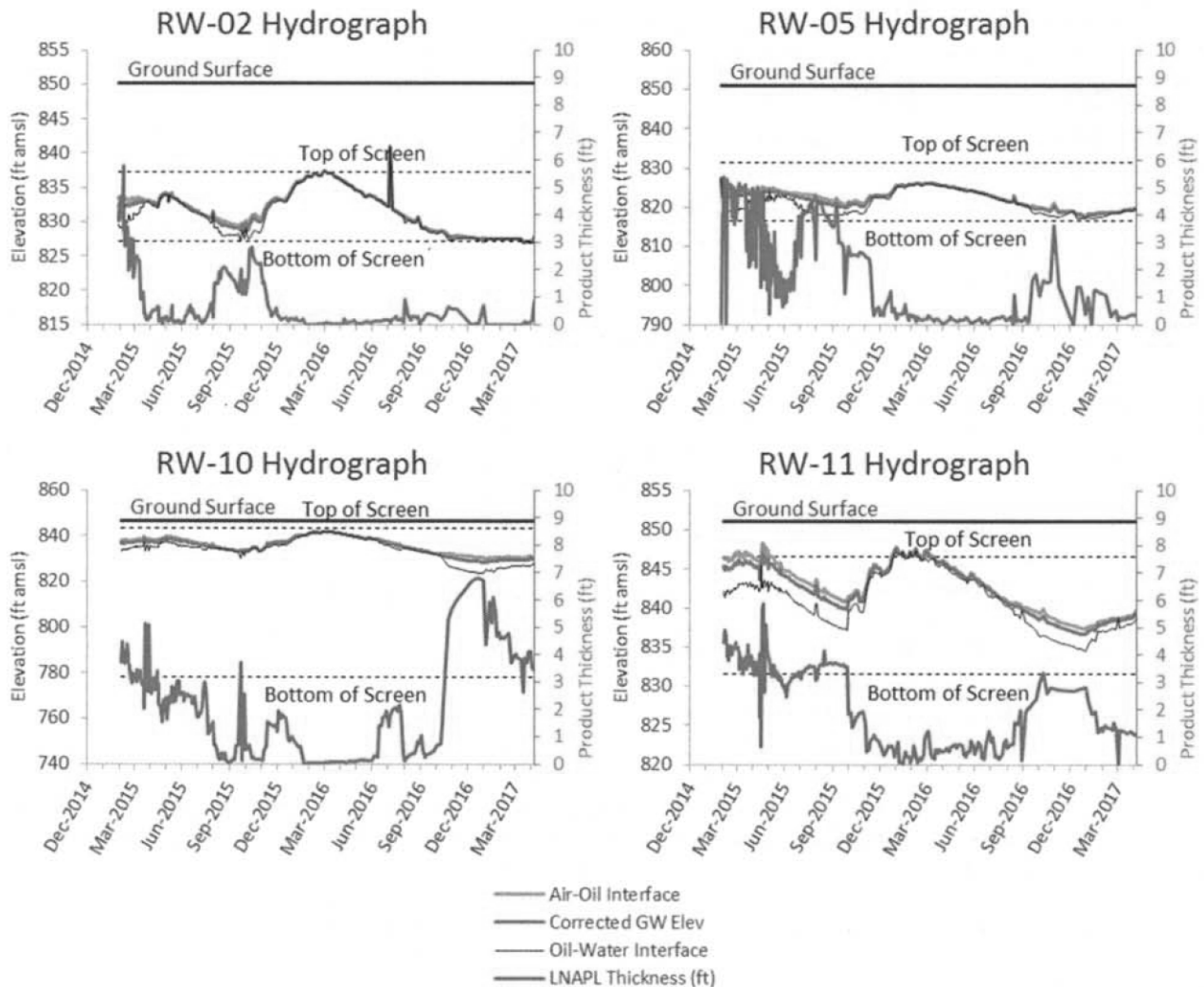
Monthly Status Update
Plantation Pipe Line Company
Lewis Drive Remediation
Site ID #18693 “Kinder Morgan Belton Pipeline Release”
March 2017

Surface Water

- Routinely inspected Brown’s Creek and the wetland area south of West Calhoun Rd. and adjacent to Cupboard Creek for hydrocarbon sheen, odor, or distressed vegetation. No new signs of distressed vegetation, hydrocarbon sheen, or odor have been noted. Occasional biological sheens (not from the hydrocarbon release at the site) were noted on both water bodies. The locations of two previously identified seeps are presented on Figures 1 and 2. The route of inspection is indicated on Figure 1. A summary of the field observations is provided in Table 1.
- Stream elevations from staff gauges are tabulated along with groundwater elevations in Table 2 and are depicted on Figure 1.
- To date, 34 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 weekly after system startup on March 15, March 21, and March 30, 2017. During each event, 14 surface water samples were collected at locations SW-01, SW-02, SW-03, SW-04, SW-08, SW-09, SW-10, SW-11, SW-12, SW-13, FP-01, FP-02, and FP-03 (locations SW-05 and SW-06 in Cupboard Creek were dry).
 - The following constituents were detected above their respective surface water standards during the most recent sampling event on March 30, 2017:
 - 48.5 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 on the March 30 event. 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. During the site-wide gauging event on March 2, 2017, 18 wells and sumps had product thicknesses of 0.5 foot or greater. The greatest product thickness was 4.02 feet in RW-10. These locations are all 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 the past six months are presented in Table 5. Groundwater elevation and product thicknesses for March 2017 are presented on Figures 1 and 2, respectively.
- Approximately 3,007 gallons of product were collected in March 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. See Table 5 for the specific dates and times certain wells and sumps were used for product recovery.
- To date, approximately 220,405 gallons (5,248 barrels) of product have been collected through the end of March 2017. Standing water was observed in Recovery Trench 2. Standing water is retained by a downgradient berm and an absorbent boom that is swapped out as needed (approximately monthly).
- Hydrographs of select wells generally representative of product thickness trends are presented below:



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 weekly groundwater samples in accordance with the Startup Plan. Analytical lab reports are attached and results are summarized in Table 6. Groundwater analytical results in the residuum and bedrock aquifers are presented on Figures 3 and 4, respectively.
- Installed well MW-34 by hand auger between MW-39 and Lewis Drive.

Remedial System Operation

- Initiated biosparging on March 6 for the Brown’s Creek Protection Zone and Cupboard Creek Protection Zone. Operation and monitoring was conducted per the approved Startup Plan. Operation has been documented in weekly data submittals, as required by the approved plan.
- Installed reactive core mat and erosion control blanket at Seeps 1 and 2 near Brown’s Creek.

Regulatory Interaction

- Issued monthly status update to SCDHEC.
- Submitted a Response to Response to Comments in SCDHEC Letter titled “Corrective Action Plan Review,” dated January 27, 2017 (with errata dated January 31, 2017) on March 1, 2017.
- Submitted a Corrective Action Plan Addendum on March 1, 2017.
- Submitted a Quality Assurance Project Plan, Revision 2 on March 1, 2017.
- Submitted weekly startup data transmittals on March 14, 23, and 31.
- Conducted internal stormwater pollution prevention plan (SWPPP) inspections on March 1, 8, 15, 23, and 29.

-
- Anderson County Stormwater Department performed a SWPPP inspection on March 20, 2017. No deficiencies were noted.

Future Activities

- Initiate biosparging in the horizontal wells in the Hayfield Zone.
- Increase flow in the stream aerators to up to 12 standard cubic feet per minute (scfm) each.
- Install well pair MW-43/-43B across Brown's Creek.
- Conduct bedrock sparging pilot study.
- Conduct monitoring and reporting on a quarterly basis in accordance with the Corrective Action Plan Addendum.
- Conduct baildown testing of recovery wells RW-04, RW-05, RW-07, RW-08, RW-09, RW-10, RW-11, and RW-13.
- 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.
- Gauge monitoring wells and piezometers monthly for depth to groundwater and free product thickness.
- Liquids will be collected in an on-site fractionation tank for eventual off-site disposal.
- Continue routine visual inspections of Brown's Creek and Wetland #1 (Cupboard Creek).
- Conduct monthly surface water sampling at 16 pre-determined locations along Brown's Creek and Cupboard Creek.
- The first quarterly report to SCDHEC will cover the period April 1 to June 30, 2017, and will be submitted to SCDHEC within 60 days following the end of the quarter.
- Continue coordination with landowners and legal counsel on an as-needed basis.

Wildlife Issues

- None.

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

Date	Destination	Total Product (gal)
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
3/31/2017	Remaining in frac tank	1,638
Total (gallons)		220,405
Total (barrels)		5,248

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.

Access Agreements

- Mr. Scott Lewis gave verbal approval to conduct needed response activities on his property.
- A formal access agreement was executed with Mr. Patrick O'Dell to install wells on his property.

Local Authorities On-Site

- Mr. Alex Kostik of the Anderson County Stormwater Department conducted an inspection on March 20, 2017. No deficiencies were identified.

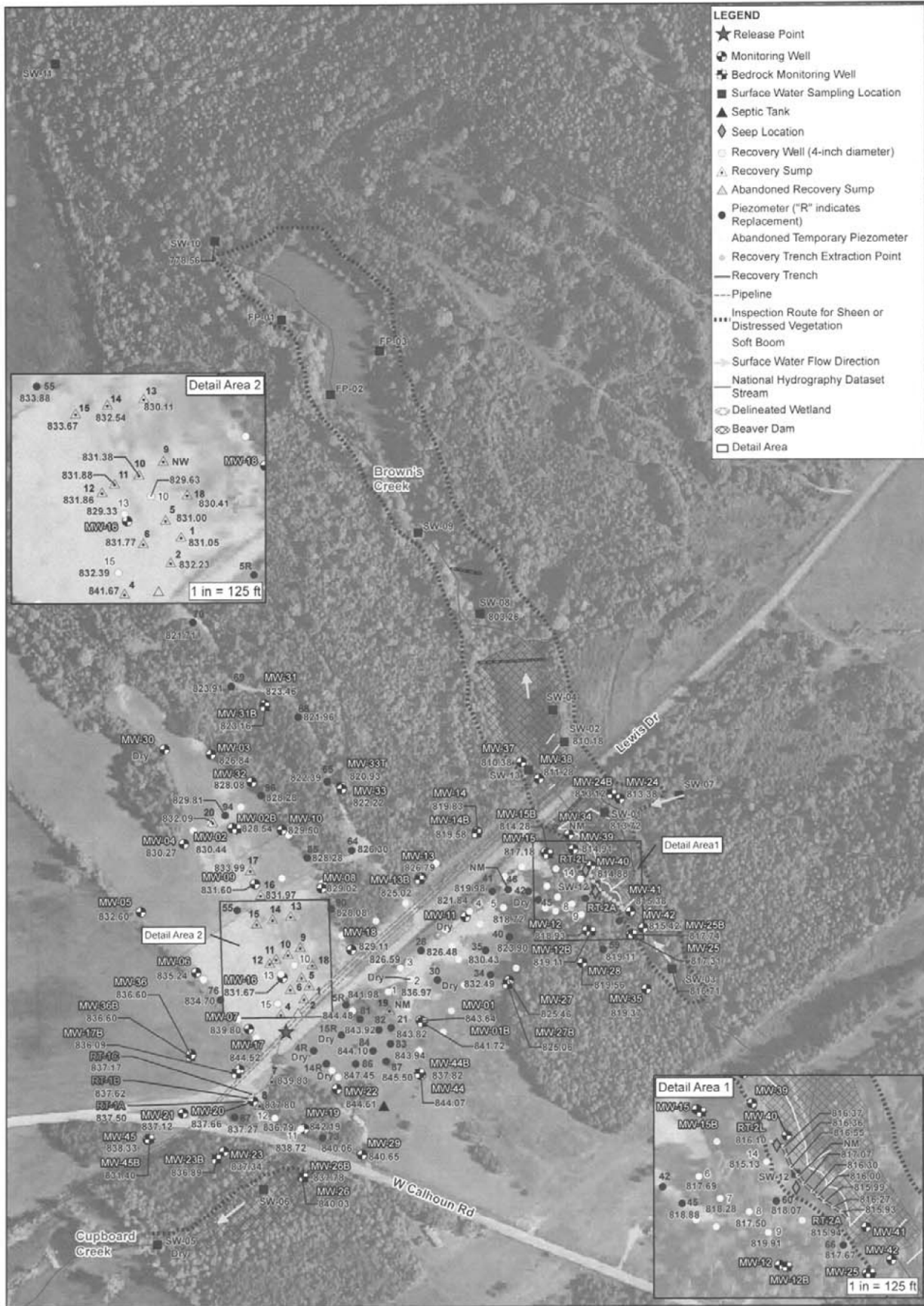
Photographs



Reactive core mat and erosion control blanket installed at Seep 1 (Brown's Creek is just out of frame to the right of the photo).



Reactive core mat and erosion control blanket installed at Seep 2 adjacent to Brown's Creek.



814.28 Corrected Groundwater Elevation as of 3/2/2017 in feet above mean sea level
 NM Not measured
 NW No water was measured in the well, only product

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)

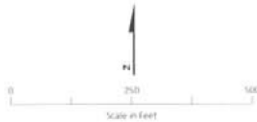
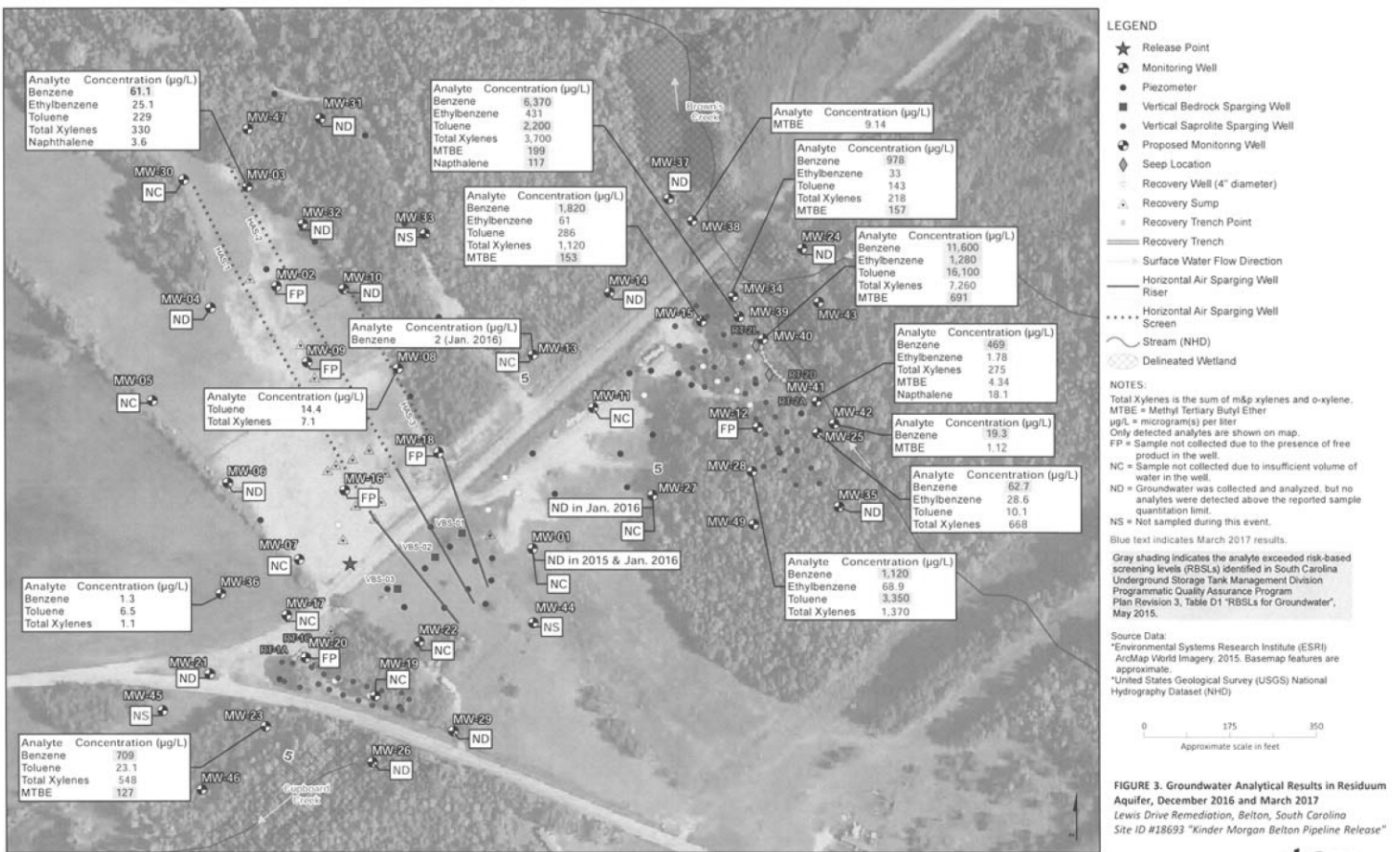


Figure 1. Groundwater and Surface Water Elevation Map
 Lewis Drive Remediation, Belton, South Carolina
 Site ID #18693
 "Kinder Morgan Belton Pipeline Release"

DRAFT





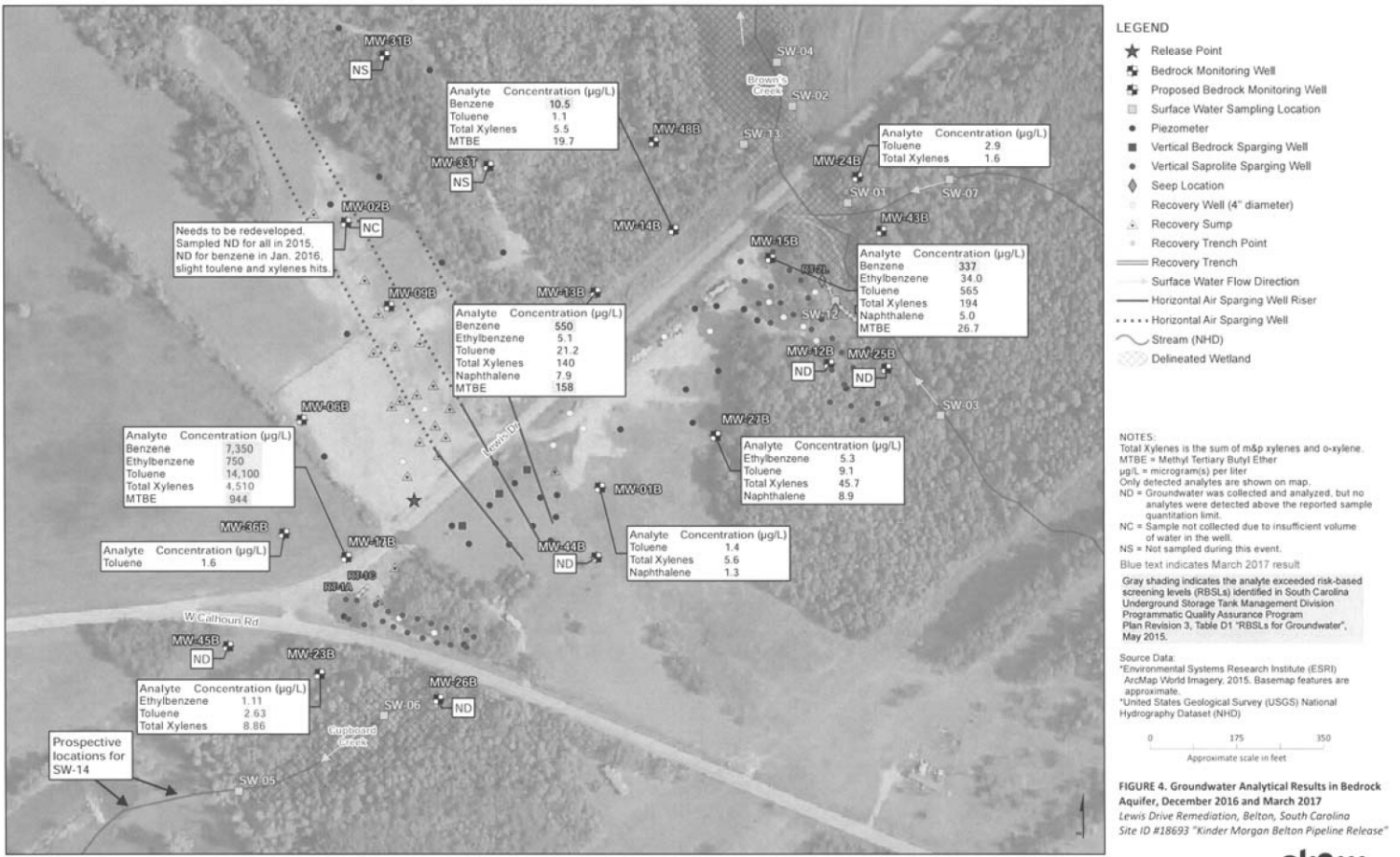


Table 1. Field Observation Log

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 Brooks Creek Upstream and Downstream of the Culvert Under Lewis Drive (Any odor, sheen or distressed vegetation? Describe.)
3/2/2017	No odors, sheen or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands upstream or downstream of Culvert under Lewis Drive.
3/6/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed either upstream or downstream of Culvert under Lewis Drive.
3/9/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands either upstream or downstream of Culvert under Lewis Drive.
3/13/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands either upstream or downstream of Culvert under Lewis Drive.
3/16/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands either upstream or downstream of Culvert under Lewis Drive.
3/20/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands upstream or downstream of Culvert under Lewis Drive.
3/24/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	No odors, sheens or distressed vegetation observed in wetlands either upstream or downstream of Culvert under Lewis Drive.
3/27/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen coming from RT-2 @ Browns Creek. No other sheens, odors or distressed vegetation observed.
3/31/2017	No odors, sheens or distressed vegetation observed in wetlands South of Calhoun Road.	Micro bio sheen observed @ RT-2 along Browns Creek. No other sheens, odors or distressed vegetation observed in wetlands upstream or downstream of Culvert.

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

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

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-SEEP	SW-RELEASE	1/20/2015	µg/L	330	490	2,400	2,100	940	140	5.7 J
	SW01-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U 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
SW-01	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

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

Location	Sample ID	Date Collected	Analyte: Units	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	

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

Location	Sample ID	Date Collected	Analyte: 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	1 U ¹	NA	
SW03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	

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

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
	SW-DOWNGRADIENT	1/20/2015	µg/L	95	27	310	110	63	94	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
SW-04	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

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

Location	Sample ID	Date Collected	Analyte: Units	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
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
 Lewis Drive Remediation, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Analyte: Units	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	

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

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m,p-Xylene	o-Xylene	Naphthalene	MTBE
SW-08	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
	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	1 U ¹	NA	
SW08-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW08-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW08-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	

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

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

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

Location	Sample ID	Date Collected	Analyte: Units	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
SW-10	SW10-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	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

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

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-11	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
	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

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

Location	Sample ID	Date Collected	Analyte: 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
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
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
FP01-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA	
FP01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA	

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

Location	Sample ID	Date Collected	Analyte: Units	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-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	
Screening Value:			µg/L	2.2 ^a	530 ^a	1,000 ^a	190 ^{b,c}	190 ^b	0.17 ^b	14 ^b	

Table 3. Analytical Results for Surface Water

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
----------	-----------	----------------	----------------	---------	--------------	---------	------------	----------	-------------	------

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 = 1×10^{-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 for volatile organic compounds by EPA method SW 8260B

ID = identification

J = estimated value between method detection limit and the reporting limit

MTBE = methyl tertiary butyl ether

NA = not analyzed

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

µg/L = microgram(s) per liter

Bold indicates the analyte was detected above the laboratory reporting/quantitation limit.

Gray shading indicates the analyte exceeded screening criteria.

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	847.6	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	848.7	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	819.20	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	819.20	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	9.0	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	2/3/2015	Still in use	Gauging	820.18	820.31	29.70	2.7	1	24	796.2	9.70	29.70	4.0	29.6	816.2	790.6	20
TW-67	DPT	MW-09978	2/3/2015	Still in use	Gauging	852.88	852.71	26.31	2.7	1	27	825.9	6.31	26.31	7.0	26.5	845.9	826.4	20
TW-68	DPT	MW-09978	2/3/2015	Still in use	Gauging	846.59	846.45	29.96	2.2	1	27	819.6	9.96	29.96	7.0	30.1	839.6	816.5	20
TW-69	DPT	MW-09978	2/3/2015	Still in use	Gauging	840.38	840.27	51.91	2.2	1	50	790.4	11.91	51.91	10.0	52.0	830.4	788.4	40
TW-70	DPT	MW-09978	2/3/2015	Still in use	Gauging	842.07	841.95	45.05	2.2	1	43	799.1	10.05	45.05	8.0	45.2	834.1	796.9	35
TW-73	DPT	MW-09978	2/3/2015	Still in use	Gauging	850.60	850.53	16.00	2.7	1	16	834.6	6.00	16.00	6.0	16.1	844.6	834.5	10

Table 4. Well Construction Information

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

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or	Bottom of Screen or	Top of Screen or	Bottom of Screen or	Top of Screen or	Bottom of Screen or	Length of Screen or Borehole Interval (ft)
													Open Interval (ft BTOC)	Open Interval (ft BTOC)	Open Interval (ft bgs)	Open Interval (ft bgs)	Open Interval (ft amsl)	Open Interval (ft amsl)	
TW-76	DPT	MW-10006	2/4/2015	Still in use	Gauging	852.53	852.44	43.62	2.7	1	43	809.5	8.62	43.62	8.0	43.7	844.5	808.8	35
TW-81	DPT	MW-10006	2/5/2015	Still in use	Gauging	849.48	849.43	7.00	2.2	1	7	842.5	2.00	7.00	2.0	7.0	847.5	842.4	5
TW-82	DPT	MW-10006	2/5/2015	Still in use	Gauging	849.83	849.64	10.00	2.2	1	10	839.8	2.00	10.00	2.0	10.2	847.8	839.6	8
TW-83	DPT	MW-10006	2/5/2015	Still in use	Gauging	850.54	850.44	17.00	2.2	1	17	833.5	2.00	17.00	2.0	17.1	848.5	833.4	15
TW-84	DPT	MW-10006	2/5/2015	Still in use	Gauging	851.38	851.22	13.50	2.2	1	13.5	837.9	3.50	13.50	3.5	13.7	847.9	837.7	10
TW-85	DPT	MW-10006	2/5/2015	Still in use	Gauging	843.64	843.49	39.00	2.7	1	39	804.6	9.00	39.00	9.0	39.2	834.6	804.5	30
TW-86	DPT	MW-10006	2/5/2015	Still in use	Gauging	853.28	853.10	6.00	2.2	1	6	847.3	2.00	6.00	2.0	6.2	851.3	847.1	4
TW-87	DPT	MW-10006	2/5/2015	Still in use	Gauging	852.33	852.25	7.00	2.2	1	7	845.3	2.00	7.00	2.0	7.1	850.3	845.3	5
TW-90	DPT	MW-10006	2/6/2015	Still in use	Gauging	845.48	845.43	46.50	2.7	1	46.5	799.0	6.50	46.50	6.5	46.6	839.0	798.9	40
TW-94	DPT	MW-10006	2/10/2015	Still in use	Gauging	840.75	840.58	40.00	2.7	1	40	800.8	5.00	40.00	5.0	40.2	835.8	800.6	35
TW-96	DPT	MW-10006	2/11/2015	Still in use	Gauging	840.52	840.40	30.00	2.7	1	30	810.5	5.00	30.00	5.0	30.1	835.5	810.4	25
Vertical Air Sparging Wells																			
VAS-01	Mobile B57 HSA	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	8/8/2016	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
 in = inches
 BTOC = below top of casing
 NA = not applicable
 DPT = direct push
 NS = location not surveyed
 ft = feet
 RNE = Refusal not encountered
 HSA = hollow-stem auger
 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					
	3/2/2017	-	9.43	-		843.64	-			
	2/2/2017	-	9.77	-		843.30	-			
	1/5/2017	-	14.12	-		838.95	-			
	12/21/2016	-	15.29	-		837.78	-			
	12/7/2016	-	15.23	-		837.84	-			
	11/28/2016	-	DRY	-		-	-			
	11/10/2016	-	14.42	-		838.65	-			
	10/31/2016	-	14.53	-		838.54	-			
	10/24/2016	-	14.42	-		838.65	-			
	10/17/2016	-	14.35	-		838.72	-			
	10/9/2016	-	14.22	-		838.85	-			
	10/4/2016	-	14.05	-		839.02	-			
	9/27/2016	-	13.89	-		839.18	-			
	9/19/2016	-	13.61	-		839.46	-			
	9/12/2016	-	13.41	-		839.66	-			
	9/9/2016	-	13.25	-		839.82	-			
	9/6/2016	-	12.72	-		840.35	-			
	9/2/2016	-	12.88	-		840.19	-			
MW-018					852.99					
	3/2/2017	-	11.27	-		841.72	-			
	2/2/2017	-	12.80	-		840.19	-			
	1/5/2017	15.38	15.39	0.01		837.60	837.61			
	12/21/2016	-	15.53	-		837.46	-			
	12/7/2016	-	15.62	-		837.37	-			
	11/28/2016	-	14.72	-		838.27	-			
	11/10/2016	-	13.66	-		839.33	-			
	10/31/2016	-	13.89	-		839.10	-			
	10/24/2016	-	13.76	-		839.23	-			
	10/17/2016	-	13.70	-		839.29	-			
	10/9/2016	-	13.38	-		839.61	-			
	10/4/2016	-	13.25	-		839.74	-			
	9/27/2016	-	13.11	-		839.88	-			
	9/19/2016	-	12.83	-		840.16	-			
	9/12/2016	-	12.60	-		840.39	-			
	9/9/2016	-	12.50	-		840.49	-			
	9/6/2016	-	12.12	-		840.87	-			
	9/2/2016	-	12.10	-		840.89	-			
MW-02					841.04					
	3/2/2017	10.60	10.61	0.01		830.43	830.44			
	2/2/2017	10.85	11.00	0.15		830.04	830.15			
	1/5/2017	12.96	13.29	0.33		827.75	827.99			
	12/21/2016	14.24	15.20	0.96		825.84	826.54			
	11/28/2016	13.67	14.62	0.95		826.42	827.11			
	11/10/2016	-	11.52	-		829.52	-			
	10/31/2016	-	11.45	-		829.59	-			
	10/24/2016	-	11.32	-		829.72	-			
	10/17/2016	-	11.20	-		829.84	-			
	10/9/2016	-	10.96	-		830.08	-			
	10/4/2016	-	10.90	-		830.14	-			
	9/27/2016	-	10.83	-		830.21	-			
	9/19/2016	9.81	10.13	0.32		830.91	831.14			
	9/12/2016	9.74	10.10	0.36		830.94	831.20			
	9/9/2016	9.69	10.12	0.43		830.92	831.24			
	9/6/2016	9.67	10.08	0.41		830.96	831.26			
	9/2/2016	9.69	10.01	0.32		831.03	831.26			

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-02B					841.18					
	3/2/2017	-	12.64	-		828.54	-			
	2/2/2017	-	11.85	-		829.33	-			
	1/5/2017	-	13.67	-		827.51	-			
	12/21/2016	-	14.81	-		826.37	-			
	11/28/2016	-	14.28	-		826.90	-			
	11/10/2016	-	11.63	-		829.55	-			
	10/31/2016	-	11.51	-		829.67	-			
	10/24/2016	-	11.35	-		829.83	-			
	10/17/2016	-	11.48	-		829.70	-			
	10/9/2016	-	11.35	-		829.83	-			
	10/4/2016	-	11.30	-		829.88	-			
	9/27/2016	-	11.13	-		830.05	-			
	9/19/2016	-	10.61	-		830.57	-			
	9/12/2016	-	10.56	-		830.62	-			
	9/9/2016	-	10.45	-		830.73	-			
	9/6/2016	-	10.34	-		830.84	-			
	9/2/2016	-	10.25	-		830.93	-			
MW-03					838.36					
	3/2/2017	-	11.52	-		826.84	-			
	2/2/2017	-	11.80	-		826.56	-			
	1/5/2017	-	13.14	-		825.22	-			
	12/21/2016	-	14.10	-		824.26	-			
	11/28/2016	-	13.34	-		825.02	-			
	11/10/2016	-	11.48	-		826.88	-			
	10/31/2016	-	11.38	-		826.98	-			
	10/24/2016	-	11.24	-		827.12	-			
	10/17/2016	-	11.22	-		827.14	-			
	10/9/2016	-	11.15	-		827.21	-			
	10/4/2016	-	11.02	-		827.34	-			
	9/27/2016	-	10.88	-		827.48	-			
	9/19/2016	-	10.72	-		827.64	-			
	9/12/2016	-	10.64	-		827.72	-			
	9/9/2016	-	10.57	-		827.79	-			
	9/6/2016	-	10.49	-		827.87	-			
	9/2/2016	-	10.39	-		827.97	-			
MW-04					844.42					
	3/2/2017	-	14.15	-		830.27	-			
	2/2/2017	-	14.80	-		829.62	-			
	1/5/2017	-	16.95	-		827.47	-			
	12/21/2016	-	17.03	-		827.39	-			
	11/28/2016	-	16.53	-		827.89	-			
	11/10/2016	-	12.85	-		831.57	-			
	10/31/2016	-	13.28	-		831.14	-			
	10/24/2016	-	13.10	-		831.32	-			
	10/17/2016	-	13.02	-		831.40	-			
	10/9/2016	-	12.94	-		831.48	-			
	10/4/2016	-	12.88	-		831.54	-			
	9/27/2016	-	12.78	-		831.64	-			
	9/19/2016	-	12.66	-		831.76	-			
	9/12/2016	-	12.61	-		831.81	-			
	9/9/2016	-	12.56	-		831.86	-			
	9/6/2016	-	12.42	-		832.00	-			
	9/2/2016	-	12.36	-		832.06	-			
MW-05					851.11					
	3/2/2017	-	18.51	-		832.60	-			

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
MW-05 (cont'd)	2/2/2017	-	19.55	-	-	831.56	-			
	1/5/2017	-	DRY	-	-	-	-			
	12/21/2016	-	19.51	-	-	831.60	-			
	12/7/2016	-	19.46	-	-	831.65	-			
	11/28/2016	-	19.47	-	-	831.64	-			
	11/10/2016	-	12.80	-	-	838.31	-			
	10/31/2016	-	12.93	-	-	838.18	-			
	10/24/2016	-	12.79	-	-	838.32	-			
	10/17/2016	-	12.70	-	-	838.41	-			
	10/9/2016	-	12.60	-	-	838.51	-			
	10/4/2016	-	12.59	-	-	838.52	-			
	9/27/2016	-	12.54	-	-	838.57	-			
	9/19/2016	-	12.34	-	-	838.77	-			
	9/12/2016	-	16.28	-	-	834.83	-			
	9/9/2016	-	16.21	-	-	834.90	-			
	9/6/2016	-	16.14	-	-	834.97	-			
9/2/2016	-	16.20	-	-	834.91	-				
MW-06					852.92					
MW-06	3/2/2017	-	17.68	-	-	835.24	-			
	2/2/2017	-	18.18	-	-	834.74	-			
	1/5/2017	-	DRY	-	-	-	-			
	12/21/2016	-	18.40	-	-	834.52	-			
	11/28/2016	-	17.78	-	-	835.14	-			
	11/10/2016	-	14.83	-	-	838.09	-			
	10/31/2016	-	14.78	-	-	838.14	-			
	10/24/2016	-	14.64	-	-	838.28	-			
	10/17/2016	-	14.56	-	-	838.36	-			
	10/9/2016	-	14.52	-	-	838.40	-			
	10/4/2016	-	14.49	-	-	838.43	-			
	9/27/2016	-	14.36	-	-	838.56	-			
	9/19/2016	-	14.05	-	-	838.87	-			
	9/12/2016	-	13.98	-	-	838.94	-			
	9/9/2016	-	13.93	-	-	838.99	-			
	9/6/2016	-	13.88	-	-	839.04	-			
9/2/2016	-	13.85	-	-	839.07	-				
MW-07					853.02					
MW-07	3/2/2017	-	13.22	-	-	839.80	-			
	2/2/2017	-	13.19	-	-	839.83	-			
	1/5/2017	13.20	13.21	0.01	-	839.81	839.81			
	12/21/2016	-	13.21	-	-	839.81	-			
	12/7/2016	-	13.08	-	-	839.94	-			
	11/28/2016	-	13.20	-	-	839.82	-			
	11/10/2016	-	14.20	-	-	838.82	-			
	10/31/2016	-	14.10	-	-	838.92	-			
	10/24/2016	-	13.93	-	-	839.09	-			
	10/17/2016	-	13.89	-	-	839.13	-			
	10/9/2016	-	13.82	-	-	839.20	-			
	10/4/2016	-	13.77	-	-	839.25	-			
	9/27/2016	-	13.68	-	-	839.34	-			
	9/19/2016	-	13.55	-	-	839.47	-			
	9/12/2016	-	13.46	-	-	839.56	-			
	9/9/2016	-	13.37	-	-	839.65	-			
9/6/2016	-	13.26	-	-	839.76	-				
9/2/2016	-	13.16	-	-	839.86	-				
MW-08					844.72					
MW-08	3/2/2017	-	15.70	-	-	829.02	-			

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-08 (cont'd)	2/2/2017	-	14.97	-		829.75	-			
	1/5/2017	-	16.20	-		828.52	-			
	12/21/2016	-	17.95	-		826.77	-			
	11/28/2016	-	17.49	-		827.23	-			
	11/10/2016	-	14.35	-		830.37	-			
	10/31/2016	-	14.26	-		830.46	-			
	10/24/2016	-	14.05	-		830.67	-			
	10/17/2016	-	13.96	-		830.76	-			
	10/9/2016	-	13.90	-		830.82	-			
	10/4/2016	-	13.78	-		830.94	-			
	9/27/2016	-	13.72	-		831.00	-			
	9/19/2016	-	13.43	-		831.29	-			
	9/12/2016	-	13.54	-		831.18	-			
	9/9/2016	-	13.38	-		831.34	-			
	9/6/2016	-	13.31	-		831.41	-			
9/2/2016	-	13.20	-		831.52	-				
MW-09					843.63					
	3/2/2017	-	12.03	-		831.60	-			
	2/2/2017	-	12.09	-		831.54	-			
	1/5/2017	13.69	13.70	0.01		829.93	829.94			
	12/30/2016	15.30	15.90	0.60		827.73	828.17	12/30/2016	15:14	15:24
	12/21/2016	14.80	16.79	1.99		826.84	828.29	12/22/2016	14:30	14:40
	12/7/2016	14.25	16.07	1.82		827.56	828.89			
	11/28/2016	14.38	16.25	1.87		827.38	828.75			
	11/10/2016	10.33	11.21	0.88		832.42	833.06			
	10/31/2016	10.30	11.40	1.10		832.23	833.04			
	10/24/2016	10.15	11.28	1.13		832.35	833.18			
	10/17/2016	10.10	11.22	1.12		832.41	833.23			
	10/9/2016	10.03	11.13	1.10		832.50	833.31			
	10/4/2016	9.92	11.01	1.09		832.62	833.42			
	9/27/2016	9.88	10.96	1.08		832.67	833.46			
	9/19/2016	9.74	10.89	1.15		832.74	833.58			
	9/12/2016	9.20	10.83	1.63		832.80	833.99			
	9/9/2016	9.60	10.78	1.18		832.85	833.71			
	9/6/2016	9.67	10.88	1.21		832.75	833.64			
	9/2/2016	9.56	10.84	1.28		832.79	833.73			
MW-10					845.41					
	3/2/2017	-	15.91	-		829.50	-			
	2/2/2017	-	17.05	-		828.36	-			
	1/5/2017	-	19.70	-		825.71	-			
	12/21/2016	-	20.03	-		825.38	-			
	11/28/2016	-	19.86	-		825.55	-			
	11/10/2016	-	18.30	-		827.11	-			
	10/31/2016	-	18.25	-		827.16	-			
	10/24/2016	-	18.30	-		827.11	-			
	10/17/2016	-	18.21	-		827.20	-			
	10/9/2016	-	18.13	-		827.28	-			
	10/4/2016	-	18.10	-		827.31	-			
	9/27/2016	-	17.98	-		827.43	-			
	9/19/2016	-	17.81	-		827.60	-			
	9/12/2016	-	17.73	-		827.68	-			
	9/9/2016	-	17.40	-		828.01	-			
	9/6/2016	-	17.36	-		828.05	-			
	9/2/2016	-	17.31	-		828.10	-			
MW-11					855.63					
	3/2/2017	-	DRY	-		-	-			

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-11 (cont'd)	2/2/2017	-	DRY	-	-	-	-			
	1/5/2017	-	DRY	-	-	-	-			
	12/21/2016	-	DRY	-	-	-	-			
	12/7/2016	-	31.32	-	-	824.31	-			
	11/28/2016	-	31.32	-	-	824.31	-			
	11/10/2016	-	31.32	-	-	824.31	-			
	10/31/2016	-	31.10	-	-	824.53	-			
	10/24/2016	-	30.85	-	-	824.78	-			
	10/17/2016	-	30.67	-	-	824.96	-			
	10/9/2016	30.16	31.28	1.12	-	824.35	825.17			
	10/4/2016	30.10	31.27	1.17	-	824.36	825.21			
	9/27/2016	29.73	31.10	1.37	-	824.53	825.53			
	9/19/2016	29.28	30.57	1.29	-	825.06	826.00			
	9/12/2016	29.13	30.10	0.97	-	825.53	826.24			
	9/9/2016	29.00	29.93	0.93	-	825.70	826.38			
	9/6/2016	28.71	29.56	0.85	-	826.07	826.69			
	9/2/2016	28.66	29.60	0.94	-	826.03	826.72			
MW-12					834.53					
	3/30/2017	15.05	15.28	0.23	-	819.25	819.42			
	3/27/2017	15.04	15.73	0.69	-	818.80	819.31			
	3/20/2017	14.81	15.20	0.39	-	819.34	819.62			
	3/13/2017	14.89	15.62	0.73	-	818.92	819.45			
	3/10/2017	14.76	15.39	0.63	-	819.14	819.60			
	3/9/2017	14.90	15.71	0.81	-	818.82	819.41			
	3/8/2017	14.78	15.41	0.63	-	819.12	819.58			
	3/7/2017	14.71	15.19	0.48	-	819.34	819.69			
	3/6/2017	14.99	15.57	0.58	-	818.96	819.39			
	3/2/2017	15.35	16.30	0.95	-	818.23	818.93			
	2/2/2017	15.57	16.71	1.14	-	817.82	818.65			
	1/19/2017	15.80	17.15	1.35	-	817.38	818.37			
	1/5/2017	15.64	16.91	1.27	-	817.62	818.55			
	12/21/2016	15.88	17.41	1.53	-	817.12	818.24	12/22/2016	13:30	13:40
	12/7/2016	15.76	17.16	1.40	-	817.37	818.39			
	11/28/2016	15.91	17.41	1.50	-	817.12	818.22			
	11/10/2016	15.70	17.25	1.55	-	817.28	818.41			
	10/31/2016	15.01	17.05	2.04	-	817.48	818.97			
	10/24/2016	15.54	16.90	1.36	-	817.63	818.63			
10/17/2016	15.37	16.70	1.33	-	817.83	818.80				
10/9/2016	15.21	16.44	1.23	-	818.09	818.99				
10/4/2016	15.12	16.36	1.24	-	818.17	819.08				
9/27/2016	15.02	16.18	1.16	-	818.35	819.20				
9/19/2016	14.80	15.92	1.12	-	818.61	819.43				
9/12/2016	14.60	15.70	1.10	-	818.83	819.64				
9/9/2016	14.49	15.46	0.97	-	819.07	819.78				
9/6/2016	14.28	15.33	1.05	-	819.20	819.97				
9/2/2016	14.23	15.22	0.99	-	819.31	820.04				
MW-12B					834.98					
	3/30/2017	-	15.48	-	-	819.50	-			
	3/27/2017	-	15.54	-	-	819.44	-			
	3/20/2017	-	15.45	-	-	819.53	-			
	3/13/2017	-	15.33	-	-	819.65	-			
	3/10/2017	-	15.17	-	-	819.81	-			
	3/9/2017	-	15.41	-	-	819.57	-			
	3/8/2017	-	15.19	-	-	819.79	-			
	3/7/2017	15.12	15.13	0.01	-	819.85	819.85			
	3/6/2017	-	15.32	-	-	819.66	-			

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-12B (cont'd)	3/2/2017	-	15.87	-		819.11	-			
	2/2/2017	-	16.17	-		818.81	-			
	1/5/2017	-	16.27	-		818.71	-			
	12/21/2016	-	16.58	-		818.40	-			
	12/7/2016	-	16.42	-		818.56	-			
	11/28/2016	-	16.62	-		818.36	-			
	11/10/2016	-	16.54	-		818.44	-			
	10/31/2016	-	16.48	-		818.50	-			
	10/24/2016	-	16.07	-		818.91	-			
	10/17/2016	-	16.03	-		818.95	-			
	10/9/2016	-	15.81	-		819.17	-			
	10/4/2016	-	15.77	-		819.21	-			
	9/27/2016	-	15.65	-		819.33	-			
	9/19/2016	-	15.45	-		819.53	-			
	9/12/2016	-	15.26	-		819.72	-			
	9/9/2016	-	15.13	-		819.85	-			
	9/6/2016	-	14.91	-		820.07	-			
9/2/2016	-	14.85	-		820.13	-				
MW-13					848.84					
MW-13B	3/2/2017	-	22.05	-		826.79	-			
	2/2/2017	-	22.04	-		826.80	-			
	1/5/2017	-	22.06	-		826.78	-			
	12/21/2016	-	22.05	-		826.79	-			
	12/7/2016	-	21.15	-		827.69	-			
	11/28/2016	-	21.90	-		826.94	-			
	11/10/2016	-	22.61	-		826.23	-			
	10/31/2016	-	22.77	-		826.07	-			
	10/24/2016	-	22.63	-		826.21	-			
	10/17/2016	-	21.57	-		827.27	-			
	10/9/2016	-	21.60	-		827.24	-			
	10/4/2016	-	21.94	-		826.90	-			
	9/27/2016	-	21.89	-		826.95	-			
	9/19/2016	-	21.79	-		827.05	-			
	9/12/2016	-	21.85	-		826.99	-			
	9/9/2016	-	21.10	-		827.74	-			
	9/6/2016	-	21.18	-		827.66	-			
9/2/2016	-	21.16	-		827.68	-				
MW-13B					849.82					
MW-14	3/2/2017	-	24.80	-		825.02	-			
	2/2/2017	-	25.35	-		824.47	-			
	1/5/2017	-	25.90	-		823.92	-			
	12/21/2016	-	25.69	-		824.13	-			
	11/28/2016	-	25.21	-		824.61	-			
	11/10/2016	-	23.78	-		826.04	-			
	10/31/2016	-	23.85	-		825.97	-			
	10/24/2016	-	23.77	-		826.05	-			
	10/17/2016	-	23.68	-		826.14	-			
	10/9/2016	-	23.47	-		826.35	-			
	10/4/2016	-	23.50	-		826.32	-			
	9/27/2016	-	22.76	-		827.06	-			
	9/19/2016	-	22.54	-		827.28	-			
	9/12/2016	-	22.65	-		827.17	-			
	9/9/2016	-	22.42	-		827.40	-			
	9/6/2016	-	22.36	-		827.46	-			
	9/2/2016	-	22.32	-		827.50	-			
MW-14					838.70					

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-14 (cont'd)	3/2/2017	-	18.87	-		819.83	-			
	2/2/2017	-	19.23	-		819.47	-			
	1/5/2017	-	19.80	-		818.90	-			
	12/21/2016	-	19.82	-		818.88	-			
	11/28/2016	-	19.71	-		818.99	-			
	11/10/2016	-	18.38	-		820.32	-			
	10/31/2016	-	18.32	-		820.38	-			
	10/24/2016	-	18.04	-		820.66	-			
	10/17/2016	-	17.96	-		820.74	-			
	10/9/2016	-	17.50	-		821.20	-			
	10/4/2016	-	17.90	-		820.80	-			
	9/27/2016	-	17.76	-		820.94	-			
	9/19/2016	-	17.73	-		820.97	-			
	9/12/2016	-	17.80	-		820.90	-			
	9/9/2016	-	17.51	-		821.19	-			
	9/6/2016	-	17.58	-		821.12	-			
9/2/2016	-	17.51	-		821.19	-				
MW-14B					840.20					
	3/2/2017	-	20.62	-		819.58	-			
	2/2/2017	-	21.10	-		819.10	-			
	1/5/2017	-	21.40	-		818.80	-			
	12/21/2016	-	21.52	-		818.68	-			
	11/28/2016	-	20.55	-		819.65	-			
	11/10/2016	-	18.94	-		821.26	-			
	10/31/2016	-	18.85	-		821.35	-			
	10/24/2016	-	19.09	-		821.11	-			
	10/17/2016	-	19.12	-		821.08	-			
	10/9/2016	-	19.10	-		821.10	-			
	10/4/2016	-	19.07	-		821.13	-			
	9/27/2016	-	18.95	-		821.25	-			
	9/19/2016	-	18.82	-		821.38	-			
	9/12/2016	-	18.80	-		821.40	-			
	9/9/2016	-	20.03	-		820.17	-			
	9/6/2016	-	20.10	-		820.10	-			
9/2/2016	-	20.03	-		820.17	-				
MW-15					831.03					
	3/30/2017	-	13.69	-		817.34	-			
	3/27/2017	-	13.78	-		817.25	-			
	3/20/2017	-	13.12	-		817.92	-			
	3/13/2017	-	13.27	-		817.76	-			
	3/10/2017	-	12.87	-		818.16	-			
	3/9/2017	-	13.28	-		817.75	-			
	3/8/2017	-	13.02	-		818.01	-			
	3/7/2017	-	12.33	-		818.70	-			
	3/6/2017	-	12.79	-		818.24	-			
	3/2/2017	-	13.85	-		817.18	-			
	2/2/2017	-	13.87	-		817.16	-			
	1/5/2017	-	13.95	-		817.08	-			
	12/21/2016	-	14.40	-		816.63	-			
	12/7/2016	-	14.21	-		816.82	-			
	11/28/2016	-	14.43	-		816.60	-			
	11/10/2016	-	14.21	-		816.82	-			
	10/31/2016	-	14.10	-		816.93	-			
	10/24/2016	-	13.96	-		817.07	-			
10/17/2016	-	13.88	-		817.15	-				
10/9/2016	-	13.80	-		817.23	-				

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-15 (cont'd)	10/4/2016	-	13.71	-		817.32	-			
	9/27/2016	-	13.41	-		817.62	-			
	9/19/2016	-	13.28	-		817.75	-			
	9/12/2016	-	13.33	-		817.70	-			
	9/9/2016	-	13.20	-		817.83	-			
	9/6/2016	-	13.16	-		817.87	-			
	9/2/2016	-	13.10	-		817.93	-			
MW-15B					831.29					
	3/30/2017	-	16.47	-		814.82	-			
	3/27/2017	-	16.69	-		814.60	-			
	3/20/2017	-	16.68	-		814.61	-			
	3/13/2017	-	16.63	-		814.66	-			
	3/10/2017	-	16.42	-		814.87	-			
	3/9/2017	-	16.18	-		815.11	-			
	3/8/2017	-	16.91	-		814.38	-			
	3/7/2017	-	16.46	-		814.83	-			
	3/6/2017	-	16.87	-		814.42	-			
	3/2/2017	-	17.01	-		814.28	-			
	2/2/2017	-	17.12	-		814.17	-			
	1/5/2017	-	17.22	-		814.07	-			
	12/21/2016	-	17.46	-		813.83	-			
	12/7/2016	-	17.34	-		813.95	-			
	11/28/2016	-	17.63	-		813.66	-			
	11/10/2016	-	17.21	-		814.08	-			
	10/31/2016	-	17.03	-		814.26	-			
	10/24/2016	-	16.88	-		814.41	-			
	10/17/2016	-	16.84	-		814.45	-			
	10/9/2016	-	16.77	-		814.52	-			
	10/4/2016	-	16.70	-		814.59	-			
	9/27/2016	-	16.66	-		814.63	-			
	9/19/2016	-	16.46	-		814.83	-			
	9/12/2016	-	17.12	-		814.17	-			
	9/9/2016	-	17.05	-		814.24	-			
	9/6/2016	-	17.28	-		814.01	-			
	9/2/2016	-	17.21	-		814.08	-			
MW-16					847.67					
	3/2/2017	15.05	18.55	3.50		829.12	831.67			
	2/2/2017	15.10	19.30	4.20		828.37	831.43			
	1/19/2017	15.45	20.00	4.55		827.67	830.99			
	1/5/2017	15.40	20.00	4.60		827.67	831.02			
	12/30/2016	15.40	20.00	4.60		827.67	831.02	12/30/2016	11:27	11:33
	12/21/2016	15.22	20.02	4.80		827.65	831.15	12/22/2016	15:36	15:46
	12/7/2016	14.91	19.98	5.07		827.69	831.39			
	11/28/2016	14.56	19.39	4.83		828.28	831.80			
	11/10/2016	12.43	12.70	0.27		834.97	835.16			
	10/31/2016	12.55	12.73	0.18		834.94	835.07			
	10/24/2016	12.48	12.64	0.16		835.03	835.14			
	10/17/2016	12.42	12.58	0.16		835.09	835.20			
	10/9/2016	12.40	12.55	0.15		835.12	835.22			
	10/4/2016	12.31	12.46	0.15		835.21	835.31			
	9/27/2016	12.21	13.33	1.12		834.34	835.15			
	9/19/2016	12.12	13.34	1.22		834.33	835.22			
	9/12/2016	12.08	13.29	1.21		834.38	835.26			
	9/9/2016	12.05	13.22	1.17		834.45	835.30			
	9/6/2016	11.71	12.33	0.62		835.34	835.79			
	9/2/2016	10.36	10.86	0.50		836.81	837.17			

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
MW-17					855.35					
	3/30/2017	-	10.84	-		844.51	-			
	3/20/2017	-	10.83	-		844.52	-			
	3/13/2017	-	10.82	-		844.53	-			
	3/2/2017	-	10.83	-		844.52	-			
	2/2/2017	-	10.84	-		844.51	-			
	1/5/2017	-	10.83	-		844.52	-			
	12/21/2016	-	10.85	-		844.50	-			
	12/7/2016	-	10.80	-		844.55	-			
	11/28/2016	-	10.82	-		844.53	-			
	11/10/2016	-	12.03	-		843.32	-			
	10/31/2016	-	11.94	-		843.41	-			
	10/24/2016	-	11.89	-		843.46	-			
	10/17/2016	-	11.83	-		843.52	-			
	10/9/2016	-	11.76	-		843.59	-			
	10/4/2016	-	11.71	-		843.64	-			
	9/27/2016	-	11.57	-		843.78	-			
	9/19/2016	-	11.43	-		843.92	-			
	9/12/2016	-	11.33	-		844.02	-			
	9/9/2016	-	11.28	-		844.07	-			
	9/6/2016	-	11.21	-		844.14	-			
	9/2/2016	-	11.13	-		844.22	-			
MW-17B					855.37					
	3/30/2017	-	18.98	-		836.39	-			
	3/20/2017	-	19.06	-		836.31	-			
	3/13/2017	-	19.05	-		836.32	-			
	3/2/2017	-	19.28	-		836.09	-			
	2/2/2017	-	19.79	-		835.58	-			
	1/5/2017	-	21.11	-		834.26	-			
	12/21/2016	-	19.93	-		835.44	-			
	12/7/2016	-	19.51	-		835.86	-			
	11/28/2016	-	19.53	-		835.84	-			
	11/10/2016	-	16.18	-		839.19	-			
	10/31/2016	-	16.00	-		839.37	-			
	10/24/2016	-	15.93	-		839.44	-			
	10/17/2016	-	15.88	-		839.49	-			
	10/9/2016	-	15.98	-		839.39	-			
	10/4/2016	-	15.80	-		839.57	-			
	9/27/2016	-	15.72	-		839.65	-			
	9/19/2016	-	15.68	-		839.69	-			
	9/12/2016	-	15.65	-		839.72	-			
	9/9/2016	-	15.59	-		839.78	-			
	9/6/2016	-	15.57	-		839.80	-			
	9/2/2016	-	15.46	-		839.91	-			
MW-18					846.89					
	3/2/2017	17.16	19.45	2.29		827.44	829.11			
	2/2/2017	17.29	19.55	2.26		827.34	828.99			
	1/19/2017	18.22	19.75	1.53		827.14	828.25			
	1/5/2017	18.40	NO WATER	1.70		-	-			
	12/21/2016	18.05	19.62	1.57		827.27	828.41			
	12/7/2016	17.69	19.59	1.90		827.30	828.68			
	11/28/2016	17.49	19.64	2.15		827.25	828.81			
	11/10/2016	14.76	15.96	1.20		830.93	831.80			
	10/31/2016	14.64	15.83	1.19		831.06	831.92			
	10/24/2016	14.71	15.93	1.22		830.96	831.85			
	10/17/2016	14.63	15.94	1.31		830.95	831.90			

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-18 (cont'd)	10/9/2016	14.60	15.87	1.27		831.02	831.94			
	10/4/2016	14.56	15.88	1.32		831.01	831.97			
	9/27/2016	14.44	15.73	1.29		831.16	832.10			
	9/19/2016	14.33	15.67	1.34		831.22	832.19			
	9/12/2016	14.24	15.61	1.37		831.28	832.28			
	9/9/2016	14.17	15.46	1.29		831.43	832.37			
	9/6/2016	14.10	15.41	1.31		831.48	832.43			
	9/2/2016	14.04	15.37	1.33		831.52	832.49			
MW-19					853.94					
	3/30/2017	-	11.77	-		842.17	-			
	3/27/2017	-	11.86	-		842.08	-			
	3/20/2017	-	11.79	-		842.15	-			
	3/13/2017	-	11.77	-		842.17	-			
	3/10/2017	-	11.71	-		842.23	-			
	3/9/2017	-	11.79	-		842.15	-			
	3/8/2017	-	11.78	-		842.16	-			
	3/7/2017	-	11.77	-		842.17	-			
	3/6/2017	11.76	11.76	0.00		842.18	842.18			
	3/2/2017	-	11.75	-		842.19	-			
	2/2/2017	-	11.73	-		842.21	-			
	1/5/2017	-	11.79	-		842.15	-			
	12/21/2016	-	11.79	-		842.15	-			
	12/7/2016	-	11.75	-		842.19	-			
	11/28/2016	-	11.75	-		842.19	-			
	11/10/2016	-	12.38	-		841.56	-			
	10/31/2016	-	12.27	-		841.67	-			
	10/24/2016	-	12.37	-		841.57	-			
	10/17/2016	-	12.25	-		841.69	-			
	10/9/2016	-	11.83	-		842.11	-			
	10/4/2016	-	11.80	-		842.14	-			
	9/27/2016	-	11.75	-		842.19	-			
	9/19/2016	-	11.86	-		842.08	-			
	9/12/2016	-	11.93	-		842.01	-			
	9/9/2016	-	11.85	-		842.09	-			
	9/6/2016	-	11.80	-		842.14	-			
	9/2/2016	-	11.75	-		842.19	-			
MW-20					852.89					
	3/30/2017	13.34	15.94	2.60		836.95	838.84			
	3/27/2017	14.41	16.00	1.59		836.89	838.05			
	3/20/2017	14.48	15.60	1.12		837.29	838.11			
	3/13/2017	14.60	16.33	1.73		836.56	837.82			
	3/10/2017	14.59	16.34	1.75		836.55	837.82			
	3/9/2017	14.60	15.32	0.72		837.57	838.09			
	3/8/2017	14.63	15.39	0.76		837.50	838.05			
	3/7/2017	14.71	16.43	1.72		836.46	837.71			
	3/6/2017	14.77	16.56	1.79		836.33	837.64			
	3/2/2017	14.74	16.55	1.81		836.34	837.66			
	2/2/2017	15.20	17.30	2.10		835.59	837.12			
	1/26/2017	15.30	17.00	1.70		835.89	837.13			
	1/16/2017	15.40	17.72	2.32		835.17	836.86			
	1/5/2017	15.68	17.64	1.96		835.25	836.68			
	12/30/2016	15.70	18.00	2.30		834.89	836.56	12/30/2016	11:05	11:10
	12/21/2016	15.57	17.56	1.99		835.33	836.78	12/22/2016	17:35	17:45
	12/7/2016	-	15.28	-		837.61	-			
	11/28/2016	15.18	17.14	1.96		835.75	837.18			
	11/10/2016	12.23	13.83	1.60		839.06	840.22			

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-20 (cont'd)	10/31/2016	12.10	13.80	1.70		839.09	840.33			
	10/24/2016	12.06	13.92	1.86		838.97	840.32			
	10/17/2016	11.96	13.89	1.93		839.00	840.40			
	10/9/2016	11.90	13.78	1.88		839.11	840.48			
	10/4/2016	11.88	13.72	1.84		839.17	840.51			
	9/27/2016	11.81	13.68	1.87		839.21	840.57			
	9/19/2016	11.93	13.78	1.85		839.11	840.46			
	9/12/2016	11.82	13.62	1.80		839.27	840.58			
	9/9/2016	11.71	13.50	1.79		839.39	840.69			
	9/6/2016	11.66	13.47	1.81		839.42	840.74			
9/2/2016	11.63	13.45	1.82		839.44	840.76				
MW-21					855.77					
	3/30/2017	-	18.41	-		837.36	-			
	3/20/2017	-	18.47	-		837.30	-			
	3/13/2017	-	18.58	-		837.19	-			
	3/2/2017	-	18.65	-		837.12	-			
	2/2/2017	-	19.05	-		836.72	-			
	1/5/2017	-	19.65	-		836.12	-			
	12/21/2016	-	19.70	-		836.07	-			
	12/7/2016	-	19.45	-		836.32	-			
	11/28/2016	-	19.35	-		836.42	-			
	11/10/2016	-	17.10	-		838.67	-			
	10/31/2016	-	17.02	-		838.75	-			
	10/24/2016	-	16.91	-		838.86	-			
	10/17/2016	-	16.88	-		838.89	-			
	10/9/2016	-	16.86	-		838.91	-			
	10/4/2016	-	16.81	-		838.96	-			
	9/27/2016	-	16.73	-		839.04	-			
	9/19/2016	-	16.80	-		838.97	-			
	9/12/2016	-	16.74	-		839.03	-			
	9/9/2016	-	16.69	-		839.08	-			
	9/6/2016	-	16.60	-		839.17	-			
	9/2/2016	-	16.53	-		839.24	-			
MW-22					854.60					
	3/2/2017	-	9.99	-		844.61	-			
	2/2/2017	-	9.98	-		844.62	-			
	1/5/2017	-	9.98	-		844.62	-			
	12/21/2016	-	9.97	-		844.63	-			
	11/28/2016	-	9.98	-		844.62	-			
	11/10/2016	-	16.26	-		838.34	-			
	10/31/2016	-	16.18	-		838.42	-			
	10/24/2016	-	16.01	-		838.59	-			
	10/17/2016	-	15.96	-		838.64	-			
	10/9/2016	-	16.01	-		838.59	-			
	10/4/2016	-	15.94	-		838.66	-			
	9/27/2016	-	15.86	-		838.74	-			
	9/19/2016	-	15.84	-		838.76	-			
	9/12/2016	-	15.79	-		838.81	-			
	9/9/2016	-	10.74	-		843.86	-			
	9/6/2016	-	10.66	-		843.94	-			
	9/2/2016	-	10.61	-		843.99	-			
MW-23					849.57					
	3/30/2017	-	12.02	-		837.55	-			
	3/20/2017	-	12.01	-		837.56	-			
	3/13/2017	-	12.09	-		837.48	-			
	3/2/2017	-	12.23	-		837.34	-			

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-23 (cont'd)	2/2/2017	-	12.57	-		837.00	-			
	1/5/2017	-	13.23	-		836.34	-			
	12/21/2016	-	13.48	-		836.09	-			
	12/7/2016	-	13.27	-		836.30	-			
	11/28/2016	-	13.21	-		836.36	-			
	11/10/2016	-	11.15	-		838.42	-			
	10/31/2016	-	11.05	-		838.52	-			
	10/24/2016	-	10.94	-		838.63	-			
	10/17/2016	-	10.88	-		838.69	-			
	10/9/2016	-	10.60	-		838.97	-			
	10/4/2016	-	10.70	-		838.87	-			
	9/27/2016	-	10.60	-		838.97	-			
	9/19/2016	-	10.66	-		838.91	-			
	9/12/2016	-	10.72	-		838.85	-			
	9/9/2016	-	10.66	-		838.91	-			
	9/6/2016	-	10.62	-		838.95	-			
9/2/2016	-	10.58	-		838.99	-				
MW-23B					849.69					
MW-23B	3/30/2017	-	12.82	-		836.87	-			
	3/20/2017	-	12.81	-		836.88	-			
	3/13/2017	-	12.77	-		836.92	-			
	3/2/2017	-	12.80	-		836.89	-			
	2/2/2017	-	12.91	-		836.78	-			
	1/5/2017	-	12.90	-		836.79	-			
	12/21/2016	-	12.78	-		836.91	-			
	12/7/2016	-	12.64	-		837.05	-			
	11/28/2016	-	11.27	-		838.42	-			
	11/10/2016	-	7.51	-		842.18	-			
	10/31/2016	-	7.40	-		842.29	-			
	10/24/2016	-	7.33	-		842.36	-			
	10/17/2016	-	7.21	-		842.48	-			
	10/9/2016	-	7.12	-		842.57	-			
	10/4/2016	-	7.08	-		842.61	-			
	9/27/2016	-	7.03	-		842.66	-			
9/19/2016	-	7.10	-		842.59	-				
9/12/2016	-	7.20	-		842.49	-				
9/9/2016	-	7.14	-		842.55	-				
9/6/2016	-	7.12	-		842.57	-				
9/2/2016	-	10.07	-		839.62	-				
MW-24					817.92					
MW-24	3/13/2017	-	4.50	-		813.42	-			
	3/2/2017	-	4.54	-		813.38	-			
	2/2/2017	-	4.88	-		813.04	-			
	1/5/2017	-	4.77	-		813.15	-			
	12/21/2016	-	5.02	-		812.90	-			
	12/7/2016	-	4.85	-		813.07	-			
	11/28/2016	-	5.09	-		812.83	-			
	11/10/2016	-	5.57	-		812.35	-			
	10/31/2016	-	5.44	-		812.48	-			
	10/24/2016	-	5.39	-		812.53	-			
	10/17/2016	-	5.33	-		812.59	-			
	10/9/2016	-	5.28	-		812.64	-			
	10/4/2016	-	5.20	-		812.72	-			
	9/27/2016	-	5.15	-		812.77	-			
	9/19/2016	-	5.28	-		812.64	-			
	9/12/2016	-	5.35	-		812.57	-			

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-24 (cont'd)	9/9/2016	-	8.41	-		809.51	-			
	9/6/2016	-	8.37	-		809.55	-			
	9/2/2016	-	5.73	-		812.19	-			
MW-24B				818.72						
	3/13/2017	-	5.51	-		813.21	-			
	3/2/2017	-	5.60	-		813.12	-			
	2/2/2017	-	5.84	-		812.88	-			
	1/5/2017	-	5.74	-		812.98	-			
	12/21/2016	-	5.93	-		812.79	-			
	12/7/2016	-	5.76	-		812.96	-			
	11/28/2016	-	6.05	-		812.67	-			
	11/10/2016	-	6.73	-		811.99	-			
	10/31/2016	-	6.68	-		812.04	-			
	10/24/2016	-	6.51	-		812.21	-			
	10/17/2016	-	6.45	-		812.27	-			
	10/9/2016	-	8.94	-		809.78	-			
	10/4/2016	-	6.33	-		812.39	-			
	9/27/2016	-	6.25	-		812.47	-			
	9/19/2016	-	6.30	-		812.42	-			
	9/12/2016	-	6.23	-		812.49	-			
	9/9/2016	-	27.30	-		791.42	-			
	9/6/2016	-	27.19	-		791.53	-			
	9/2/2016	-	6.46	-		812.26	-			
MW-25					826.18					
	3/30/2017	-	8.62	-		817.56	-			
	3/27/2017	-	8.66	-		817.52	-			
	3/20/2017	-	7.09	-		819.10	-			
	3/13/2017	-	8.52	-		817.66	-			
	3/10/2017	-	8.46	-		817.72	-			
	3/9/2017	-	8.61	-		817.57	-			
	3/8/2017	-	8.58	-		817.60	-			
	3/7/2017	-	8.52	-		817.66	-			
	3/6/2017	-	8.48	-		817.70	-			
	3/2/2017	-	8.87	-		817.31	-			
	2/2/2017	-	9.09	-		817.09	-			
	1/5/2017	6.05	6.06	0.01		820.12	820.13			
	12/21/2016	-	9.32	-		816.86	-			
	12/7/2016	-	9.13	-		817.05	-			
	11/28/2016	-	9.40	-		816.78	-			
	11/10/2016	-	11.15	-		815.03	-			
	10/31/2016	-	10.30	-		815.88	-			
	10/24/2016	-	10.15	-		816.03	-			
	10/17/2016	-	10.05	-		816.13	-			
	10/9/2016	-	9.89	-		816.29	-			
	10/4/2016	-	9.78	-		816.40	-			
	9/27/2016	-	8.88	-		817.30	-			
	9/19/2016	-	8.93	-		817.25	-			
	9/12/2016	-	8.85	-		817.33	-			
	9/9/2016	-	8.58	-		817.60	-			
	9/6/2016	-	8.53	-		817.65	-			
	9/2/2016	-	8.60	-		817.58	-			
MW-25B					823.81					
	3/30/2017	-	5.79	-		818.02	-			
	3/27/2017	-	5.85	-		817.96	-			
	3/20/2017	-	7.34	-		816.47	-			
	3/13/2017	-	5.95	-		817.86	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-25B (cont'd)	3/10/2017	-	5.94	-	-	817.87	-			
	3/9/2017	-	5.92	-	-	817.89	-			
	3/8/2017	-	5.91	-	-	817.90	-			
	3/7/2017	-	5.99	-	-	817.82	-			
	3/6/2017	-	6.31	-	-	817.50	-			
	3/2/2017	-	6.07	-	-	817.74	-			
	2/2/2017	-	6.45	-	-	817.36	-			
	1/5/2017	6.40	6.41	0.01	-	817.40	817.40			
	12/21/2016	-	6.42	-	-	817.39	-			
	12/7/2016	-	8.06	-	-	815.75	-			
	11/28/2016	-	6.45	-	-	817.36	-			
	11/10/2016	-	6.30	-	-	817.51	-			
	10/31/2016	-	6.35	-	-	817.46	-			
	10/24/2016	-	6.12	-	-	817.69	-			
	10/17/2016	-	6.10	-	-	817.71	-			
	10/9/2016	-	5.93	-	-	817.88	-			
	10/4/2016	-	5.80	-	-	818.01	-			
	9/27/2016	-	5.83	-	-	817.98	-			
	9/19/2016	-	5.90	-	-	817.91	-			
	9/12/2016	-	5.81	-	-	818.00	-			
9/9/2016	-	5.71	-	-	818.10	-				
9/6/2016	-	5.61	-	-	818.20	-				
9/2/2016	-	5.70	-	-	818.11	-				
MW-26					847.56					
	3/30/2017	-	7.38	-	-	840.18	-			
	3/20/2017	-	7.34	-	-	840.22	-			
	3/13/2017	-	7.40	-	-	840.16	-			
	3/2/2017	-	7.53	-	-	840.03	-			
	2/2/2017	-	8.01	-	-	839.55	-			
	1/5/2017	-	8.98	-	-	838.58	-			
	12/21/2016	-	9.63	-	-	837.93	-			
	12/7/2016	-	9.43	-	-	838.13	-			
	11/28/2016	-	9.46	-	-	838.10	-			
	11/10/2016	-	8.18	-	-	839.38	-			
	10/31/2016	-	8.30	-	-	839.26	-			
	10/24/2016	-	8.23	-	-	839.33	-			
	10/17/2016	-	8.15	-	-	839.41	-			
	10/9/2016	-	7.90	-	-	839.66	-			
	10/4/2016	-	7.88	-	-	839.68	-			
	9/27/2016	-	7.81	-	-	839.75	-			
	9/19/2016	-	7.70	-	-	839.86	-			
	9/12/2016	-	7.65	-	-	839.91	-			
	9/9/2016	-	7.19	-	-	840.37	-			
	9/6/2016	-	7.13	-	-	840.43	-			
	9/2/2016	-	7.08	-	-	840.48	-			
MW-26B					847.81					
	3/30/2017	-	9.79	-	-	838.02	-			
	3/20/2017	-	9.87	-	-	837.94	-			
	3/13/2017	-	9.92	-	-	837.89	-			
	3/2/2017	-	10.03	-	-	837.78	-			
	2/2/2017	-	10.49	-	-	837.32	-			
	1/5/2017	-	10.96	-	-	836.85	-			
	12/21/2016	-	10.97	-	-	836.84	-			
	12/7/2016	-	10.69	-	-	837.12	-			
	11/28/2016	-	10.65	-	-	837.16	-			
	11/10/2016	-	9.70	-	-	838.11	-			

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-26B (cont'd)	10/31/2016	-	9.65	-		838.16	-			
	10/24/2016	-	9.30	-		838.51	-			
	10/17/2016	-	9.21	-		838.60	-			
	10/9/2016	-	8.98	-		838.83	-			
	10/4/2016	-	8.81	-		839.00	-			
	9/27/2016	-	8.72	-		839.09	-			
	9/19/2016	-	8.74	-		839.07	-			
	9/12/2016	-	8.80	-		839.01	-			
	9/9/2016	-	8.48	-		839.33	-			
	9/6/2016	-	8.41	-		839.40	-			
	9/2/2016	-	8.33	-		839.48	-			
MW-27					854.11					
	3/2/2017	-	28.65	-		825.46	-			
	2/2/2017	-	28.97	-		825.14	-			
	1/5/2017	-	29.20	-		824.91	-			
	12/21/2016	-	29.16	-		824.95	-			
	12/7/2016	-	29.07	-		825.04	-			
	11/28/2016	-	29.03	-		825.08	-			
	11/10/2016	-	27.80	-		826.31	-			
	10/31/2016	-	27.73	-		826.38	-			
	10/24/2016	-	27.61	-		826.50	-			
	10/17/2016	-	27.58	-		826.53	-			
	10/9/2016	-	27.37	-		826.74	-			
	10/4/2016	-	27.25	-		826.86	-			
	9/27/2016	-	27.37	-		826.74	-			
	9/19/2016	-	27.28	-		826.83	-			
	9/12/2016	-	27.33	-		826.78	-			
	9/9/2016	-	27.26	-		826.85	-			
	9/6/2016	-	27.18	-		826.93	-			
	9/2/2016	-	27.13	-		826.98	-			
MW-27B					857.14					
	3/2/2017	-	32.08	-		825.06	-			
	2/2/2017	-	32.38	-		824.76	-			
	1/5/2017	-	32.52	-		824.62	-			
	12/21/2016	-	32.58	-		824.56	-			
	12/7/2016	-	32.61	-		824.53	-			
	11/28/2016	-	32.63	-		824.51	-			
	11/10/2016	-	31.13	-		826.01	-			
	10/31/2016	-	31.05	-		826.09	-			
	10/24/2016	-	30.81	-		826.33	-			
	10/17/2016	-	30.72	-		826.42	-			
	10/9/2016	-	30.28	-		826.86	-			
	10/4/2016	-	30.18	-		826.96	-			
	9/27/2016	-	30.25	-		826.89	-			
	9/19/2016	-	30.05	-		827.09	-			
	9/12/2016	-	29.90	-		827.24	-			
	9/9/2016	-	29.80	-		827.34	-			
	9/6/2016	-	29.69	-		827.45	-			
	9/2/2016	-	29.64	-		827.50	-			
MW-28					844.31					
	3/30/2017	-	25.08	-		819.23	-			
	3/27/2017	-	25.23	-		819.08	-			
	3/20/2017	-	25.63	-		818.68	-			
	3/13/2017	-	24.65	-		819.67	-			
	3/10/2017	-	24.71	-		819.60	-			
	3/9/2017	-	24.74	-		819.57	-			

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-28 (cont'd)	3/8/2017	-	24.74	-		819.57	-			
	3/7/2017	-	24.78	-		819.53	-			
	3/6/2017	-	24.72	-		819.60	-			
	3/2/2017	-	24.75	-		819.56	-			
	2/2/2017	-	25.10	-		819.21	-			
	1/5/2017	-	25.33	-		818.98	-			
	12/21/2016	-	25.32	-		818.99	-			
	12/7/2016	-	25.21	-		819.10	-			
	11/28/2016	-	24.87	-		819.44	-			
	11/10/2016	-	24.20	-		820.11	-			
	10/31/2016	-	24.15	-		820.16	-			
	10/24/2016	-	24.05	-		820.26	-			
	10/17/2016	-	23.93	-		820.38	-			
	10/9/2016	-	23.90	-		820.41	-			
	10/4/2016	-	23.81	-		820.50	-			
	9/27/2016	-	23.77	-		820.54	-			
	9/19/2016	-	23.72	-		820.59	-			
9/12/2016	-	23.57	-		820.74	-				
9/9/2016	-	23.45	-		820.86	-				
9/6/2016	-	23.34	-		820.97	-				
9/2/2016	-	23.40	-		820.91	-				
MW-29					852.20					
	3/30/2017	-	11.26	-		840.94	-			
	3/27/2017	-	11.27	-		840.93	-			
	3/20/2017	-	11.28	-		840.92	-			
	3/13/2017	-	11.35	-		840.85	-			
	3/10/2017	-	11.37	-		840.83	-			
	3/9/2017	-	10.35	-		841.85	-			
	3/8/2017	-	11.45	-		840.75	-			
	3/7/2017	-	11.42	-		840.78	-			
	3/6/2017	-	11.41	-		840.79	-			
	3/2/2017	-	11.55	-		840.65	-			
	2/2/2017	-	12.10	-		840.10	-			
	1/5/2017	-	13.25	-		838.95	-			
	12/21/2016	-	13.52	-		838.68	-			
	12/7/2016	-	13.26	-		838.94	-			
	11/28/2016	-	13.13	-		839.07	-			
	11/10/2016	-	10.77	-		841.43	-			
	10/31/2016	-	10.63	-		841.57	-			
	10/24/2016	-	10.52	-		841.68	-			
	10/17/2016	-	10.47	-		841.73	-			
	10/9/2016	-	10.40	-		841.80	-			
	10/4/2016	-	10.36	-		841.84	-			
	9/27/2016	-	10.25	-		841.95	-			
	9/19/2016	-	10.33	-		841.87	-			
	9/12/2016	-	10.29	-		841.91	-			
	9/9/2016	-	10.24	-		841.96	-			
	9/6/2016	-	10.18	-		842.02	-			
	9/2/2016	-	10.16	-		842.04	-			
MW-30					841.28					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	12/7/2016	-	14.56	-		826.72	-			
	11/28/2016	-	14.56	-		826.72	-			

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-30 (cont'd)	11/10/2016	-	9.70	-		831.58	-			
	10/31/2016	-	9.58	-		831.70	-			
	10/24/2016	-	9.44	-		831.84	-			
	10/17/2016	-	9.32	-		831.96	-			
	10/9/2016	-	9.26	-		832.02	-			
	10/4/2016	-	9.18	-		832.10	-			
	9/27/2016	-	9.12	-		832.16	-			
	9/19/2016	-	9.10	-		832.18	-			
	9/12/2016	-	8.57	-		832.71	-			
	9/9/2016	-	8.46	-		832.82	-			
	9/6/2016	-	8.38	-		832.90	-			
9/2/2016	-	8.30	-		832.98	-				
MW-31					845.04					
	3/2/2017	-	21.58	-		823.46	-			
	2/2/2017	-	22.07	-		822.97	-			
	1/5/2017	-	22.90	-		822.14	-			
	12/21/2016	-	22.76	-		822.28	-			
	11/28/2016	-	22.36	-		822.68	-			
	11/10/2016	-	20.15	-		824.89	-			
	10/31/2016	-	20.10	-		824.94	-			
	10/24/2016	-	20.00	-		825.04	-			
	10/17/2016	-	19.91	-		825.13	-			
	10/9/2016	-	20.03	-		825.01	-			
	10/4/2016	-	20.46	-		824.58	-			
	9/27/2016	-	20.21	-		824.83	-			
	9/19/2016	-	20.10	-		824.94	-			
	9/12/2016	-	20.00	-		825.04	-			
	9/9/2016	-	19.74	-		825.30	-			
	9/6/2016	-	19.65	-		825.39	-			
	9/2/2016	-	19.56	-		825.48	-			
MW-31B					844.94					
	3/2/2017	-	21.78	-		823.16	-			
	2/2/2017	-	22.37	-		822.57	-			
	1/5/2017	-	22.86	-		822.08	-			
	12/21/2016	-	22.73	-		822.21	-			
	11/28/2016	-	22.26	-		822.68	-			
	11/10/2016	-	21.44	-		823.50	-			
	10/31/2016	-	21.38	-		823.56	-			
	10/24/2016	-	21.03	-		823.91	-			
	10/17/2016	-	20.52	-		824.42	-			
	10/9/2016	-	20.53	-		824.41	-			
	10/4/2016	-	19.84	-		825.10	-			
	9/27/2016	-	19.78	-		825.16	-			
	9/19/2016	-	19.65	-		825.29	-			
	9/12/2016	-	19.59	-		825.35	-			
	9/9/2016	-	19.13	-		825.81	-			
	9/6/2016	-	19.03	-		825.91	-			
	9/2/2016	-	18.93	-		826.01	-			
MW-32					842.93					
	3/2/2017	-	14.85	-		828.08	-			
	2/2/2017	-	15.39	-		827.54	-			
	1/5/2017	-	17.46	-		825.47	-			
	12/21/2016	-	18.28	-		824.65	-			
	11/28/2016	-	18.00	-		824.93	-			
	11/10/2016	-	16.44	-		826.49	-			
	10/31/2016	-	16.38	-		826.55	-			

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-32 (cont'd)	10/24/2016	-	16.28	-		826.65	-			
	10/17/2016	-	16.33	-		826.60	-			
	10/9/2016	-	16.30	-		826.63	-			
	10/4/2016	-	NM	-		-	-			
	9/27/2016	-	16.21	-		826.72	-			
	9/19/2016	-	16.03	-		826.90	-			
	9/12/2016	-	15.18	-		827.75	-			
	9/9/2016	-	15.10	-		827.83	-			
	9/6/2016	-	15.17	-		827.76	-			
9/2/2016	-	15.15	-		827.78	-				
MW-33					849.20					
	3/2/2017	-	26.98	-		822.22	-			
	2/2/2017	-	27.52	-		821.68	-			
	1/5/2017	-	27.77	-		821.43	-			
	12/21/2016	-	27.57	-		821.63	-			
	11/28/2016	-	27.07	-		822.13	-			
	11/10/2016	-	25.52	-		823.68	-			
	10/31/2016	-	25.44	-		823.76	-			
	10/24/2016	-	25.36	-		823.84	-			
	10/17/2016	-	25.41	-		823.79	-			
	10/9/2016	-	25.30	-		823.90	-			
	10/4/2016	-	25.35	-		823.85	-			
	9/27/2016	-	24.15	-		825.05	-			
	9/19/2016	-	23.94	-		825.26	-			
	9/12/2016	-	23.81	-		825.39	-			
9/9/2016	-	23.74	-		825.46	-				
9/6/2016	-	23.66	-		825.54	-				
9/2/2016	-	23.78	-		825.42	-				
MW-33T					849.11					
	3/2/2017	-	28.18	-		820.93	-			
	2/2/2017	-	28.54	-		820.57	-			
	1/5/2017	-	28.74	-		820.37	-			
	12/21/2016	-	28.56	-		820.55	-			
	11/28/2016	-	28.14	-		820.97	-			
	11/10/2016	-	26.73	-		822.38	-			
	10/31/2016	-	26.77	-		822.34	-			
	10/24/2016	-	26.57	-		822.54	-			
	10/17/2016	-	26.60	-		822.51	-			
	10/9/2016	-	26.55	-		822.56	-			
	10/4/2016	-	26.53	-		822.58	-			
	9/27/2016	-	24.78	-		824.33	-			
	9/19/2016	-	24.68	-		824.43	-			
	9/12/2016	-	24.60	-		824.51	-			
9/9/2016	-	24.48	-		824.63	-				
9/6/2016	-	24.41	-		824.70	-				
9/2/2016	-	24.51	-		824.60	-				
MW-34					816.35					
	3/30/2017	-	2.64	-		813.71	-			
	3/20/2017	-	2.67	-		813.68	-			
3/13/2017	-	2.58	-		813.77	-				
MW-35					829.40					
	3/30/2017	-	9.36	-		820.04	-			
	3/27/2017	-	9.57	-		819.83	-			
	3/20/2017	-	9.48	-		819.92	-			
	3/17/2017	-	9.01	-		820.39	-			
3/16/2017	-	9.01	-		820.39	-				

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-35 (cont'd)	3/15/2017	-	8.79	-	-	820.61	-			
	3/14/2017	-	9.69	-	-	819.71	-			
	3/13/2017	-	9.65	-	-	819.76	-			
	3/10/2017	-	9.78	-	-	819.62	-			
	3/9/2017	-	8.57	-	-	820.83	-			
	3/8/2017	-	7.99	-	-	821.41	-			
	3/7/2017	-	9.44	-	-	819.96	-			
	3/6/2017	-	9.59	-	-	819.82	-			
	3/2/2017	-	10.03	-	-	819.37	-			
	2/2/2017	-	10.26	-	-	819.14	-			
	1/5/2017	10.43	10.44	0.01	-	818.96	818.97			
	12/21/2016	-	10.71	-	-	818.69	-			
	12/7/2016	-	10.69	-	-	818.71	-			
	11/28/2016	-	10.92	-	-	818.48	-			
	11/10/2016	-	11.10	-	-	818.30	-			
	10/31/2016	-	11.05	-	-	818.35	-			
	10/24/2016	-	10.74	-	-	818.66	-			
	10/17/2016	-	10.72	-	-	818.68	-			
	10/9/2016	-	10.70	-	-	818.70	-			
	10/4/2016	-	10.66	-	-	818.74	-			
	9/27/2016	-	10.73	-	-	818.67	-			
	9/19/2016	-	10.61	-	-	818.79	-			
9/12/2016	-	10.50	-	-	818.90	-				
9/9/2016	-	10.33	-	-	819.07	-				
9/6/2016	-	10.15	-	-	819.25	-				
9/2/2016	-	10.12	-	-	819.28	-				
MW-36					858.47					
	3/2/2017	-	21.87	-	-	836.60	-			
	2/2/2017	-	22.40	-	-	836.07	-			
	1/5/2017	-	22.75	-	-	835.72	-			
	12/21/2016	-	22.51	-	-	835.96	-			
	11/28/2016	-	22.00	-	-	836.47	-			
	11/10/2016	-	19.04	-	-	839.43	-			
	10/31/2016	-	18.94	-	-	839.53	-			
	10/24/2016	-	18.69	-	-	839.78	-			
	10/17/2016	-	18.52	-	-	839.95	-			
	10/9/2016	-	18.50	-	-	839.97	-			
	10/4/2016	-	18.44	-	-	840.03	-			
	9/27/2016	-	18.57	-	-	839.90	-			
	9/19/2016	-	18.48	-	-	839.99	-			
	9/12/2016	-	18.36	-	-	840.11	-			
	9/9/2016	-	18.29	-	-	840.18	-			
	9/6/2016	-	18.24	-	-	840.23	-			
	9/2/2016	-	18.18	-	-	840.29	-			
MW-36B					858.15					
	3/2/2017	-	21.55	-	-	836.60	-			
	2/2/2017	-	22.11	-	-	836.04	-			
	1/5/2017	-	22.46	-	-	835.69	-			
	12/21/2016	-	22.23	-	-	835.92	-			
	11/28/2016	-	21.68	-	-	836.47	-			
	11/10/2016	-	18.77	-	-	839.38	-			
	10/31/2016	-	18.70	-	-	839.45	-			
	10/24/2016	-	18.53	-	-	839.62	-			
	10/17/2016	-	18.48	-	-	839.67	-			
	10/9/2016	-	18.44	-	-	839.71	-			
	10/4/2016	-	18.40	-	-	839.75	-			

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)	9/27/2016	-	18.45	-		839.70	-			
	9/19/2016	-	18.33	-		839.82	-			
	9/12/2016	-	18.25	-		839.90	-			
	9/9/2016	-	18.08	-		840.07	-			
	9/6/2016	-	17.92	-		840.23	-			
	9/2/2016	-	17.86	-		840.29	-			
MW-37					813.92					
	3/2/2017	-	3.54	-		810.38	-			
	2/2/2017	-	3.55	-		810.37	-			
	1/5/2017	-	3.60	-		810.32	-			
	12/21/2016	-	3.72	-		810.20	-			
	12/7/2016	-	3.67	-		810.25	-			
	11/28/2016	-	4.01	-		809.91	-			
	11/10/2016	-	4.35	-		809.57	-			
10/31/2016	-	4.22	-		809.70	-				
MW-38					813.28					
	3/30/2017	-	2.07	-		811.21	-			
	3/20/2017	-	1.99	-		811.29	-			
	3/13/2017	-	1.93	-		811.35	-			
	3/2/2017	-	2.00	-		811.28	-			
	2/2/2017	-	2.05	-		811.23	-			
	1/5/2017	-	2.05	-		811.23	-			
	12/21/2016	-	2.25	-		811.03	-			
	12/7/2016	-	2.11	-		811.17	-			
	11/28/2016	-	2.47	-		810.81	-			
	11/10/2016	-	2.58	-		810.70	-			
10/31/2016	-	2.53	-		810.75	-				
MW-39					819.90					
	3/30/2017	-	5.38	-		814.52	-			
	3/27/2017	-	5.42	-		814.48	-			
	3/20/2017	-	5.12	-		814.79	-			
	3/17/2017	-	4.57	-		815.33	-			
	3/16/2017	-	5.25	-		814.65	-			
	3/15/2017	-	4.45	-		815.45	-			
	3/14/2017	-	4.77	-		815.13	-			
	3/13/2017	-	5.09	-		814.82	-			
	3/10/2017	-	4.79	-		815.11	-			
	3/9/2017	-	4.98	-		814.92	-			
	3/8/2017	-	4.61	-		815.29	-			
	3/7/2017	-	4.25	-		815.65	-			
	3/6/2017	-	4.32	-		815.59	-			
	3/2/2017	-	4.99	-		814.91	-			
	2/2/2017	5.15	5.16	0.01		814.74	814.75			
	1/5/2017	5.08	5.10	0.02		814.80	814.81			
12/21/2016	-	5.35	-		814.55	-				
12/7/2016	-	6.31	-		813.59	-				
MW-40					817.79					
	3/30/2017	-	3.24	-		814.55	-			
	3/20/2017	-	2.72	-		815.07	-			
	3/13/2017	-	3.88	-		813.91	-			
	3/2/2017	-	2.91	-		814.88	-			
	2/2/2017	3.15	3.16	0.01		814.63	814.64			
	1/5/2017	3.02	3.03	0.01		814.76	814.77			
	12/21/2016	-	3.14	-		814.65	-			
12/7/2016	-	4.39	-		813.40	-				
MW-41				819.68						

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-41 (cont'd)	3/30/2017	-	4.12	-	-	815.56	-			
	3/27/2017	-	4.16	-	-	815.52	-			
	3/20/2017	-	4.18	-	-	815.51	-			
	3/17/2017	-	4.17	-	-	815.51	-			
	3/16/2017	-	4.25	-	-	815.43	-			
	3/15/2017	-	4.22	-	-	815.46	-			
	3/14/2017	-	4.08	-	-	815.60	-			
	3/13/2017	-	3.70	-	-	815.99	-			
	3/10/2017	-	4.14	-	-	815.54	-			
	3/9/2017	-	4.23	-	-	815.45	-			
	3/8/2017	-	4.23	-	-	815.45	-			
	3/7/2017	-	4.15	-	-	815.53	-			
	3/6/2017	-	4.23	-	-	815.46	-			
	3/2/2017	-	4.30	-	-	815.38	-			
	2/2/2017	-	4.60	-	-	815.08	-			
1/5/2017	4.60	4.61	0.01	-	815.07	815.08				
12/21/2016	-	4.73	-	-	814.95	-				
12/7/2016	-	4.71	-	-	814.97	-				
MW-42					820.33					
	3/30/2017	-	4.65	-	-	815.68	-			
	3/20/2017	-	4.80	-	-	815.53	-			
	3/13/2017	-	4.84	-	-	815.49	-			
	3/2/2017	-	4.91	-	-	815.42	-			
	2/2/2017	5.25	5.26	0.01	-	815.07	815.08			
	1/5/2017	5.24	5.25	0.01	-	815.08	815.09			
	12/21/2016	-	5.31	-	-	815.02	-			
	12/7/2016	-	5.61	-	-	814.72	-			
MW-44					853.67					
	3/13/2017	-	9.61	-	-	844.06	-			
	3/2/2017	-	9.60	-	-	844.07	-			
MW-44B					853.38					
	3/13/2017	-	15.50	-	-	837.88	-			
	3/2/2017	-	15.56	-	-	837.82	-			
MW-45					852.47					
	3/30/2017	-	14.27	-	-	838.20	-			
	3/20/2017	-	14.22	-	-	838.25	-			
	3/13/2017	-	14.16	-	-	838.31	-			
	3/2/2017	-	14.14	-	-	838.33	-			
MW-45B					852.85					
	3/30/2017	-	18.52	-	-	834.33	-			
	3/20/2017	-	19.39	-	-	833.46	-			
	3/13/2017	-	20.23	-	-	832.62	-			
	3/2/2017	-	21.45	-	-	831.40	-			
RS-01					849.13					
	3/31/2017	17.70	18.77	1.07	-	830.36	831.14	3/31/2017	12:15	12:24
	3/27/2017	17.75	18.57	0.82	-	830.56	831.16			
	3/24/2017	17.89	18.45	0.56	-	830.68	831.09			
	3/20/2017	17.93	18.55	0.62	-	830.58	831.03	3/20/2017	12:14	12:24
	3/16/2017	18.82	19.12	0.30	-	830.01	830.23			
	3/13/2017	19.11	19.70	0.59	-	830.63	831.06	3/15/2017	11:13	11:22
	3/6/2017	19.41	19.80	0.39	-	830.53	830.82			
	3/2/2017	19.15	19.65	0.50	-	830.68	831.05	3/3/2017	10:02	10:13
	2/27/2017	19.05	19.77	0.72	-	830.56	831.09	2/27/2017	12:47	12:52
	2/23/2017	19.45	19.82	0.37	-	830.51	830.78			
	2/20/2017	19.05	19.64	0.59	-	830.69	831.12	2/21/2017	9:17	9:28
	2/17/2017	18.92	19.67	0.75	-	830.66	831.21	2/17/2017	12:44	12:51

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
RS-01 (cont'd)	2/9/2017	19.16	19.88	0.72		830.45	830.98	2/9/2017	13:45	14:15
	2/6/2017	19.00	19.95	0.95		830.38	831.08	2/6/2017	10:02	10:15
	2/2/2017	19.42	19.47	0.05		830.86	830.90	2/2/2017	13:35	13:50
	1/30/2017	19.45	20.05	0.60		830.28	830.72	1/30/2017	11:49	12:00
	1/26/2017	19.92	20.42	0.50		829.91	830.28	1/26/2017	9:40	9:51
	1/23/2017	19.90	20.60	0.70		829.73	830.24	1/23/2017	14:07	14:20
	1/19/2017	19.73	21.19	1.46		829.14	830.21	1/19/2017	14:30	14:37
	1/16/2017	19.94	21.10	1.16		829.23	830.08			
	1/12/2017	19.11	22.51	3.40		827.82	830.30	1/12/2017	7:15	7:45
	1/5/2017	19.65	22.55	2.90		827.78	829.90			
	12/30/2016	19.00	23.30	4.30		827.03	830.17	12/30/2016	12:19	12:55
	12/21/2016	18.93	23.15	4.22		827.18	830.26	12/22/2016	16:28	16:38
	12/14/2016	18.96	22.40	3.44		827.93	830.44			
	12/7/2016	18.95	21.71	2.76		828.62	830.64			
	11/10/2016	18.56	19.40	0.84		830.93	831.55	11/10/2016	10:56	11:09
	10/31/2016	17.95	19.10	1.15		831.23	832.07			
	10/24/2016	17.65	18.91	1.26		831.42	832.34	10/24/2016	13:29	13:39
	10/17/2016	16.32	16.48	0.16		833.85	833.97			
	10/9/2016	16.23	16.35	0.12		833.98	834.07			
	10/4/2016	16.10	16.25	0.15		834.08	834.19			
	9/27/2016	16.05	16.22	0.17		834.11	834.24			
	9/19/2016	15.90	16.15	0.25		834.18	834.37			
	9/12/2016	15.85	16.10	0.25		834.23	834.42			
9/9/2016	15.28	15.37	0.09		834.96	835.03				
9/6/2016	15.20	15.32	0.12		835.01	835.10				
9/2/2016	15.12	15.29	0.17		835.04	835.17				
RS-02					849.52					
	3/31/2017	17.21	17.65	0.44		831.87	832.19			
	3/27/2017	17.21	17.64	0.43		831.88	832.19			
	3/24/2017	17.23	17.60	0.37		831.92	832.19			
	3/20/2017	17.28	17.55	0.27		831.97	832.17			
	3/16/2017	17.60	17.77	0.17		831.75	831.87			
	3/13/2017	17.73	18.31	0.58		831.79	832.22	3/15/2017	11:30	11:37
	3/6/2017	17.84	18.20	0.36		831.90	832.16			
	3/2/2017	17.80	18.07	0.27		832.03	832.23			
	2/27/2017	17.62	18.17	0.55		831.93	832.33	2/27/2017	12:53	13:02
	2/23/2017	17.53	17.91	0.38		832.19	832.47			
	2/20/2017	17.55	17.84	0.29		832.26	832.47			
	2/17/2017	17.35	17.89	0.54		832.21	832.61	2/17/2017	13:07	13:14
	2/9/2017	17.77	18.10	0.33		832.00	832.24			
	2/6/2017	17.72	18.30	0.58		831.80	832.23	2/6/2017	9:52	10:00
	2/2/2017	17.75	18.20	0.45		831.90	832.23			
	1/30/2017	17.80	18.15	0.35		831.95	832.21			
	1/26/2017	18.10	18.35	0.25		831.75	831.93			
	1/23/2017	18.35	18.60	0.25		831.50	831.68			
	1/19/2017	18.55	NO WATER	1.45		-	-	1/19/2017	14:15	14:25
	1/16/2017	18.58	NO WATER	1.42		-	-			
	1/12/2017	18.26	19.84	1.58		830.26	831.42	1/12/2017	7:49	8:19
	1/5/2017	18.50	NO WATER	1.50		-	-			
	12/30/2016	18.10	19.90	1.80		830.20	831.52	12/30/2016	13:53	14:03
	12/21/2016	17.98	NO WATER	2.02		-	-	12/22/2016	15:58	16:07
	12/14/2016	17.78	19.68	1.90		830.42	831.81	12/14/2016	15:29	15:39
	12/7/2016	17.71	19.62	1.91		830.48	831.88			
	11/10/2016	17.15	18.41	1.26		831.69	832.61	11/10/2016	10:44	10:55
	10/31/2016	16.60	17.95	1.35		832.15	833.14			
	10/24/2016	16.35	17.56	1.21		832.54	833.43	10/24/2016	13:22	13:29

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-02 (cont'd)	10/17/2016	14.86	15.12	0.26		834.98	835.17			
	10/9/2016	15.05	15.28	0.23		834.82	834.99			
	10/4/2016	14.80	14.97	0.17		835.13	835.26			
	9/27/2016	14.83	14.95	0.12		835.15	835.24			
	9/19/2016	14.74	14.85	0.11		835.25	835.33			
	9/12/2016	14.70	14.90	0.20		835.20	835.35			
	9/9/2016	14.14	14.30	0.16		835.80	835.92			
	9/6/2016	13.93	14.10	0.17		836.00	836.13			
	9/2/2016	13.88	14.01	0.13		836.09	836.19			
RS-04					851.44					
	3/31/2017	9.57	9.58	0.01		841.89	841.90			
	3/27/2017	9.64	9.99	0.35		841.48	841.74			
	3/24/2017	9.68	9.70	0.02		841.77	841.78			
	3/20/2017	9.75	NO WATER	0.50		-	-			
	3/16/2017	9.74	9.75	0.01		841.72	841.73			
	3/13/2017	9.70	9.77	0.07		841.67	841.72			
	3/6/2017	-	9.75	-		841.69	-			
	3/2/2017	-	9.77	-		841.67	-			
	2/27/2017	9.74	9.75	0.01		841.69	841.70			
	2/23/2017	9.72	9.73	0.01		841.71	841.72			
	2/20/2017	9.72	9.73	0.01		841.71	841.72			
	2/17/2017	9.72	9.73	0.01		841.71	841.72			
	2/9/2017	9.06	9.07	0.01		842.37	842.38			
	2/6/2017	9.78	9.79	0.01		841.65	841.66			
	2/2/2017	9.79	9.80	0.01		841.64	841.65			
	1/30/2017	9.73	9.74	0.01		841.70	841.71			
	1/26/2017	9.72	9.73	0.01		841.71	841.72			
	1/23/2017	8.51	8.52	0.01		842.92	842.93			
	1/19/2017	9.78	9.79	0.01		841.65	841.66	1/19/2017	15:07	15:17
	1/16/2017	9.73	9.74	0.01		841.70	841.71			
	1/12/2017	-	9.66	-		841.78	-	1/12/2017	13:30	14:00
	1/5/2017	9.75	9.77	0.02		841.67	841.69			
	12/30/2016	-	9.70	-		841.74	-			
	12/21/2016	9.72	9.73	0.01		841.71	841.72			
	12/14/2016	9.71	9.73	0.02		841.71	841.73			
	12/7/2016	9.68	NO WATER	0.57		-	-			
	11/10/2016	-	10.12	-		841.32	-			
	10/31/2016	-	10.10	-		841.34	-			
	10/24/2016	-	9.73	-		841.71	-			
10/17/2016	-	10.32	-		841.12	-				
10/9/2016	-	10.40	-		841.04	-				
10/4/2016	-	10.36	-		841.08	-				
9/27/2016	-	10.30	-		841.14	-				
9/19/2016	-	10.28	-		841.16	-				
9/12/2016	-	10.23	-		841.21	-				
9/9/2016	-	10.15	-		841.29	-				
9/6/2016	-	10.04	-		841.40	-				
	9/2/2016	-	10.00	-		841.44	-			
RS-05					848.31					
	3/31/2017	16.85	18.06	1.21		830.25	831.13	3/31/2017	12:30	12:38
	3/27/2017	16.92	17.87	0.95		830.44	831.13			
	3/24/2017	17.06	17.80	0.74		830.51	831.05			
	3/20/2017	17.14	17.81	0.67		830.50	830.99	3/20/2017	12:01	12:12
	3/16/2017	17.50	17.83	0.33		830.48	830.72			
	3/13/2017	17.25	18.15	0.90		830.40	831.05	3/15/2017	11:01	11:12
3/6/2017	17.55	18.05	0.50		830.50	830.86	3/6/2017	11:10	11:30	

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)	3/2/2017	17.38	18.01	0.63		830.54	831.00	3/3/2017	9:51	10:01
	2/27/2017	17.50	18.05	0.55		830.50	830.90	2/27/2017	12:35	12:45
	2/23/2017	17.44	18.03	0.59		830.52	830.95	2/24/2017	9:33	9:42
	2/20/2017	17.30	18.07	0.77		830.48	831.04	2/21/2017	9:03	9:15
	2/17/2017	17.27	18.07	0.80		830.48	831.06	2/17/2017	12:25	12:34
	2/9/2017	17.48	18.23	0.75		830.32	830.86	2/9/2017	13:20	13:32
	2/6/2017	17.45	18.17	0.72		830.38	830.90	2/6/2017	10:20	10:31
	2/2/2017	17.68	18.40	0.72		830.15	830.67	2/2/2017	13:15	13:30
	1/30/2017	17.70	18.60	0.90		829.95	830.60	1/30/2017	11:07	11:15
	1/26/2017	18.00	18.59	0.59		829.96	830.39			
	1/23/2017	18.06	18.78	0.72		829.77	830.29	1/23/2017	13:15	13:25
	1/19/2017	17.97	19.55	1.58		829.00	830.15	1/19/2017	15:19	15:29
	1/16/2017	18.07	19.40	1.33		829.15	830.12	1/16/2017	13:16	13:21
	1/12/2017	17.40	20.71	3.31		827.84	830.25	1/12/2017	8:22	8:52
	1/5/2017	17.75	20.67	2.92		827.88	830.01			
	12/30/2016	17.50	21.10	3.60		827.45	830.08	12/30/2016	12:36	12:45
	12/21/2016	17.43	20.70	3.27		827.85	830.23	12/22/2016	16:08	16:16
	12/14/2016	17.44	20.43	2.99		828.12	830.30	12/14/2016	14:39	14:49
	12/7/2016	17.24	19.88	2.64		828.67	830.59			
	11/10/2016	16.75	17.68	0.93		830.87	831.55	11/10/2016	11:12	11:14
	10/31/2016	16.20	17.60	1.40		830.95	831.97			
	10/24/2016	16.15	16.80	0.65		831.75	832.22	10/24/2016	13:13	13:22
	10/17/2016	14.25	14.50	0.25		834.05	834.23			
	10/9/2016	14.20	14.47	0.27		834.08	834.27			
	10/4/2016	14.22	14.44	0.22		834.11	834.27			
	9/27/2016	14.20	14.36	0.16		834.19	834.30			
	9/19/2016	14.13	14.28	0.15		834.27	834.38			
	9/12/2016	14.10	14.25	0.15		834.30	834.41			
	9/9/2016	13.46	13.77	0.31		834.78	835.00			
	9/6/2016	13.39	13.63	0.24		834.92	835.09			
9/2/2016	13.34	13.51	0.17		835.04	835.16				
RS-06					849.47					
	3/31/2017	17.41	17.92	0.51		831.55	831.92	3/31/2017	12:40	12:49
	3/27/2017	17.45	17.93	0.48		831.54	831.89			
	3/24/2017	17.54	17.97	0.43		831.50	831.81			
	3/20/2017	17.60	18.11	0.51		831.36	831.73	3/20/2017	12:37	12:45
	3/16/2017	17.60	18.35	0.75		831.12	831.67	3/17/2017	8:33	8:41
	3/13/2017	18.76	19.32	0.56		831.41	831.81			
	3/6/2017	18.95	19.30	0.35		831.43	831.68			
	3/2/2017	18.82	19.33	0.51		831.40	831.77	3/3/2017	10:15	10:25
	2/27/2017	18.80	19.42	0.62		831.31	831.76	2/27/2017	13:05	13:15
	2/23/2017	18.83	19.30	0.47		831.43	831.77			
	2/20/2017	18.80	19.31	0.51		831.42	831.79	2/21/2017	9:30	9:37
	2/17/2017	18.78	19.32	0.54		831.41	831.80	2/17/2017	12:55	13:05
	2/9/2017	18.97	19.52	0.55		831.21	831.61	2/9/2017	13:35	13:41
	2/6/2017	18.95	19.51	0.56		831.22	831.62	2/6/2017	9:41	9:50
	2/2/2017	19.13	19.59	0.46		831.14	831.47			
	1/30/2017	19.20	19.70	0.50		831.03	831.39	1/30/2017	11:32	11:48
	1/26/2017	19.42	19.95	0.53		830.78	831.16	1/26/2017	10:15	10:25
	1/23/2017	19.45	20.08	0.63		830.65	831.11	1/23/2017	13:55	14:05
	1/19/2017	19.53	20.35	0.82		830.38	830.97	1/19/2017	15:31	15:41
1/16/2017	19.56	20.27	0.71		830.46	830.97				
1/12/2017	19.15	20.91	1.76		829.82	831.10	1/12/2017	8:56	9:26	
1/5/2017	19.35	21.00	1.65		829.73	830.93				
12/30/2016	19.20	21.00	1.80		829.73	831.04	12/30/2016	12:08	12:16	
12/21/2016	19.10	20.65	1.55		830.08	831.21	12/22/2016	15:47	15:57	

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-06 (cont'd)	12/14/2016	18.97	20.39	1.42		830.34	831.37	12/14/2016	15:04	15:14
	12/7/2016	18.83	20.08	1.25		830.65	831.56			
	11/10/2016	17.96	18.73	0.77		832.00	832.56			
	10/31/2016	17.60	18.15	0.55		832.58	832.98			
	10/24/2016	17.35	17.74	0.39		832.99	833.27			
	10/17/2016	15.48	15.64	0.16		835.09	835.20			
	10/9/2016	15.44	15.60	0.16		835.13	835.24			
	10/4/2016	15.40	15.58	0.18		835.15	835.28			
	9/27/2016	15.46	15.60	0.14		835.13	835.23			
	9/19/2016	15.38	15.54	0.16		835.19	835.30			
	9/12/2016	15.34	15.50	0.16		835.23	835.34			
	9/9/2016	15.15	15.36	0.21		835.37	835.52			
	9/6/2016	14.68	14.74	0.06		835.99	836.03			
	9/2/2016	14.60	14.68	0.08		836.05	836.10			
RS-07					855.08					
	3/31/2017	14.78	14.84	0.06		840.24	840.29			
	3/27/2017	14.99	15.06	0.07		840.02	840.07			
	3/24/2017	15.03	15.08	0.05		840.00	840.04			
	3/20/2017	15.17	15.18	0.01		839.90	839.91			
	3/16/2017	15.12	15.14	0.02		839.94	839.96			
	3/13/2017	16.12	16.14	0.02		839.90	839.92			
	3/6/2017	16.21	16.22	0.01		839.82	839.83			
	3/2/2017	16.21	16.23	0.02		839.81	839.83			
	2/27/2017	16.26	16.29	0.03		839.75	839.78			
	2/23/2017	16.32	16.35	0.03		839.69	839.72			
	2/20/2017	16.32	16.33	0.01		839.71	839.72			
	2/17/2017	16.32	16.33	0.01		839.71	839.72			
	2/9/2017	16.09	16.10	0.01		839.94	839.95			
	2/6/2017	16.36	16.37	0.01		839.67	839.68			
	2/2/2017	16.36	16.37	0.01		839.67	839.68			
	1/30/2017	16.32	16.33	0.01		839.71	839.72			
	1/26/2017	16.37	16.38	0.01		839.66	839.67			
	1/23/2017	16.36	16.37	0.01		839.67	839.68			
	1/19/2017	16.41	16.42	0.01		839.62	839.63			
	1/16/2017	16.40	16.41	0.01		839.63	839.64			
	1/12/2017	-	16.33	-		839.71	-			
	1/5/2017	16.35	16.36	0.01		839.68	839.69			
	12/30/2016	16.30	NO WATER	0.35		-	-			
	12/21/2016	16.38	NO WATER	0.27		-	-			
	12/14/2016	16.32	16.78	0.46		839.26	839.60			
	12/7/2016	16.36	16.78	0.42		839.26	839.57			
	11/10/2016	-	16.78	-		839.26	-			
	10/31/2016	-	16.78	-		839.26	-			
	10/24/2016	16.10	16.78	0.68		839.26	839.76			
	10/17/2016	15.94	16.34	0.40		839.70	840.00	10/17/2016	14:42	14:48
	10/9/2016	15.76	16.25	0.49		839.79	840.15			
	10/4/2016	15.81	16.30	0.49		839.74	840.10			
	9/27/2016	15.78	16.11	0.33		839.93	840.17			
	9/19/2016	15.66	15.84	0.18		840.20	840.33	9/12/2016	12:49	12:55
	9/12/2016	15.35	15.80	0.45		840.24	840.57			
	9/9/2016	15.33	15.80	0.47		840.24	840.59			
	9/6/2016	15.21	15.48	0.27		840.56	840.76			
	9/2/2016	15.15	15.47	0.32		840.57	840.81			
RS-08					854.00					
	3/31/2017	15.53	16.33	0.80		837.67	838.25			
	3/27/2017	15.62	16.32	0.70		837.68	838.19			

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-08 (cont'd)	3/24/2017	15.65	16.30	0.65		837.70	838.17			
	3/20/2017	15.80	16.25	0.45		837.75	838.08			
	3/16/2017	16.05	16.25	0.20		837.75	837.90	3/17/2017	7:48	7:55
	3/13/2017	16.83	17.30	0.47		837.61	837.95	3/15/2017	8:02	8:12
	3/6/2017	16.91	17.43	0.52		837.48	837.86	3/6/2017	12:02	12:25
	3/2/2017	16.93	17.57	0.64		837.34	837.80	3/3/2017	8:42	8:56
	2/27/2017	16.95	17.62	0.67		837.29	837.78	2/27/2017	13:51	14:00
	2/23/2017	16.95	17.65	0.70		837.26	837.77	2/24/2017	11:30	11:41
	2/20/2017	16.96	17.74	0.78		837.17	837.74	2/21/2017	13:49	14:00
	2/17/2017	16.94	17.95	1.01		836.96	837.69	2/17/2017	11:12	11:20
	2/9/2017	17.17	18.30	1.13		836.61	837.43	2/9/2017	11:25	12:00
	2/6/2017	17.11	18.45	1.34		836.46	837.43	2/6/2017	11:32	11:41
	2/2/2017	17.14	18.51	1.37		836.40	837.40	2/2/2017	9:40	9:55
	1/30/2017	17.15	18.76	1.61		836.15	837.32	1/30/2017	9:15	9:35
	1/26/2017	17.33	18.94	1.61		835.97	837.14			
	1/23/2017	17.40	19.19	1.79		835.72	837.02	1/23/2017	12:10	12:20
	1/19/2017	17.58	19.45	1.87		835.46	836.82	1/19/2017	12:05	12:15
	1/16/2017	17.45	NO WATER	2.77		-	-	1/16/2017	12:20	12:29
	1/12/2017	17.40	NO WATER	2.82		-	-			
	1/5/2017	17.68	NO WATER	2.54		-	-			
	12/30/2016	17.70	19.90	2.20		835.01	836.61	12/30/2016	10:55	11:05
	12/21/2016	17.61	19.68	2.07		835.23	836.74	12/22/2016	17:46	17:55
	12/14/2016	17.55	19.65	2.10		835.26	836.79			
	12/7/2016	17.35	19.69	2.34		835.22	836.92	12/9/2016	14:45	15:20
	11/10/2016	16.86	18.89	2.03		836.02	837.50	11/10/2016	10:30	10:40
	10/31/2016	16.60	18.43	1.83		836.48	837.81			
	10/24/2016	16.50	18.00	1.50		836.91	838.00	10/24/2016	13:50	13:59
	10/17/2016	16.30	17.69	1.39		837.22	838.23	10/17/2016	14:48	14:58
	10/9/2016	16.22	17.57	1.35		837.34	838.32			
	10/4/2016	16.11	16.75	0.64		838.16	838.62			
	9/27/2016	15.80	16.85	1.05		838.06	838.82	9/27/2016	11:35	11:43
	9/19/2016	18.65	19.25	0.60		835.66	836.09			
	9/12/2016	15.40	15.88	0.48		839.03	839.38	9/12/2016	12:55	13:01
9/9/2016	15.30	15.75	0.45		839.16	839.48				
9/6/2016	15.08	15.39	0.31		839.52	839.74				
9/2/2016	15.02	15.35	0.33		839.56	839.80				
RS-09					847.60					
	3/31/2017	16.93	17.18	0.25		830.42	830.60			
	3/27/2017	16.93	17.15	0.22		830.45	830.61			
	3/24/2017	16.92	17.15	0.23		830.45	830.62			
	3/20/2017	16.97	17.20	0.23		830.40	830.57			
	3/16/2017	16.98	17.21	0.23		830.39	830.56			
	3/13/2017	18.47	18.72	0.25		830.40	830.58			
	3/6/2017	18.47	18.69	0.22		830.43	830.59			
	3/2/2017	18.45	NO WATER	0.40		-	-			
	2/27/2017	18.48	NO WATER	0.37		-	-			
	2/23/2017	18.40	NO WATER	0.45		-	-			
	2/20/2017	18.41	18.75	0.34		830.37	830.62			
	2/17/2017	18.40	NO WATER	0.45		-	-			
	2/9/2017	18.38	NO WATER	0.47		-	-			
	2/6/2017	18.45	NO WATER	0.40		-	-			
	2/2/2017	18.49	NO WATER	0.36		-	-			
	1/30/2017	18.48	NO WATER	0.37		-	-			
	1/26/2017	18.50	NO WATER	0.35		-	-			
1/23/2017	18.01	18.51	0.50		830.61	830.97	1/23/2017	13:45	13:50	
1/19/2017	18.50	18.51	0.01		830.61	830.62				

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-09 (cont'd)	1/16/2017	18.50	18.51	0.01		830.61	830.62	1/16/2017	13:42	13:49
	1/12/2017	-	18.37	-		830.75	-			
	1/5/2017	18.49	18.50	0.01		830.62	830.63			
	12/30/2016	-	18.40	-		830.72	-			
	12/21/2016	-	18.48	-		830.64	-			
	12/14/2016	18.49	18.50	0.01		830.62	830.63			
	12/7/2016	-	18.43	-		830.69	-			
	11/10/2016	18.13	18.48	0.35		830.64	830.90			
	10/31/2016	18.05	18.45	0.40		830.67	830.96			
	10/24/2016	17.80	18.16	0.36		830.96	831.22	10/24/2016	12:52	12:59
	10/17/2016	15.33	15.59	0.26		833.53	833.72			
	10/9/2016	15.36	15.50	0.14		833.62	833.72			
	10/4/2016	15.25	15.57	0.32		833.55	833.78			
	9/27/2016	15.22	15.54	0.32		833.58	833.81			
	9/19/2016	15.33	15.37	0.04		833.75	833.78			
	9/12/2016	15.28	15.46	0.18		833.66	833.79			
9/9/2016	15.16	15.38	0.22		833.74	833.90				
9/6/2016	15.10	15.31	0.21		833.81	833.96				
9/2/2016	15.05	15.20	0.15		833.92	834.03				
RS-10					847.42					
	3/31/2017	15.65	16.30	0.65		831.12	831.59	3/31/2017	11:31	11:40
	3/27/2017	15.90	16.46	0.56		830.96	831.37			
	3/24/2017	15.97	16.40	0.43		831.02	831.33			
	3/20/2017	16.00	16.65	0.65		830.77	831.24	3/20/2017	11:35	11:44
	3/16/2017	16.14	16.64	0.50		830.78	831.15			
	3/13/2017	16.05	16.41	0.36		831.11	831.38			
	3/6/2017	16.18	16.53	0.35		830.99	831.25			
	3/2/2017	15.99	16.55	0.56		830.97	831.38	3/3/2017	9:21	9:29
	2/27/2017	16.10	16.53	0.43		830.99	831.31			
	2/23/2017	15.92	16.50	0.58		831.02	831.45	2/24/2017	9:21	9:31
	2/20/2017	16.05	16.44	0.39		831.08	831.37			
	2/17/2017	15.85	16.64	0.79		830.88	831.46			
	2/9/2017	15.80	16.25	0.45		831.27	831.60			
	2/6/2017	16.11	16.70	0.59		830.82	831.25	2/6/2017	11:07	11:18
	2/2/2017	16.25	16.60	0.35		830.92	831.18			
	1/30/2017	16.25	16.80	0.55		830.72	831.13	1/30/2017	11:17	11:30
	1/26/2017	16.48	16.83	0.35		830.69	830.95			
	1/23/2017	16.13	16.54	0.41		830.98	831.28	1/23/2017	14:47	14:56
	1/19/2017	16.80	17.35	0.55		830.17	830.58			
	1/16/2017	16.84	17.20	0.36		830.32	830.59	1/16/2017	14:00	14:10
	1/12/2017	16.12	18.61	2.49		828.91	830.73	1/12/2017	9:30	10:00
	1/5/2017	16.40	18.70	2.30		828.82	830.50			
	12/30/2016	15.30	19.60	4.30		827.92	831.06	12/30/2016	14:44	14:54
	12/21/2016	16.20	19.08	2.88		828.44	830.55	12/22/2016	15:02	15:12
	12/14/2016	16.07	18.79	2.72		828.73	830.72	12/14/2016	14:03	14:13
	12/7/2016	15.92	18.13	2.21		829.39	831.01			
	11/10/2016	15.20	16.44	1.24		831.08	831.99			
	10/31/2016	15.16	16.30	1.14		831.22	832.06			
	10/24/2016	14.50	16.30	1.80		831.22	832.54	10/24/2016	12:45	12:52
	10/17/2016	13.23	13.64	0.41		833.88	834.18			
	10/9/2016	13.15	13.24	0.09		834.28	834.35			
	10/4/2016	13.10	13.49	0.39		834.03	834.32			
	9/27/2016	13.00	13.40	0.40		834.12	834.42			
	9/19/2016	13.03	13.45	0.42		834.07	834.38			
	9/12/2016	12.66	12.99	0.33		834.53	834.77			
	9/9/2016	12.60	12.93	0.33		834.59	834.83			

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-10 (cont'd)	9/6/2016	12.30	12.80	0.50		834.72	835.09			
	9/2/2016	12.23	12.65	0.42		834.87	835.18	9/2/2016	15:13	15:21
RS-11					847.44					
	3/31/2017	15.36	15.77	0.41		831.67	831.97			
	3/27/2017	15.40	15.90	0.50		831.54	831.91			
	3/24/2017	15.46	15.86	0.40		831.58	831.87			
	3/20/2017	15.58	15.94	0.36		831.50	831.76			
	3/16/2017	15.62	16.09	0.47		831.35	831.69			
	3/13/2017	16.47	16.92	0.45		831.49	831.82			
	3/6/2017	16.54	16.94	0.40		831.47	831.76			
	3/2/2017	16.43	16.82	0.39		831.59	831.88			
	2/27/2017	16.50	16.90	0.40		831.51	831.80			
	2/23/2017	16.50	16.85	0.35		831.56	831.82			
	2/20/2017	16.43	16.94	0.51		831.47	831.84	2/21/2017	8:15	8:29
	2/17/2017	16.46	16.92	0.46		831.49	831.83			
	2/9/2017	16.70	17.13	0.43		831.28	831.60			
	2/6/2017	16.65	17.10	0.45		831.31	831.64	2/6/2017	10:55	11:05
	2/2/2017	16.73	17.75	1.02		830.66	831.41			
	1/30/2017	16.80	17.20	0.40		831.21	831.50			
	1/26/2017	17.04	17.38	0.34		831.03	831.28			
	1/23/2017	17.15	17.54	0.39		830.87	831.16	1/23/2017	14:33	14:37
	1/19/2017	17.27	17.70	0.43		830.71	831.03			
	1/16/2017	17.28	17.65	0.37		830.76	831.03	1/16/2017	14:20	14:30
	1/12/2017	17.00	17.26	0.26		831.15	831.34	1/12/2017	11:02	11:32
	1/5/2017	17.22	18.03	0.81		830.38	830.97			
	12/30/2016	17.10	18.00	0.90		830.41	831.07	12/30/2016	11:55	12:05
	12/21/2016	17.04	17.87	0.83		830.54	831.15	12/22/2016	14:51	15:00
	12/14/2016	16.82	17.60	0.78		830.81	831.38	12/14/2016	14:14	14:24
	12/7/2016	16.64	17.31	0.67		831.10	831.59			
	11/10/2016	15.46	15.90	0.44		832.51	832.83			
	10/31/2016	15.40	15.84	0.44		832.57	832.89			
	10/24/2016	14.68	15.12	0.44		833.29	833.61			
	10/17/2016	13.56	13.83	0.27		834.58	834.78			
	10/9/2016	13.46	13.82	0.36		834.59	834.85			
	10/4/2016	13.45	13.72	0.27		834.69	834.89			
	9/27/2016	13.40	13.68	0.28		834.73	834.94			
	9/19/2016	13.35	13.60	0.25		834.81	834.99			
	9/12/2016	-	13.07	-		835.34	-			
	9/9/2016	12.90	13.08	0.18		835.33	835.46			
	9/6/2016	12.61	12.85	0.24		835.56	835.74			
	9/2/2016	12.57	12.78	0.21		835.63	835.78			
RS-12					847.74					
	3/31/2017	15.65	16.05	0.40		831.69	831.98			
	3/27/2017	15.68	16.07	0.39		831.67	831.95			
	3/24/2017	15.75	16.15	0.40		831.59	831.88			
	3/20/2017	15.86	16.20	0.34		831.54	831.79			
	3/16/2017	15.90	16.38	0.48		831.36	831.71	3/17/2017	9:07	9:17
	3/13/2017	16.92	17.40	0.48		831.47	831.82			
	3/6/2017	16.98	17.40	0.42		831.47	831.78			
	3/2/2017	16.90	17.30	0.40		831.57	831.86			
	2/27/2017	16.96	17.36	0.40		831.51	831.80			
	2/23/2017	16.98	17.30	0.32		831.57	831.80			
	2/20/2017	16.90	17.41	0.51		831.46	831.83	2/21/2017	8:31	8:35
	2/17/2017	16.90	17.36	0.46		831.51	831.85			
	2/9/2017	17.15	17.58	0.43		831.29	831.60			
	2/6/2017	17.10	17.55	0.45		831.32	831.65			

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-12 (cont'd)	2/2/2017	17.15	17.60	0.45		831.27	831.60			
	1/30/2017	17.27	17.64	0.37		831.23	831.50			
	1/26/2017	17.46	17.82	0.36		831.05	831.31			
	1/23/2017	17.60	17.97	0.37		830.90	831.17			
	1/19/2017	17.73	18.20	0.47		830.67	831.01			
	1/16/2017	17.74	18.10	0.36		830.77	831.03			
	1/12/2017	17.45	18.20	0.75		830.67	831.22			
	1/5/2017	17.70	18.50	0.80		830.37	830.95			
	12/30/2016	17.60	18.50	0.90		830.37	831.03			
	12/21/2016	17.50	18.32	0.82		830.55	831.15	12/22/2016	14:41	14:50
	12/14/2016	17.26	18.04	0.78		830.83	831.40	12/14/2016	14:24	14:34
	12/7/2016	17.11	17.80	0.69		831.07	831.57	12/9/2016	15:20	15:40
	11/10/2016	16.03	16.56	0.53		832.31	832.70			
	10/31/2016	15.90	16.30	0.40		832.57	832.86			
	10/24/2016	15.10	15.51	0.41		833.36	833.66			
	10/17/2016	13.63	13.94	0.31		834.93	835.16			
	10/9/2016	13.57	13.88	0.31		834.99	835.22			
	10/4/2016	13.57	13.83	0.26		835.04	835.23			
	9/27/2016	13.61	13.88	0.27		834.99	835.19			
	9/19/2016	13.57	13.81	0.24		835.06	835.24			
9/12/2016	13.53	13.74	0.21		835.13	835.28				
9/9/2016	13.05	13.26	0.21		835.61	835.76				
9/6/2016	12.92	13.15	0.23		835.72	835.89				
9/2/2016	12.91	13.13	0.22		835.74	835.90				
RS-13					846.61					
	3/31/2017	16.65	16.71	0.06		829.90	829.94			
	3/27/2017	16.59	16.69	0.10		829.92	829.99			
	3/24/2017	16.56	16.66	0.10		829.95	830.02			
	3/20/2017	16.51	16.60	0.09		830.01	830.08			
	3/16/2017	16.43	16.47	0.04		830.14	830.17			
	3/13/2017	18.23	18.31	0.08		829.97	830.03			
	3/6/2017	18.30	18.42	0.12		829.86	829.95			
	3/2/2017	18.14	18.25	0.11		830.03	830.11			
	2/27/2017	18.10	18.23	0.13		830.05	830.15			
	2/23/2017	17.91	18.04	0.13		830.24	830.34			
	2/20/2017	17.85	18.00	0.15		830.28	830.39			
	2/17/2017	17.76	17.87	0.11		830.41	830.49			
	2/9/2017	17.86	17.96	0.10		830.32	830.39			
	2/6/2017	17.45	17.55	0.10		830.73	830.80			
	2/2/2017	18.11	18.31	0.20		829.97	830.12			
	1/30/2017	17.97	18.10	0.13		830.18	830.28			
	1/26/2017	17.77	17.87	0.10		830.41	830.48			
	1/23/2017	17.74	17.80	0.06		830.48	830.53	1/23/2017	14:39	14:44
	1/19/2017	19.05	19.20	0.15		829.08	829.19			
	1/16/2017	18.90	19.08	0.18		829.20	829.33	1/16/2017	14:35	14:45
	1/12/2017	18.65	18.77	0.12		829.51	829.60	1/12/2017	12:45	13:15
	1/5/2017	18.70	18.89	0.19		829.39	829.53			
	12/30/2016	-	19.60	-		828.68	-			
	12/21/2016	19.72	19.73	0.01		828.55	828.56			
	12/14/2016	19.64	19.72	0.08		828.56	828.62			
	12/7/2016	19.45	19.65	0.20		828.63	828.78			
	11/10/2016	16.70	17.36	0.66		830.92	831.40			
	10/31/2016	16.89	17.40	0.51		830.88	831.25			
	10/24/2016	16.72	17.33	0.61		830.95	831.40			
	10/17/2016	15.92	16.36	0.44		831.92	832.24			
	10/9/2016	15.73	16.24	0.51		832.04	832.41			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-13 (cont'd)	10/4/2016	15.80	16.18	0.38		832.10	832.38			
	9/27/2016	15.86	16.08	0.22		832.20	832.36			
	9/19/2016	15.76	15.91	0.15		832.37	832.48			
	9/12/2016	15.70	15.88	0.18		832.40	832.53			
	9/9/2016	15.64	15.78	0.14		832.50	832.60			
	9/6/2016	15.55	15.76	0.21		832.52	832.67			
	9/2/2016	15.59	15.83	0.24		832.45	832.63			
RS-14					845.97					
	3/31/2017	12.70	12.90	0.20		833.07	833.22			
	3/27/2017	13.80	14.12	0.32		831.85	832.08			
	3/24/2017	13.75	14.06	0.31		831.91	832.14			
	3/20/2017	13.66	13.92	0.26		832.05	832.24			
	3/16/2017	13.63	13.87	0.24		832.10	832.28			
	3/13/2017	14.63	14.88	0.25		832.04	832.22			
	3/6/2017	14.60	14.85	0.25		832.07	832.25			
	3/2/2017	14.30	14.60	0.30		832.32	832.54			
	2/27/2017	14.15	14.50	0.35		832.42	832.67			
	2/23/2017	13.77	14.08	0.31		832.84	833.07			
	2/20/2017	13.45	13.75	0.30		833.17	833.39			
	2/17/2017	12.96	13.26	0.30		833.66	833.88			
	2/9/2017	10.80	11.03	0.23		835.89	836.06			
	2/6/2017	13.94	14.22	0.28		832.70	832.90			
	2/2/2017	13.67	13.98	0.31		832.94	833.17			
	1/30/2017	13.03	13.32	0.29		833.60	833.81			
	1/26/2017	11.20	11.60	0.40		835.32	835.61			
	1/23/2017	8.82	9.10	0.28		837.82	838.02			
	1/19/2017	15.15	15.55	0.40		831.37	831.66			
	1/16/2017	14.80	15.21	0.41		831.71	832.01			
	1/12/2017	14.08	14.42	0.34		832.50	832.75	1/12/2017	11:34	12:04
	1/5/2017	13.70	14.11	0.41		832.81	833.11			
	12/30/2016	17.10	17.60	0.50		829.32	829.68			
	12/21/2016	16.90	17.35	0.45		829.57	829.90			
	12/14/2016	16.64	17.04	0.40		829.88	830.17			
	12/7/2016	16.47	16.75	0.28		830.17	830.37			
	11/10/2016	15.44	15.68	0.24		831.24	831.41			
	10/31/2016	15.35	15.60	0.25		831.32	831.50			
	10/24/2016	15.15	15.40	0.25		831.52	831.70			
	10/17/2016	13.46	13.79	0.33		833.13	833.37			
	10/9/2016	13.33	13.56	0.23		833.36	833.53			
	10/4/2016	13.40	13.65	0.25		833.27	833.45			
	9/27/2016	13.34	13.58	0.24		833.34	833.51			
	9/19/2016	13.23	13.39	0.16		833.53	833.65			
	9/12/2016	13.15	13.33	0.18		833.59	833.72			
	9/9/2016	13.05	13.28	0.23		833.64	833.81			
	9/6/2016	12.05	12.12	0.07		834.80	834.85			
	9/2/2016	12.01	12.07	0.06		834.85	834.89			
RS-15					846.41					
	3/31/2017	12.94	13.04	0.10		833.37	833.44			
	3/27/2017	13.10	13.28	0.18		833.13	833.26			
	3/24/2017	13.10	13.26	0.16		833.15	833.27			
	3/20/2017	13.07	13.19	0.12		833.22	833.31			
	3/16/2017	13.12	13.30	0.18		833.11	833.24			
	3/13/2017	15.67	15.84	0.17		833.13	833.26			
	3/6/2017	15.47	15.67	0.20		833.30	833.45			
	3/2/2017	15.25	15.44	0.19		833.53	833.67			
	2/27/2017	15.20	15.40	0.20		833.57	833.72			

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-15 (cont'd)	2/23/2017	14.92	15.11	0.19		833.86	834.00			
	2/20/2017	14.82	15.02	0.20		833.95	834.10			
	2/17/2017	14.69	14.88	0.19		834.09	834.23			
	2/9/2017	14.22	14.35	0.13		834.62	834.72			
	2/6/2017	15.16	15.36	0.20		833.61	833.76			
	2/2/2017	15.03	15.25	0.22		833.72	833.88			
	1/30/2017	14.82	15.03	0.21		833.94	834.10			
	1/26/2017	14.37	14.77	0.40		834.20	834.50			
	1/23/2017	13.48	13.67	0.19		835.30	835.44			
	1/19/2017	16.50	16.73	0.23		832.24	832.41			
	1/16/2017	16.43	16.68	0.25		832.29	832.48			
	1/12/2017	16.30	16.45	0.15		832.52	832.63			
	1/5/2017	16.73	16.95	0.22		832.02	832.18			
	12/30/2016	18.40	18.80	0.40		830.17	830.47			
	12/21/2016	18.18	18.53	0.35		830.44	830.70			
	12/14/2016	17.87	18.18	0.31		830.79	831.02			
	12/7/2016	17.66	17.88	0.22		831.09	831.25			
	11/10/2016	16.20	16.50	0.30		832.47	832.69			
	10/31/2016	16.28	16.56	0.28		832.41	832.62			
	10/24/2016	16.18	16.46	0.28		832.51	832.72			
	10/17/2016	15.05	15.32	0.27		833.65	833.85			
	10/9/2016	15.00	15.26	0.26		833.71	833.90			
	10/4/2016	14.92	15.24	0.32		833.73	833.97			
	9/27/2016	14.83	15.15	0.32		833.82	834.06			
	9/19/2016	14.74	14.81	0.07		834.16	834.21			
	9/12/2016	14.66	14.78	0.12		834.19	834.28			
	9/9/2016	14.50	14.70	0.20		834.27	834.42			
9/6/2016	13.80	14.10	0.30		834.87	835.09				
9/2/2016	12.71	12.83	0.12		836.14	836.23				
RS-16					845.44					
	3/31/2017	12.57	12.58	0.01		832.86	832.87			
	3/27/2017	13.72	13.81	0.09		831.63	831.70			
	3/24/2017	13.71	13.78	0.07		831.66	831.71			
	3/20/2017	13.60	13.66	0.06		831.78	831.82			
	3/16/2017	13.51	13.60	0.09		831.84	831.91			
	3/13/2017	14.96	14.97	0.01		831.80	831.81			
	3/6/2017	15.00	15.01	0.01		831.76	831.77			
	3/2/2017	14.78	14.87	0.09		831.90	831.97			
	2/27/2017	14.80	14.90	0.10		831.87	831.94			
	2/23/2017	14.53	14.58	0.05		832.19	832.23			
	2/20/2017	14.45	14.50	0.05		832.27	832.31			
	2/17/2017	14.23	14.27	0.04		832.50	832.53			
	2/9/2017	12.75	12.76	0.01		834.01	834.02			
	2/6/2017	14.55	14.62	0.07		832.15	832.20			
	2/2/2017	14.80	14.90	0.10		831.87	831.94			
	1/30/2017	14.55	14.60	0.05		832.17	832.21			
	1/26/2017	13.54	13.55	0.01		833.22	833.23			
	1/23/2017	9.30	9.31	0.01		837.46	837.47			
	1/19/2017	16.26	16.42	0.16		830.35	830.47			
	1/16/2017	16.25	16.38	0.13		830.39	830.48			
1/12/2017	15.91	16.03	0.12		830.74	830.83	1/12/2017	10:01	10:30	
1/5/2017	16.12	16.28	0.16		830.49	830.61				
12/30/2016	18.00	18.30	0.30		828.47	828.69	12/30/2016	15:00	15:10	
12/21/2016	17.80	18.32	0.52		828.45	828.83	12/22/2016	14:20	14:29	
12/14/2016	17.60	18.08	0.48		828.69	829.04				
12/7/2016	-	17.32	-		829.45	-				

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-16 (cont'd)	11/10/2016	16.47	16.83	0.36		829.94	830.20			
	10/31/2016	16.35	16.77	0.42		830.00	830.31			
	10/24/2016	16.05	16.43	0.38		830.34	830.62			
	10/17/2016	-	14.10	-		832.67	-			
	10/9/2016	-	14.03	-		832.74	-			
	10/4/2016	-	13.95	-		832.82	-			
	9/27/2016	-	13.88	-		832.89	-			
	9/19/2016	-	13.79	-		832.98	-			
	9/12/2016	-	13.63	-		833.14	-			
	9/9/2016	-	13.54	-		833.23	-			
	9/6/2016	-	13.48	-		833.29	-			
	9/2/2016	-	13.52	-		833.25	-			
RS-17					844.22					
	3/31/2017	7.98	7.99	0.01		836.23	836.24			
	3/27/2017	11.38	11.40	0.02		832.82	832.83			
	3/24/2017	11.23	11.25	0.02		832.97	832.98			
	3/20/2017	10.70	10.76	0.06		833.46	833.50			
	3/16/2017	9.37	9.38	0.01		834.84	834.85			
	3/13/2017	9.45	9.47	0.02		835.68	835.70			
	3/6/2017	12.26	12.27	0.01		832.88	832.89			
	3/2/2017	11.16	11.17	0.01		833.98	833.99			
	2/27/2017	12.10	12.15	0.05		833.00	833.04			
	2/23/2017	11.58	11.60	0.02		833.55	833.57			
	2/20/2017	11.18	11.20	0.02		833.95	833.97			
	2/17/2017	10.03	10.04	0.01		835.11	835.12			
	2/9/2017	7.02	7.03	0.01		838.12	838.13			
	2/6/2017	12.38	12.40	0.02		832.75	832.77			
	2/2/2017	12.25	12.32	0.07		832.83	832.88			
	1/30/2017	11.80	11.82	0.02		833.33	833.35			
	1/26/2017	10.19	10.20	0.01		834.95	834.96			
	1/23/2017	6.10	6.11	0.01		839.04	839.05			
	1/19/2017	13.82	13.95	0.13		831.20	831.30			
	1/16/2017	13.55	13.67	0.12		831.48	831.57			
	1/12/2017	12.90	13.00	0.10		832.15	832.23			
	1/5/2017	12.67	12.77	0.10		832.38	832.46			
	12/30/2016	16.90	17.00	0.10		828.15	828.23			
	12/21/2016	16.97	17.22	0.25		827.93	828.11			
	12/14/2016	16.75	17.00	0.25		828.15	828.33			
	12/7/2016	16.44	16.65	0.21		828.50	828.66			
	11/10/2016	15.50	15.76	0.26		829.39	829.58			
	10/31/2016	15.40	15.70	0.30		829.45	829.67			
	10/24/2016	15.25	15.50	0.25		829.65	829.83			
	10/17/2016	10.65	10.83	0.18		834.32	834.45			
	10/9/2016	10.44	10.70	0.26		834.45	834.64			
	10/4/2016	10.61	10.78	0.17		834.37	834.50			
	9/27/2016	10.56	10.69	0.13		834.46	834.56			
	9/19/2016	10.48	10.57	0.09		834.58	834.65			
	9/12/2016	10.41	10.53	0.12		834.62	834.71			
	9/9/2016	10.33	10.49	0.16		834.66	834.78			
	9/6/2016	10.25	10.37	0.12		834.78	834.87			
	9/2/2016	10.22	10.34	0.12		834.81	834.90			
RS-18					847.89					
	3/31/2017	16.58	17.06	0.48		830.83	831.18	3/31/2017	12:05	12:13
	3/27/2017	17.24	17.73	0.49		830.16	830.52			
	3/24/2017	17.31	17.71	0.40		830.18	830.47			
	3/20/2017	17.40	17.64	0.24		830.25	830.43			

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)	3/16/2017	17.90	18.05	0.15		829.84	829.95			
	3/13/2017	17.92	18.52	0.60		830.07	830.51	3/15/2017	10:14	10:20
	3/6/2017	18.10	18.52	0.42		830.07	830.38			
	3/2/2017	18.11	18.36	0.25		830.23	830.41			
	2/27/2017	17.95	18.45	0.50		830.14	830.51	2/27/2017	13:30	13:38
	2/23/2017	17.88	18.22	0.34		830.37	830.62			
	2/20/2017	18.03	18.30	0.27		830.29	830.49			
	2/17/2017	17.79	18.34	0.55		830.25	830.65	2/17/2017	12:36	12:42
	2/9/2017	17.18	17.56	0.38		831.03	831.31			
	2/6/2017	17.97	18.30	0.33		830.29	830.53			
	2/2/2017	18.28	18.55	0.27		830.04	830.24			
	1/30/2017	18.35	18.57	0.22		830.02	830.18			
	1/26/2017	18.14	18.27	0.13		830.32	830.42			
	1/23/2017	16.30	16.37	0.07		832.22	832.27			
	1/19/2017	18.93	19.48	0.55		829.11	829.51	1/19/2017	16:01	16:10
	1/16/2017	18.99	19.44	0.45		829.15	829.48			
	1/12/2017	18.93	19.19	0.26		829.40	829.59	1/12/2017	10:31	11:00
	1/5/2017	18.50	18.60	0.10		829.99	830.07			
	12/30/2016	19.30	19.70	0.40		828.89	829.18	12/30/2016	14:34	14:42
	12/21/2016	19.15	19.65	0.50		828.94	829.31	12/22/2016	16:17	16:27
	12/14/2016	18.77	19.74	0.97		828.85	829.56	12/14/2016	14:53	15:03
	12/7/2016	18.71	19.47	0.76		829.12	829.68			
	11/10/2016	17.94	18.40	0.46		830.19	830.53	11/10/2016	11:20	11:37
	10/31/2016	17.40	18.10	0.70		830.49	831.00			
	10/24/2016	15.85	16.38	0.53		832.21	832.60			
	10/17/2016	15.00	15.40	0.40		833.19	833.48			
	10/9/2016	14.86	15.20	0.34		833.39	833.64			
	10/4/2016	14.95	15.37	0.42		833.22	833.53			
	9/27/2016	14.83	15.20	0.37		833.39	833.66			
	9/19/2016	14.76	14.92	0.16		833.67	833.79			
	9/12/2016	14.71	14.84	0.13		833.75	833.85			
	9/9/2016	14.64	14.77	0.13		833.82	833.92			
9/6/2016	14.58	14.67	0.09		833.92	833.99				
9/2/2016	14.64	14.93	0.29		833.66	833.87				
RS-19					850.40					
	3/31/2017	-	NM	-		-	-			
	3/27/2017	-	NM	-		-	-			
	3/24/2017	-	NM	-		-	-			
	3/20/2017	-	NM	-		-	-			
	3/16/2017	-	NM	-		-	-			
	3/13/2017	-	NM	-		-	-			
	3/6/2017	-	NM	-		-	-			
	3/2/2017	-	NM	-		-	-			
	2/27/2017	-	NM	-		-	-			
	2/23/2017	-	NM	-		-	-			
	2/20/2017	-	NM	-		-	-			
	2/17/2017	-	NM	-		-	-			
	2/9/2017	-	NM	-		-	-			
	2/6/2017	-	NM	-		-	-			
	2/2/2017	-	NM	-		-	-			
	1/30/2017	-	NM	-		-	-			
	1/26/2017	-	NM	-		-	-			
	1/23/2017	-	NM	-		-	-			
	1/19/2017	-	12.11	-		840.26	-			
	1/16/2017	12.09	12.10	0.01		840.27	840.27			
	1/12/2017	-	NM	-		-	-			

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-19 (cont'd)	1/5/2017	11.55	11.56	0.01		840.81	840.81				
	12/30/2016	-	NM	-		-	-				
	12/21/2016	14.81	14.82	0.01		837.55	837.55				
	12/14/2016	15.83	15.85	0.02		836.52	836.53				
	12/7/2016	14.80	14.82	0.02		837.55	837.56				
	11/10/2016	14.70	NO WATER	0.40		-	-				
	10/31/2016	14.63	14.95	0.32		837.42	837.65				
	10/24/2016	14.50	14.77	0.27		837.60	837.79				
	10/17/2016	13.48	13.65	0.17		838.72	838.84				
	10/9/2016	13.31	13.60	0.29		838.77	838.98				
	10/4/2016	13.46	13.63	0.17		838.74	838.86				
	9/27/2016	13.33	13.53	0.20		838.84	838.98				
	9/19/2016	12.94	13.12	0.18		839.25	839.38				
	9/12/2016	12.85	13.03	0.18		839.34	839.47				
	9/9/2016	12.89	13.03	0.14		839.34	839.44				
	9/6/2016	-	11.29	-		841.08	-				
	9/2/2016	-	11.36	-		841.01	-				
RS-20					842.69						
	3/31/2017	-	10.53	-		832.16	-				
	3/27/2017	-	10.51	-		832.18	-				
	3/24/2017	-	10.51	-		832.18	-				
	3/20/2017	-	10.54	-		832.15	-				
	3/16/2017	-	10.54	-		832.15	-				
	3/13/2017	-	11.41	-		832.08	-				
	3/6/2017	-	11.40	-		832.09	-				
	3/2/2017	-	11.40	-		832.09	-				
	2/27/2017	-	11.41	-		832.08	-				
	2/23/2017	-	11.42	-		832.07	-				
	2/20/2017	-	11.40	-		832.09	-				
	2/17/2017	-	11.41	-		832.08	-				
	2/9/2017	-	11.41	-		832.08	-				
	2/6/2017	-	11.40	-		832.09	-				
	2/2/2017	-	11.40	-		832.09	-				
	1/30/2017	-	11.40	-		832.09	-				
	1/26/2017	-	11.40	-		832.09	-				
	1/23/2017	-	11.40	-		832.09	-				
	1/19/2017	-	11.41	-		832.08	-				
	1/16/2017	-	11.40	-		832.09	-				
	1/12/2017	-	11.35	-		832.14	-				
	1/5/2017	-	11.41	-		832.08	-				
	12/30/2016	-	18.30	-		825.19	-				
	12/21/2016	-	11.40	-		832.09	-				
	12/14/2016	-	11.40	-		832.09	-				
	12/7/2016	-	11.36	-		832.13	-				
	11/10/2016	-	13.50	-		829.99	-		11/10/2016	11:34	11:44
	10/31/2016	-	13.43	-		830.06	-				
	10/24/2016	-	13.39	-		830.10	-				
	10/17/2016	-	11.65	-		831.84	-				
	10/9/2016	-	11.52	-		831.97	-				
10/4/2016	-	11.70	-		831.79	-					
9/27/2016	-	11.56	-		831.93	-					
9/19/2016	-	11.39	-		832.10	-					
9/12/2016	-	11.81	-		831.68	-					
9/9/2016	-	11.73	-		831.76	-					
9/6/2016	-	11.65	-		831.84	-					
9/2/2016	-	11.63	-		831.86	-					

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Evacuation	Start Time	Finish Time
RT-1A					854.06					
	3/31/2017	16.05	16.25	0.20		837.81	837.96			
	3/27/2017	16.10	16.32	0.22		837.74	837.90	3/27/2017	13:32	13:39
	3/24/2017	16.11	16.39	0.28		837.67	837.87	3/24/2017	13:45	13:54
	3/20/2017	16.22	16.43	0.21		837.63	837.78			
	3/16/2017	16.42	16.60	0.18		837.46	837.59	3/17/2017	7:37	7:39
	3/13/2017	18.47	NO WATER	2.42		-	-	3/15/2017	8:14	8:19
	3/6/2017	18.55	18.96	0.41		837.25	837.55	3/6/2017	12:27	12:33
	3/2/2017	18.60	19.01	0.41		837.20	837.50	3/3/2017	8:30	8:33
	2/27/2017	18.65	19.12	0.47		837.09	837.43	2/27/2017	14:02	14:09
	2/23/2017	18.65	19.10	0.45		837.11	837.44	2/24/2017	11:01	11:09
	2/20/2017	18.68	19.18	0.50		837.03	837.40	2/21/2017	14:10	14:17
	2/17/2017	18.70	19.28	0.58		836.93	837.35	2/17/2017	11:23	11:30
	2/9/2017	18.85	19.89	1.04		836.32	837.08	2/9/2017	12:02	12:20
	2/6/2017	19.91	NO WATER	0.98		-	-	2/6/2017	11:42	11:46
	2/2/2017	18.75	20.50	1.75		835.71	836.99	2/2/2017	9:01	9:10
	1/30/2017	18.76	NO WATER	2.13		-	-	1/30/2017	9:40	9:45
	1/26/2017	18.85	NO WATER	2.04		-	-			
	1/23/2017	18.96	NO WATER	1.93		-	-	1/23/2017	12:22	12:27
	1/19/2017	19.07	NO WATER	1.82		-	-	1/19/2017	12:40	12:47
	1/16/2017	18.92	NO WATER	1.97		-	-	1/16/2017	12:30	12:40
	1/12/2017	18.91	20.80	1.89		835.41	836.79			
	1/5/2017	19.23	NO WATER	1.66		-	-			
	12/30/2016	19.20	20.70	1.50		835.51	836.61	12/30/2016	10:10	10:20
	12/21/2016	19.15	NO WATER	1.74		-	-	12/22/2016	17:21	17:30
	12/14/2016	19.10	20.85	1.75		835.36	836.64	12/14/2016	10:16	10:31
	12/7/2016	18.83	20.57	1.74		835.64	836.91	12/9/2016	14:00	14:45
	11/10/2016	18.70	19.73	1.03		836.48	837.23	11/10/2016	10:18	10:30
	10/31/2016	18.20	19.83	1.63		836.38	837.57			
	10/24/2016	18.10	19.28	1.18		836.93	837.79	10/24/2016	14:17	14:25
	10/17/2016	17.93	18.90	0.97		837.31	838.02	10/17/2016	15:19	15:27
	10/9/2016	17.81	18.70	0.89		837.51	838.16			
	10/4/2016	18.71	19.03	0.32		837.18	837.41			
	9/27/2016	18.65	18.94	0.29		837.27	837.48			
	9/19/2016	16.28	16.50	0.22		839.71	839.87			
	9/12/2016	17.05	17.24	0.19		838.97	839.11	9/12/2016	13:11	13:16
	9/9/2016	16.93	17.11	0.18		839.10	839.23			
	9/6/2016	16.68	16.80	0.12		839.41	839.50			
	9/2/2016	16.65	16.83	0.18		839.38	839.51			
RT-1B					854.15					
	3/31/2017	-	NM	-		-	-			
	3/27/2017	16.05	16.27	0.22		837.88	838.04	3/27/2017	13:39	13:46
	3/24/2017	16.07	16.34	0.27		837.81	838.01	3/24/2017	13:56	14:08
	3/20/2017	16.18	16.35	0.17		837.80	837.92			
	3/16/2017	16.38	16.55	0.17		837.60	837.72	3/17/2017	7:40	7:42
	3/13/2017	19.43	19.75	0.32		837.55	837.78	3/15/2017	8:20	8:25
	3/6/2017	19.52	20.00	0.48		837.30	837.65	3/6/2017	12:34	12:40
	3/2/2017	19.56	19.99	0.43		837.31	837.62	3/3/2017	8:34	8:37
	2/27/2017	19.61	20.06	0.45		837.24	837.56	2/27/2017	14:09	14:15
	2/23/2017	19.60	20.05	0.45		837.25	837.57	2/24/2017	11:09	11:17
	2/20/2017	19.64	20.12	0.48		837.18	837.53	2/21/2017	14:17	14:24
	2/17/2017	19.64	20.22	0.58		837.08	837.50	2/17/2017	11:30	11:37
	2/9/2017	19.79	NO WATER	1.31		-	-	2/9/2017	12:20	12:38
	2/6/2017	19.74	NO WATER	1.36		-	-	2/6/2017	11:46	11:50
	2/2/2017	19.70	NO WATER	1.40		-	-	2/2/2017	9:11	9:21
	1/30/2017	19.71	NO WATER	1.39		-	-	1/30/2017	9:50	9:55

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 ¹ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-1B (cont'd)	1/26/2017	19.78	NO WATER	1.32		-	-	1/26/2017	12:34	12:40
	1/23/2017	19.92	NO WATER	1.18		-	-	1/23/2017	12:29	12:38
	1/19/2017	20.01	NO WATER	1.09		-	-	1/19/2017	12:48	12:59
	1/16/2017	19.90	NO WATER	1.20		-	-	1/16/2017	12:45	12:55
	1/12/2017	19.88	NO WATER	1.22		-	-			
	1/5/2017	20.20	NO WATER	0.90		-	-			
	12/30/2016	20.20	NO WATER	0.90		-	-	12/30/2016	10:40	10:50
	12/21/2016	20.09	NO WATER	1.01		-	-	12/22/2016	17:10	17:20
	12/14/2016	20.04	20.83	0.79		836.47	837.04	12/14/2016	10:32	10:46
	12/7/2016	19.79	NO WATER	1.31		-	-	12/9/2016	13:30	14:00
	11/10/2016	19.25	20.10	0.85		837.20	837.82	11/10/2016	10:05	10:18
	10/31/2016	19.20	21.60	2.40		835.70	837.45			
	10/24/2016	19.05	20.25	1.20		837.05	837.92	10/24/2016	14:11	14:17
	10/17/2016	18.85	19.92	1.07		837.38	838.16	10/17/2016	15:10	15:19
	10/9/2016	18.90	19.60	0.70		837.70	838.21			
	10/4/2016	18.52	18.89	0.37		838.41	838.68			
	9/27/2016	18.48	18.76	0.28		838.54	838.74			
	9/19/2016	18.26	18.50	0.24		838.80	838.97			
	9/12/2016	18.03	18.24	0.21		839.06	839.21	9/12/2016	13:07	13:11
	9/9/2016	17.80	18.07	0.27		839.23	839.42			
9/6/2016	17.65	17.88	0.23		839.42	839.58				
9/2/2016	17.63	17.79	0.16		839.51	839.62				
RT-1C					854.55					
	3/31/2017	16.45	16.67	0.22		837.88	838.04			
	3/27/2017	16.50	16.73	0.23		837.82	837.99	3/27/2017	13:47	13:55
	3/24/2017	16.50	16.77	0.27		837.78	837.98	3/24/2017	14:10	14:21
	3/20/2017	16.64	16.85	0.21		837.70	837.85			
	3/16/2017	16.84	17.00	0.16		837.55	837.67	3/17/2017	7:43	7:45
	3/13/2017	19.61	19.91	0.30		837.11	837.33	3/15/2017	8:26	8:31
	3/6/2017	19.69	20.18	0.49		836.84	837.19	3/6/2017	12:41	12:47
	3/2/2017	19.74	20.15	0.41		836.87	837.17	3/3/2017	8:37	8:41
	2/27/2017	19.79	20.24	0.45		836.78	837.11	2/27/2017	14:15	14:22
	2/23/2017	19.28	20.22	0.94		836.80	837.48	2/24/2017	11:17	11:25
	2/20/2017	19.82	20.31	0.49		836.71	837.06	2/21/2017	14:24	14:30
	2/17/2017	19.87	20.42	0.55		836.60	837.00	2/17/2017	11:37	11:45
	2/9/2017	19.98	NO WATER	1.29		-	-	2/9/2017	12:38	12:55
	2/6/2017	18.78	NO WATER	2.49		-	-	2/6/2017	11:50	11:55
	2/2/2017	19.90	NO WATER	1.37		-	-	2/2/2017	9:22	9:33
	1/30/2017	19.88	NO WATER	1.39		-	-	1/30/2017	9:55	10:05
	1/26/2017	20.96	NO WATER	0.31		-	-	1/26/2017	12:41	12:50
	1/23/2017	20.10	NO WATER	1.17		-	-	1/23/2017	12:40	12:49
	1/19/2017	20.19	NO WATER	1.08		-	-	1/19/2017	13:02	13:15
	1/16/2017	20.09	NO WATER	1.18		-	-	1/16/2017	12:56	13:08
	1/12/2017	20.05	NO WATER	1.22		-	-			
	1/5/2017	20.35	NO WATER	0.92		-	-			
	12/30/2016	20.40	NO WATER	0.87		-	-	12/30/2016	10:26	10:36
	12/21/2016	20.26	NO WATER	1.01		-	-	12/22/2016	16:55	17:05
	12/14/2016	-	20.20	-		836.82	-	12/14/2016	10:46	11:00
	12/7/2016	19.95	20.20	0.25		836.82	837.00	12/9/2016	11:44	12:30
	11/10/2016	19.90	20.90	1.00		836.12	836.85	11/10/2016	9:50	10:05
	10/31/2016	19.40	20.95	1.55		836.07	837.20			
	10/24/2016	19.25	20.44	1.19		836.58	837.45	10/24/2016	14:00	14:11
	10/17/2016	19.05	20.00	0.95		837.02	837.71	10/17/2016	15:00	15:10
	10/9/2016	19.00	19.81	0.81		837.21	837.80			
	10/4/2016	17.55	17.83	0.28		839.19	839.39			
	9/27/2016	17.50	17.78	0.28		839.24	839.44			

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-1C (cont'd)	9/19/2016	18.44	18.65	0.21		838.37	838.52			
	9/12/2016	18.20	18.39	0.19		838.63	838.77	9/12/2016	13:01	13:07
	9/9/2016	18.07	18.25	0.18		838.77	838.90			
	9/6/2016	17.87	17.95	0.08		839.07	839.12			
	9/2/2016	17.80	17.95	0.15		839.07	839.18			
RT-2A				817.48						
	3/31/2017	-	0.96	-		816.52	-	3/31/2017	10:20	10:23
	3/27/2017	-	1.48	-		816.00	-	3/27/2017	11:01	11:11
	3/24/2017	-	1.35	-		816.13	-	3/24/2017	10:39	10:48
	3/20/2017	-	1.40	-		816.08	-			
	3/16/2017	-	1.15	-		816.33	-			
	3/13/2017	2.01	2.02	0.01		816.29	816.30			
	3/6/2017	-	2.46	-		815.85	-			
	3/2/2017	-	2.37	-		815.94	-			
	2/27/2017	-	2.57	-		815.74	-			
	2/23/2017	-	2.42	-		815.89	-			
	2/20/2017	-	2.54	-		815.77	-			
	2/17/2017	-	2.34	-		815.97	-			
	2/9/2017	-	1.94	-		816.37	-			
	2/6/2017	-	2.69	-		815.62	-			
	2/2/2017	-	2.59	-		815.72	-	2/2/2017	10:15	10:20
	1/30/2017	-	2.58	-		815.73	-			
	1/26/2017	-	2.31	-		816.00	-	1/26/2017	12:51	13:01
	1/23/2017	1.75	1.76	0.01		816.55	816.56			
	1/19/2017	-	2.78	-		815.53	-	1/19/2017	13:30	13:40
	1/16/2017	-	2.71	-		815.60	-			
	1/12/2017	-	2.60	-		815.71	-			
	1/5/2017	-	2.20	-		816.11	-			
	12/30/2016	2.00	3.10	1.10		815.21	816.02			
	12/21/2016	-	2.81	-		815.50	-			
	12/14/2016	-	2.73	-		815.58	-			
	12/7/2016	-	2.11	-		816.20	-			
	11/10/2016	-	2.90	-		815.41	-			
	10/31/2016	-	2.83	-		815.48	-			
	10/24/2016	-	2.72	-		815.59	-			
	10/17/2016	-	2.49	-		815.82	-			
	10/9/2016	-	2.40	-		815.91	-			
	10/4/2016	-	2.47	-		815.84	-			
	9/27/2016	-	2.46	-		815.85	-			
	9/19/2016	-	2.50	-		815.81	-			
	9/12/2016	-	2.38	-		815.93	-			
	9/9/2016	-	2.35	-		815.96	-			
	9/6/2016	-	2.13	-		816.18	-			
	9/2/2016	-	2.18	-		816.13	-			
RT-2B					817.61					
	3/31/2017	1.07	1.09	0.02		816.52	816.53	3/31/2017	10:25	10:28
	3/27/2017	1.54	1.56	0.02		816.05	816.06	3/27/2017	11:13	11:25
	3/24/2017	1.42	1.44	0.02		816.17	816.18	3/24/2017	10:51	11:01
	3/20/2017	1.55	1.56	0.01		816.05	816.06	3/20/2017	9:15	9:20
	3/16/2017	1.30	1.32	0.02		816.29	816.30	3/17/2017	10:21	10:26
	3/13/2017	2.64	2.68	0.04		816.24	816.27	3/15/2017	12:41	12:44
	3/6/2017	3.09	3.12	0.03		815.80	815.82	3/6/2017	9:07	9:11
	3/2/2017	2.98	3.02	0.04		815.90	815.93	3/3/2017	11:11	11:16
	2/27/2017	3.12	3.14	0.02		815.78	815.79	2/27/2017	9:02	9:10
	2/23/2017	3.03	3.09	0.06		815.83	815.87			
	2/20/2017	3.15	3.20	0.05		815.72	815.75			

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-2B (cont'd)	2/17/2017	3.02	3.12	0.10		815.80	815.87	2/17/2017	10:09	10:19
	2/9/2017	2.49	2.60	0.11		816.32	816.40	2/9/2017	9:50	10:00
	2/6/2017	3.32	3.33	0.01		815.59	815.60	2/6/2017	12:30	12:34
	2/2/2017	3.25	3.26	0.01		815.66	815.67	2/2/2017	10:21	10:24
	1/30/2017	3.20	3.21	0.01		815.71	815.72	1/30/2017	13:51	13:56
	1/26/2017	2.94	2.98	0.04		815.94	815.97	1/26/2017	13:05	13:15
	1/23/2017	2.43	2.46	0.03		816.46	816.48			
	1/19/2017	3.40	3.42	0.02		815.50	815.51	1/19/2017	13:45	13:50
	1/16/2017	3.34	3.36	0.02		815.56	815.57			
	1/12/2017	-	3.22	-		815.70	-			
	1/5/2017	-	2.88	-		816.04	-			
	12/30/2016	4.20	4.80	0.60		814.12	814.56			
	12/21/2016	3.37	3.38	0.01		815.54	815.55			
	12/14/2016	3.30	3.33	0.03		815.59	815.61			
	12/7/2016	2.76	2.78	0.02		816.14	816.15			
	11/10/2016	-	3.46	-		815.46	-			
	10/31/2016	-	3.41	-		815.51	-			
	10/24/2016	-	3.34	-		815.58	-			
	10/17/2016	-	3.15	-		815.77	-			
	10/9/2016	-	3.03	-		815.89	-			
	10/4/2016	-	3.10	-		815.82	-			
	9/27/2016	-	2.70	-		816.22	-			
	9/19/2016	-	3.12	-		815.80	-			
	9/12/2016	-	3.00	-		815.92	-			
	9/9/2016	-	2.97	-		815.95	-			
	9/6/2016	-	2.80	-		816.12	-			
9/2/2016	-	2.83	-		816.09	-				
RT-2C					818.06					
	3/31/2017	1.55	1.56	0.01		816.50	816.51	3/31/2017	10:30	10:34
	3/27/2017	2.00	2.02	0.02		816.04	816.05	3/27/2017	11:30	11:39
	3/24/2017	1.95	1.96	0.01		816.10	816.11	3/24/2017	11:04	11:13
	3/20/2017	2.95	2.96	0.01		815.10	815.11	3/20/2017	9:21	9:26
	3/16/2017	2.70	2.71	0.01		815.35	815.36	3/17/2017	10:28	10:32
	3/13/2017	2.40	2.41	0.01		816.61	816.61	3/15/2017	12:45	12:49
	3/6/2017	-	2.85	-		816.17	-	3/6/2017	9:12	9:18
	3/2/2017	-	2.75	-		816.27	-	3/3/2017	11:18	11:23
	2/27/2017	2.88	2.90	0.02		816.12	816.13	2/27/2017	9:11	9:18
	2/23/2017	2.81	2.82	0.01		816.20	816.20			
	2/20/2017	2.91	2.92	0.01		816.10	816.10			
	2/17/2017	2.82	2.83	0.01		816.19	816.19	2/17/2017	10:02	10:08
	2/9/2017	2.26	2.28	0.02		816.74	816.75	2/9/2017	10:01	10:09
	2/6/2017	3.05	3.06	0.01		815.96	815.96	2/6/2017	12:35	12:39
	2/2/2017	2.99	3.00	0.01		816.02	816.02	2/2/2017	10:26	10:30
	1/30/2017	2.94	2.95	0.01		816.07	816.07	1/30/2017	14:15	14:20
	1/26/2017	2.70	2.71	0.01		816.31	816.31	1/26/2017	13:16	13:30
	1/23/2017	2.19	2.20	0.01		816.82	816.82			
	1/19/2017	3.13	3.16	0.03		815.86	815.88	1/19/2017	14:01	14:11
	1/16/2017	3.08	3.10	0.02		815.92	815.93			
	1/12/2017	-	2.94	-		816.08	-			
	1/5/2017	-	2.60	-		816.42	-			
	12/30/2016	4.10	4.30	0.20		814.72	814.86			
	12/21/2016	3.15	3.17	0.02		815.85	815.86			
	12/14/2016	3.03	3.05	0.02		815.97	815.98			
	12/7/2016	-	2.50	-		816.52	-			
	11/10/2016	-	3.24	-		815.78	-	11/10/2016	12:30	12:37
	10/31/2016	-	3.18	-		815.84	-			

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-2C (cont'd)	10/24/2016	3.05	3.10	0.05		815.92	815.95			
	10/17/2016	-	2.88	-		816.14	-			
	10/9/2016	-	2.90	-		816.12	-			
	10/4/2016	-	2.83	-		816.19	-			
	9/27/2016	-	2.45	-		816.57	-			
	9/19/2016	2.80	2.92	0.12		816.10	816.18			
	9/12/2016	-	2.72	-		816.30	-			
	9/9/2016	-	2.67	-		816.35	-			
	9/6/2016	-	2.53	-		816.49	-			
9/2/2016	-	2.56	-		816.46	-				
RT-2D					818.12					
	3/31/2017	-	1.65	-		816.47	-	3/31/2017	10:40	10:44
	3/27/2017	2.15	2.16	0.01		815.96	815.97	3/27/2017	11:44	11:55
	3/24/2017	2.05	2.06	0.01		816.06	816.07	3/24/2017	11:15	11:26
	3/20/2017	2.06	2.07	0.01		816.05	816.06	3/20/2017	9:28	9:34
	3/16/2017	1.80	1.83	0.03		816.29	816.31	3/17/2017	10:36	10:40
	3/13/2017	3.24	3.26	0.02		816.31	816.32	3/15/2017	12:51	12:55
	3/6/2017	-	3.68	-		815.89	-	3/6/2017	9:22	9:30
	3/2/2017	-	3.58	-		815.99	-	3/3/2017	11:25	11:30
	2/27/2017	3.71	3.72	0.01		815.85	815.85	2/27/2017	9:20	9:29
	2/23/2017	3.61	3.62	0.01		815.95	815.95			
	2/20/2017	3.72	3.73	0.01		815.84	815.84			
	2/17/2017	3.62	3.63	0.01		815.94	815.94	2/17/2017	9:54	10:01
	2/9/2017	3.08	3.09	0.01		816.48	816.48	2/9/2017	10:10	10:19
	2/6/2017	3.90	3.91	0.01		815.66	815.66	2/6/2017	12:41	12:44
	2/2/2017	3.80	3.81	0.01		815.76	815.76	2/2/2017	10:32	10:36
	1/30/2017	3.78	3.79	0.01		815.78	815.78	1/30/2017	13:35	13:40
	1/26/2017	3.51	3.52	0.01		816.05	816.05			
	1/23/2017	3.00	3.01	0.01		816.56	816.56			
	1/19/2017	3.95	4.00	0.05		815.57	815.60			
	1/16/2017	3.81	3.92	0.11		815.65	815.73			
	1/12/2017	2.76	2.78	0.02		816.79	816.80			
	1/5/2017	3.43	3.45	0.02		816.12	816.13			
	12/30/2016	4.30	4.50	0.20		815.07	815.21			
	12/21/2016	3.96	3.99	0.03		815.58	815.60			
	12/14/2016	3.89	3.93	0.04		815.64	815.67			
	12/7/2016	3.31	3.34	0.03		816.23	816.25			
11/10/2016	-	4.18	-		815.39	-				
10/31/2016	-	4.10	-		815.47	-				
10/24/2016	-	3.91	-		815.66	-				
10/17/2016	-	3.67	-		815.90	-				
10/9/2016	-	3.84	-		815.73	-				
10/4/2016	-	3.65	-		815.92	-				
9/27/2016	-	3.25	-		816.32	-				
9/19/2016	-	3.66	-		815.91	-				
9/12/2016	-	3.63	-		815.94	-				
9/9/2016	-	3.55	-		816.02	-				
9/6/2016	-	3.26	-		816.31	-				
9/2/2016	-	3.23	-		816.34	-				
RT-2E					818.25					
	3/31/2017	-	1.78	-		816.47	-	3/31/2017	10:46	10:50
	3/27/2017	2.20	2.21	0.01		816.04	816.05	3/27/2017	11:59	12:10
	3/24/2017	2.10	2.11	0.01		816.14	816.15	3/24/2017	11:30	11:41
	3/20/2017	2.17	2.18	0.01		816.07	816.08	3/20/2017	9:35	9:40
	3/16/2017	1.98	1.99	0.01		816.26	816.27	3/17/2017	10:42	10:46
3/13/2017	3.04	3.05	0.01		816.35	816.36	3/15/2017	13:01	13:07	

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-2E (cont'd)	3/6/2017	-	3.50	-		815.90	-	3/6/2017	9:32	9:36
	3/2/2017	-	3.40	-		816.00	-	3/3/2017	11:31	11:36
	2/27/2017	3.47	3.48	0.01		815.92	815.93	2/27/2017	9:30	9:38
	2/23/2017	3.40	3.41	0.01		815.99	816.00			
	2/20/2017	3.50	3.51	0.01		815.89	815.90			
	2/17/2017	3.40	3.41	0.01		815.99	816.00	2/17/2017	9:47	9:53
	2/9/2017	2.89	2.90	0.01		816.50	816.51	2/9/2017	10:20	10:27
	2/6/2017	3.64	3.65	0.01		815.75	815.76	2/6/2017	12:20	12:25
	2/2/2017	3.60	3.61	0.01		815.79	815.80	2/2/2017	10:39	10:44
	1/30/2017	3.58	3.59	0.01		815.81	815.82	1/30/2017	13:26	13:32
	1/26/2017	3.03	3.04	0.01		816.36	816.37	1/26/2017	11:30	11:36
	1/23/2017	2.85	2.86	0.01		816.54	816.55	1/23/2017	9:00	9:05
	1/19/2017	3.78	3.79	0.01		815.61	815.62	1/19/2017	8:40	8:45
	1/16/2017	-	3.71	-		815.69	-	1/16/2017	9:10	9:15
	1/12/2017	-	3.57	-		815.83	-			
	1/5/2017	3.19	3.20	0.01		816.20	816.21			
	12/30/2016	4.20	4.40	0.20		815.00	815.15			
	12/21/2016	3.72	3.73	0.01		815.67	815.68			
	12/14/2016	3.65	3.66	0.01		815.74	815.75			
	12/7/2016	-	3.16	-		816.24	-			
	11/10/2016	-	3.67	-		815.73	-			
	10/31/2016	-	3.80	-		815.60	-			
	10/24/2016	-	3.74	-		815.66	-			
	10/17/2016	-	3.40	-		816.00	-			
	10/9/2016	-	3.31	-		816.09	-			
	10/4/2016	-	3.32	-		816.08	-			
	9/27/2016	-	3.18	-		816.22	-			
	9/19/2016	-	3.30	-		816.10	-			
	9/12/2016	-	3.30	-		816.10	-			
	9/9/2016	-	3.34	-		816.06	-			
9/6/2016	-	3.37	-		816.03	-				
9/2/2016	-	3.33	-		816.07	-				
RT-2F					818.57					
	3/31/2017	-	2.09	-		816.48	-	3/31/2017	10:53	10:57
	3/27/2017	2.55	2.56	0.01		816.01	816.02	3/27/2017	12:11	12:21
	3/24/2017	2.45	2.46	0.01		816.11	816.12	3/24/2017	12:13	12:21
	3/20/2017	2.50	2.51	0.01		816.06	816.07	3/20/2017	9:45	9:50
	3/16/2017	2.28	2.29	0.01		816.28	816.29	3/17/2017	10:47	10:51
	3/13/2017	2.87	2.88	0.01		816.64	816.64	3/15/2017	13:09	13:19
	3/6/2017	-	3.34	-		816.18	-	3/6/2017	9:38	9:43
	3/2/2017	3.21	3.22	0.01		816.30	816.30	3/3/2017	11:38	11:41
	2/27/2017	3.23	3.24	0.01		816.28	816.28	2/27/2017	9:40	9:47
	2/23/2017	3.28	3.29	0.01		816.23	816.23			
	2/20/2017	3.35	3.36	0.01		816.16	816.16			
	2/17/2017	3.28	3.29	0.01		816.23	816.23	2/17/2017	9:41	9:46
	2/9/2017	2.69	2.70	0.01		816.82	816.82	2/9/2017	10:30	10:36
	2/6/2017	3.51	3.52	0.01		816.00	816.00	2/6/2017	12:26	12:30
	2/2/2017	3.45	3.46	0.01		816.06	816.06	2/2/2017	10:47	10:52
	1/30/2017	3.40	3.41	0.01		816.11	816.11	1/30/2017	13:16	13:25
	1/26/2017	3.15	3.16	0.01		816.36	816.36	1/26/2017	11:18	11:27
	1/23/2017	2.65	2.66	0.01		816.86	816.86	1/23/2017	9:07	9:14
	1/19/2017	3.59	3.60	0.01		815.92	815.92	1/19/2017	8:47	8:52
	1/16/2017	3.52	3.53	0.01		815.99	815.99	1/16/2017	9:17	9:21
	1/12/2017	-	3.41	-		816.11	-			
	1/5/2017	3.07	3.09	0.02		816.43	816.44			
	12/30/2016	4.10	4.30	0.20		815.22	815.36			

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-2F (cont'd)	12/21/2016	3.59	3.60	0.01		815.92	815.92			
	12/14/2016	3.52	3.53	0.01		815.99	815.99			
	12/7/2016	-	2.98	-		816.54	-			
	11/10/2016	-	3.56	-		815.96	-			
	10/31/2016	-	3.64	-		815.88	-			
	10/24/2016	-	3.52	-		816.00	-			
	10/17/2016	-	3.13	-		816.39	-			
	10/9/2016	-	2.95	-		816.57	-			
	10/4/2016	-	3.10	-		816.42	-			
	9/27/2016	-	2.92	-		816.60	-			
	9/19/2016	-	3.10	-		816.42	-			
	9/12/2016	-	3.28	-		816.24	-			
	9/9/2016	-	3.20	-		816.32	-			
	9/6/2016	-	3.10	-		816.42	-			
9/2/2016	-	3.12	-		816.40	-				
RT-2G					820.07					
	3/31/2017	-	1.95	-		818.12	-			
	3/27/2017	3.58	3.59	0.01		816.48	816.49	3/27/2017	12:23	12:30
	3/24/2017	2.05	2.06	0.01		818.01	818.02	3/24/2017	12:32	12:41
	3/20/2017	3.30	3.31	0.01		816.76	816.77	3/20/2017	9:53	9:58
	3/16/2017	3.27	3.28	0.01		816.79	816.80	3/17/2017	10:53	10:57
	3/13/2017	3.52	3.53	0.01		816.78	816.79	3/15/2017	13:20	13:25
	3/6/2017	-	3.30	-		817.01	-	3/6/2017	9:45	9:50
	3/2/2017	-	3.24	-		817.07	-	3/3/2017	11:42	11:47
	2/27/2017	3.32	3.33	0.01		816.98	816.99	2/27/2017	9:50	9:56
	2/23/2017	3.30	3.31	0.01		817.00	817.01			
	2/20/2017	3.32	3.33	0.01		816.98	816.99			
	2/17/2017	3.30	3.32	0.02		816.99	817.00	2/17/2017	9:34	9:40
	2/9/2017	3.22	3.23	0.01		817.08	817.09	2/9/2017	10:37	10:42
	2/6/2017	3.50	3.51	0.01		816.80	816.81	2/6/2017	12:46	12:50
	2/2/2017	3.49	3.50	0.01		816.81	816.82	2/2/2017	10:55	11:00
	1/30/2017	3.43	3.45	0.02		816.86	816.87	1/30/2017	13:10	13:15
	1/26/2017	3.31	3.32	0.01		816.99	817.00	1/26/2017	11:08	11:16
	1/23/2017	3.13	3.14	0.01		817.17	817.18	1/23/2017	9:17	9:23
	1/19/2017	3.66	3.67	0.01		816.64	816.65	1/19/2017	8:55	9:00
	1/16/2017	3.61	3.62	0.01		816.69	816.70	1/16/2017	9:22	9:27
	1/12/2017	-	3.51	-		816.80	-			
	1/5/2017	3.42	3.44	0.02		816.87	816.88			
	12/30/2016	3.20	3.70	0.50		816.61	816.97			
	12/21/2016	3.74	3.75	0.01		816.56	816.57			
	12/14/2016	3.63	3.64	0.01		816.67	816.68			
	12/7/2016	-	3.45	-		816.86	-			
	11/10/2016	-	3.67	-		816.64	-			
	10/31/2016	-	3.61	-		816.70	-			
	10/24/2016	-	3.50	-		816.81	-			
	10/17/2016	-	4.68	-		815.63	-			
	10/9/2016	-	4.55	-		815.76	-			
10/4/2016	-	4.70	-		815.61	-				
9/27/2016	-	4.60	-		815.71	-				
9/19/2016	-	3.00	-		817.31	-				
9/12/2016	-	2.88	-		817.43	-				
9/9/2016	-	2.90	-		817.41	-				
9/6/2016	-	2.74	-		817.57	-				
9/2/2016	-	2.71	-		817.60	-				
RT-2H					822.17					
	3/31/2017	-	NM	-		-	-	3/31/2017	11:01	11:05

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-2H (cont'd)	3/27/2017	-	NM	-	-	-	-			
	3/24/2017	-	NM	-	-	-	-			
	3/20/2017	-	NM	-	-	-	-			
	3/16/2017	-	NM	-	-	-	-			
	3/13/2017	-	NM	-	-	-	-			
	3/6/2017	-	NM	-	-	-	-			
	3/2/2017	-	NM	-	-	-	-			
	2/27/2017	-	NM	-	-	-	-			
	2/23/2017	-	NM	-	-	-	-			
	2/20/2017	-	NM	-	-	-	-			
	2/17/2017	-	NM	-	-	-	-			
	2/9/2017	-	NM	-	-	-	-			
	2/6/2017	-	NM	-	-	-	-			
	2/2/2017	-	NM	-	-	-	-			
	1/30/2017	-	NM	-	-	-	-			
	1/26/2017	-	NM	-	-	-	-			
	1/23/2017	-	NM	-	-	-	-			
	1/19/2017	-	NM	-	-	-	-			
	1/16/2017	5.33	5.34	0.01	-	816.83	816.83			
	1/12/2017	-	5.15	-	-	817.02	-			
	1/5/2017	4.63	4.65	0.02	-	817.52	817.53			
	12/30/2016	5.60	5.80	0.20	-	816.37	816.51			
	12/21/2016	5.54	5.55	0.01	-	816.62	816.62			
	12/14/2016	5.44	5.45	0.01	-	816.72	816.72			
	12/7/2016	-	4.47	-	-	817.70	-			
	11/10/2016	-	5.55	-	-	816.62	-			
	10/31/2016	-	5.44	-	-	816.73	-			
	10/24/2016	-	3.40	-	-	818.77	-			
	10/17/2016	-	3.30	-	-	818.87	-			
	10/9/2016	-	3.15	-	-	819.02	-			
	10/4/2016	-	3.33	-	-	818.84	-			
	9/27/2016	-	3.20	-	-	818.97	-			
	9/19/2016	-	3.03	-	-	819.14	-			
9/12/2016	-	4.79	-	-	817.38	-				
9/9/2016	-	4.76	-	-	817.41	-				
9/6/2016	-	4.50	-	-	817.67	-				
9/2/2016	-	4.45	-	-	817.72	-				
RT-2I					819.51					
	3/31/2017	-	3.25	-	-	816.26	-	3/31/2017	11:07	11:10
	3/27/2017	-	3.35	-	-	816.16	-	3/27/2017	12:33	12:40
	3/24/2017	3.19	3.21	0.02	-	816.30	816.31	3/24/2017	12:44	12:55
	3/20/2017	3.15	3.16	0.01	-	816.35	816.36	3/20/2017	10:01	10:06
	3/16/2017	3.15	3.16	0.01	-	816.35	816.36			
	3/13/2017	3.29	3.30	0.01	-	816.21	816.22			
	3/6/2017	-	3.09	-	-	816.42	-			
	3/2/2017	2.96	2.97	0.01	-	816.54	816.55			
	2/27/2017	3.11	3.12	0.01	-	816.39	816.40			
	2/23/2017	3.09	3.10	0.01	-	816.41	816.42			
	2/20/2017	3.11	3.12	0.01	-	816.39	816.40			
	2/17/2017	3.07	3.08	0.01	-	816.43	816.44			
	2/9/2017	2.89	2.90	0.01	-	816.61	816.62			
	2/6/2017	3.30	3.31	0.01	-	816.20	816.21			
	2/2/2017	3.27	3.29	0.02	-	816.22	816.24			
	1/30/2017	3.24	3.25	0.01	-	816.26	816.27			
	1/26/2017	3.12	3.13	0.01	-	816.38	816.39			
	1/23/2017	2.82	2.83	0.01	-	816.68	816.69			

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-31 (cont'd)	1/19/2017	3.45	3.46	0.01		816.05	816.06			
	1/16/2017	3.41	3.42	0.01		816.09	816.10			
	1/12/2017	-	3.57	-		815.94	-			
	1/5/2017	3.18	3.20	0.02		816.31	816.33			
	12/30/2016	4.20	4.60	0.40		814.91	815.20			
	12/21/2016	3.53	3.54	0.01		815.97	815.98			
	12/14/2016	3.46	3.47	0.01		816.04	816.05			
	12/7/2016	-	NM	-		-	-			
	11/10/2016	-	3.51	-		816.00	-			
	10/31/2016	-	3.48	-		816.03	-			
	10/24/2016	-	2.41	-		817.10	-			
	10/17/2016	-	2.26	-		817.25	-			
	10/9/2016	-	2.08	-		817.43	-			
	10/4/2016	-	2.26	-		817.25	-			
	9/27/2016	-	2.10	-		817.41	-			
	9/19/2016	-	2.05	-		817.46	-			
	9/12/2016	-	2.74	-		816.77	-			
9/9/2016	-	2.69	-		816.82	-				
9/6/2016	-	2.62	-		816.89	-				
9/2/2016	-	2.59	-		816.92	-				
RT-2J					817.63					
	3/31/2017	1.14	1.15	0.01		816.48	816.49	3/31/2017	11:12	11:16
	3/27/2017	2.08	2.09	0.01		815.54	815.55	3/27/2017	12:43	12:50
	3/24/2017	0.90	0.91	0.01		816.72	816.73	3/24/2017	12:57	13:08
	3/20/2017	1.80	1.81	0.01		815.82	815.83	3/20/2017	10:10	10:15
	3/16/2017	1.76	1.77	0.01		815.86	815.87	3/17/2017	11:10	11:14
	3/13/2017	1.99	2.00	0.01		816.38	816.39	3/15/2017	13:37	13:39
	3/6/2017	2.47	2.48	0.01		815.90	815.91	3/6/2017	10:00	10:04
	3/2/2017	2.02	2.05	0.03		816.33	816.36	3/3/2017	11:57	12:01
	2/27/2017	1.12	1.15	0.03		817.23	817.26	2/27/2017	10:08	10:15
	2/23/2017	2.09	2.10	0.01		816.28	816.29			
	2/20/2017	2.15	2.16	0.01		816.22	816.23			
	2/17/2017	2.12	2.13	0.01		816.25	816.26	2/17/2017	9:18	9:25
	2/9/2017	2.00	2.01	0.01		816.37	816.38	2/9/2017	10:49	10:52
	2/6/2017	2.30	2.31	0.01		816.07	816.08	2/6/2017	13:05	13:09
	2/2/2017	2.30	2.31	0.01		816.07	816.08	2/2/2017	11:09	11:13
	1/30/2017	2.25	2.26	0.01		816.12	816.13	1/30/2017	14:00	14:04
	1/26/2017	2.06	2.08	0.02		816.30	816.32	1/26/2017	10:49	10:51
	1/23/2017	1.92	1.95	0.03		816.43	816.46	1/23/2017	9:38	9:50
	1/19/2017	2.40	2.50	0.10		815.88	815.96	1/19/2017	9:17	9:21
	1/16/2017	2.38	2.49	0.11		815.89	815.97	1/16/2017	9:38	9:41
	1/12/2017	2.24	2.31	0.07		816.07	816.12			
	1/5/2017	2.19	2.28	0.09		816.10	816.17			
	12/30/2016	3.10	3.60	0.50		814.78	815.15			
	12/21/2016	2.49	2.60	0.11		815.78	815.86			
	12/14/2016	2.35	2.49	0.14		815.89	816.00			
	12/7/2016	-	2.17	-		816.21	-			
	11/10/2016	2.44	2.57	0.13		815.81	815.91			
	10/31/2016	2.35	2.53	0.18		815.85	815.98			
	10/24/2016	2.30	2.53	0.23		815.85	816.02			
	10/17/2016	-	1.35	-		817.03	-			
	10/9/2016	-	2.20	-		816.18	-			
	10/4/2016	1.95	2.05	0.10		816.33	816.41			
	9/27/2016	1.90	2.00	0.10		816.38	816.46			
	9/19/2016	-	1.25	-		817.13	-			
	9/12/2016	-	2.02	-		816.36	-			

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-2J (cont'd)	9/9/2016	-	1.88	-		816.50	-			
	9/6/2016	-	1.73	-		816.65	-			
	9/2/2016	-	1.70	-		816.68	-			
RT-2K				817.40						
	3/31/2017	-	2.80	-		814.60	-	3/31/2017	11:18	11:22
	3/27/2017	2.83	2.84	0.01		814.56	814.57	3/27/2017	12:51	12:59
	3/24/2017	1.28	1.30	0.02		816.10	816.11	3/24/2017	13:10	13:21
	3/20/2017	1.34	1.36	0.02		816.04	816.05	3/20/2017	10:17	10:22
	3/16/2017	1.36	1.39	0.03		816.01	816.03	3/17/2017	11:16	11:20
	3/13/2017	1.30	1.34	0.04		816.12	816.15	3/15/2017	13:42	13:50
	3/6/2017	2.86	2.87	0.01		814.59	814.60	3/6/2017	10:06	10:21
	3/2/2017	1.08	1.10	0.02		816.36	816.37	3/3/2017	12:02	12:06
	2/27/2017	1.30	1.31	0.01		816.15	816.16	2/27/2017	10:17	10:26
	2/23/2017	2.03	2.04	0.01		815.42	815.43			
	2/20/2017	2.34	2.35	0.01		815.11	815.12			
	2/17/2017	1.39	1.40	0.01		816.06	816.07	2/17/2017	9:10	9:17
	2/9/2017	1.13	1.14	0.01		816.32	816.33	2/9/2017	10:53	10:58
	2/6/2017	2.57	2.58	0.01		814.88	814.89	2/6/2017	12:58	13:03
	2/2/2017	2.01	2.02	0.01		815.44	815.45	2/2/2017	11:15	11:19
	1/30/2017	1.81	1.82	0.01		815.64	815.65	1/30/2017	14:06	14:11
	1/26/2017	1.05	1.06	0.01		816.40	816.41	1/26/2017	10:36	10:47
	1/23/2017	1.10	1.11	0.01		816.35	816.36	1/23/2017	9:55	10:10
	1/19/2017	1.70	1.72	0.02		815.74	815.75	1/19/2017	9:23	9:28
	1/16/2017	1.72	1.73	0.01		815.73	815.74	1/16/2017	9:43	9:48
	1/12/2017	-	1.70	-		815.76	-			
	1/5/2017	-	1.06	-		816.40	-			
	12/30/2016	3.60	3.80	0.20		813.66	813.80			
	12/21/2016	1.19	1.20	0.01		816.26	816.27			
	12/14/2016	1.11	1.12	0.01		816.34	816.35			
	12/7/2016	-	1.01	-		816.45	-			
	11/10/2016	-	1.42	-		816.04	-			
	10/31/2016	-	1.36	-		816.10	-			
	10/24/2016	-	1.32	-		816.14	-			
	10/17/2016	-	2.07	-		815.39	-			
	10/9/2016	-	1.10	-		816.36	-			
	10/4/2016	-	1.32	-		816.14	-			
	9/27/2016	-	1.19	-		816.27	-			
	9/19/2016	-	NM	-		-	-			
	9/12/2016	-	NM	-		-	-			
	9/9/2016	-	1.04	-		816.42	-			
	9/6/2016	-	1.10	-		816.36	-			
	9/2/2016	-	1.05	-		816.41	-			
RT-2L					819.54					
	3/31/2017	2.85	2.92	0.07		816.62	816.67			
	3/27/2017	3.08	3.12	0.04		816.42	816.45	3/27/2017	13:07	13:17
	3/24/2017	2.60	2.70	0.10		816.84	816.91	3/24/2017	13:23	13:30
	3/20/2017	2.78	2.87	0.09		816.67	816.74	3/20/2017	10:24	10:30
	3/16/2017	2.60	2.70	0.10		816.84	816.91	3/17/2017	11:22	11:30
	3/13/2017	3.47	3.60	0.13		816.78	816.87	3/15/2017	14:00	14:07
	3/6/2017	4.14	4.20	0.06		816.18	816.22	3/6/2017	10:23	10:27
	3/2/2017	4.24	4.36	0.12		816.02	816.10	3/3/2017	12:08	12:12
	2/27/2017	3.95	4.06	0.11		816.32	816.40	2/27/2017	10:27	10:34
	2/23/2017	4.01	4.15	0.14		816.23	816.33			
	2/20/2017	4.22	4.33	0.11		816.05	816.13			
	2/17/2017	3.91	4.06	0.15		816.32	816.43	2/17/2017	9:02	9:08
	2/9/2017	3.95	4.05	0.10		816.33	816.40			

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
RT-2L (cont'd)	2/6/2017	4.25	4.40	0.15		815.98	816.09	2/6/2017	12:52	12:56
	2/2/2017	4.15	4.35	0.20		816.03	816.17	2/2/2017	11:23	11:27
	1/30/2017	4.27	4.39	0.12		815.99	816.07	1/30/2017	13:45	13:50
	1/26/2017	3.82	3.98	0.16		816.40	816.51	1/26/2017	10:30	10:35
	1/23/2017	3.69	3.82	0.13		816.56	816.65	1/23/2017	10:15	10:21
	1/19/2017	4.22	4.42	0.20		815.96	816.10	1/19/2017	9:30	9:35
	1/16/2017	4.12	4.33	0.21		816.05	816.20	1/16/2017	9:51	9:55
	1/12/2017	4.00	4.80	0.80		815.58	816.16			
	1/5/2017	3.77	3.95	0.18		816.43	816.56			
	12/30/2016	4.00	4.20	0.20		816.18	816.32			
	12/21/2016	4.35	4.59	0.24		815.79	815.96			
	12/14/2016	4.30	4.50	0.20		815.88	816.02			
	12/7/2016	3.95	4.11	0.16		816.27	816.38			
	11/10/2016	4.42	4.62	0.20		815.76	815.90			
	10/31/2016	4.35	4.50	0.15		815.88	815.99			
	10/24/2016	4.23	4.45	0.22		815.93	816.09			
	10/17/2016	4.14	4.35	0.21		816.03	816.18	10/17/2016	16:55	17:06
	10/9/2016	-	NM	-		-	-			
	10/4/2016	3.95	4.15	0.20		816.23	816.37			
	9/27/2016	3.82	4.07	0.25		816.31	816.49			
	9/19/2016	3.80	4.10	0.30		816.28	816.50			
9/12/2016	3.69	3.94	0.25		816.44	816.62	9/12/2016	12:25	12:29	
9/9/2016	3.70	3.95	0.25		816.43	816.61	9/9/2016	11:00	11:15	
9/6/2016	3.50	3.84	0.34		816.54	816.79	9/6/2016	14:21	14:24	
9/2/2016	3.40	3.78	0.38		816.60	816.87	9/2/2016	14:03	14:06	
RW-01					851.92					
	3/31/2017	-	14.37	-		837.55	-			
	3/27/2017	15.79	15.80	0.01		836.12	836.13			
	3/24/2017	15.73	15.74	0.01		836.18	836.19			
	3/20/2017	15.22	15.24	0.02		836.68	836.70			
	3/16/2017	14.31	14.32	0.01		837.60	837.61			
	3/13/2017	15.51	15.52	0.01		836.40	836.41			
	3/6/2017	-	15.36	-		836.56	-			
	3/2/2017	14.95	14.96	0.01		836.96	836.97			
	2/27/2017	15.08	15.09	0.01		836.83	836.84			
	2/23/2017	14.50	14.51	0.01		837.41	837.42			
	2/20/2017	14.30	14.31	0.01		837.61	837.62			
	2/17/2017	13.75	13.76	0.01		838.16	838.17			
	2/9/2017	12.70	12.71	0.01		839.21	839.22			
	2/6/2017	15.40	15.41	0.01		836.51	836.52			
	2/2/2017	15.21	15.22	0.01		836.70	836.71			
	1/30/2017	14.66	14.67	0.01		837.25	837.26			
	1/26/2017	12.94	12.95	0.01		838.97	838.98			
	1/23/2017	12.39	12.40	0.01		839.52	839.53			
	1/19/2017	18.17	18.18	0.01		833.74	833.75			
	1/16/2017	17.85	17.86	0.01		834.06	834.07			
	1/12/2017	-	17.25	-		834.67	-			
	1/5/2017	17.37	17.38	0.01		834.54	834.55			
	12/30/2016	19.10	19.80	0.70		832.12	832.64			
	12/21/2016	-	20.43	-		831.49	-			
	12/14/2016	19.41	19.42	0.01		832.50	832.51			
	12/7/2016	-	19.75	-		832.17	-			
	11/10/2016	-	20.15	-		831.77	-			
	10/31/2016	-	20.03	-		831.89	-			
	10/24/2016	-	19.85	-		832.07	-			
	10/17/2016	-	19.10	-		832.82	-			

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)	10/9/2016	-	19.13	-		832.79	-			
	10/4/2016	-	19.08	-		832.84	-			
	9/27/2016	-	18.88	-		833.04	-			
	9/19/2016	-	18.03	-		833.89	-			
	9/12/2016	-	17.96	-		833.96	-			
	9/9/2016	-	12.18	-		839.74	-			
	9/6/2016	-	16.90	-		835.02	-			
	9/2/2016	-	16.86	-		835.06	-			
RW-02					852.69					
	3/31/2017	25.65	NO WATER	0.07		-	-			
	3/27/2017	25.56	25.64	0.08		827.05	827.11			
	3/24/2017	25.61	25.62	0.01		827.07	827.08			
	3/20/2017	25.61	NO WATER	0.11		-	-			
	3/16/2017	25.64	25.65	0.01		827.04	827.05			
	3/13/2017	-	25.25	-		827.44	-			
	3/6/2017	-	25.25	-		827.44	-			
	3/2/2017	-	25.25	-		827.44	-			
	2/27/2017	-	25.25	-		827.44	-			
	2/23/2017	-	25.25	-		827.44	-			
	2/20/2017	-	25.25	-		827.44	-			
	2/17/2017	-	25.25	-		827.44	-			
	2/9/2017	-	25.25	-		827.44	-			
	2/6/2017	-	25.25	-		827.44	-			
	2/2/2017	-	25.25	-		827.44	-			
	1/30/2017	-	25.25	-		827.44	-			
	1/26/2017	-	25.25	-		827.44	-			
	1/23/2017	-	25.25	-		827.44	-			
	1/19/2017	-	25.25	-		827.44	-			
	1/16/2017	-	25.25	-		827.44	-			
	1/12/2017	-	25.25	-		827.44	-			
	1/5/2017	-	25.25	-		827.44	-			
	12/30/2016	25.00	25.70	0.70		826.99	827.50			
	12/21/2016	25.10	25.11	0.01		827.58	827.59			
	12/14/2016	25.09	25.10	0.01		827.59	827.60			
	12/7/2016	-	25.06	-		827.63	-			
	11/10/2016	24.69	25.26	0.57		827.43	827.85			
	10/31/2016	24.88	25.44	0.56		827.25	827.66			
	10/24/2016	24.72	25.36	0.64		827.33	827.80			
	10/17/2016	24.12	24.46	0.34		828.23	828.48			
	10/9/2016	24.03	24.20	0.17		828.49	828.61			
	10/4/2016	24.10	24.40	0.30		828.29	828.51			
	9/27/2016	24.02	24.36	0.34		828.33	828.58			
	9/19/2016	23.90	24.30	0.40		828.39	828.68			
	9/12/2016	23.60	23.96	0.36		828.73	828.99			
	9/9/2016	23.46	23.78	0.32		828.91	829.14			
	9/6/2016	23.56	23.73	0.17		828.96	829.08			
	9/2/2016	23.51	23.68	0.17		829.01	829.13			
RW-03					852.34					
	3/31/2017	25.64	25.65	0.01		826.69	826.70			
	3/27/2017	25.62	25.63	0.01		826.71	826.72			
	3/24/2017	25.56	25.65	0.09		826.69	826.75			
	3/20/2017	-	25.65	-		826.69	-			
	3/16/2017	25.71	25.73	0.02		826.61	826.62			
	3/13/2017	25.65	25.66	0.01		826.68	826.69			
	3/6/2017	25.79	25.80	0.01		826.54	826.55			
	3/2/2017	25.75	25.76	0.01		826.58	826.59			

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-03 (cont'd)	2/27/2017	25.81	25.82	0.01		826.52	826.53			
	2/23/2017	25.75	25.76	0.01		826.58	826.59			
	2/20/2017	25.78	25.79	0.01		826.55	826.56			
	2/17/2017	25.81	25.82	0.01		826.52	826.53			
	2/9/2017	26.03	26.04	0.01		826.30	826.31			
	2/6/2017	26.05	26.06	0.01		826.28	826.29			
	2/2/2017	26.31	26.32	0.01		826.02	826.03			
	1/30/2017	26.40	26.41	0.01		825.93	825.94			
	1/26/2017	26.58	26.60	0.02		825.74	825.75			
	1/23/2017	26.71	26.72	0.01		825.62	825.63			
	1/19/2017	26.82	26.84	0.02		825.50	825.51			
	1/16/2017	26.80	26.81	0.01		825.53	825.54			
	1/12/2017	32.67	NO WATER	0.72		-	-			
	1/5/2017	26.89	26.91	0.02		825.43	825.44			
	12/30/2016	26.00	26.30	0.30		826.04	826.26	12/30/2016	8:50	8:59
	12/21/2016	26.68	27.05	0.37		825.29	825.56			
	12/14/2016	26.53	26.90	0.37		825.44	825.71			
	12/7/2016	26.32	26.68	0.36		825.66	825.92			
	11/10/2016	30.88	32.84	1.96		819.50	820.93			
	10/31/2016	25.32	25.70	0.38		826.64	826.92			
	10/24/2016	25.15	25.50	0.35		826.84	827.09			
	10/17/2016	24.30	24.70	0.40		827.64	827.93			
	10/9/2016	24.18	24.50	0.32		827.84	828.07			
	10/4/2016	24.38	24.66	0.28		827.68	827.88			
	9/27/2016	24.30	24.52	0.22		827.82	827.98			
	9/19/2016	23.84	24.26	0.42		828.08	828.39			
	9/12/2016	23.69	23.93	0.24		828.41	828.58			
	9/9/2016	23.58	23.79	0.21		828.55	828.70			
	9/6/2016	23.21	23.46	0.25		828.88	829.06			
	9/2/2016	23.16	23.38	0.22		828.96	829.12			
RW-04					853.93					
	3/31/2017	31.39	32.25	0.86		821.68	822.31			
	3/27/2017	31.39	32.27	0.88		821.66	822.30			
	3/24/2017	31.43	32.34	0.91		821.59	822.26			
	3/20/2017	31.55	32.40	0.85		821.53	822.15	3/20/2017	11:20	11:24
	3/16/2017	31.63	32.49	0.86		821.44	822.07	3/17/2017	9:25	9:32
	3/13/2017	31.68	32.60	0.92		821.33	822.00	3/15/2017	15:07	15:16
	3/6/2017	31.84	32.90	1.06		821.03	821.81	3/6/2017	10:31	10:34
	3/2/2017	31.80	32.90	1.10		821.03	821.84	3/3/2017	13:01	13:10
	2/27/2017	31.88	32.96	1.08		820.97	821.76	2/27/2017	11:26	11:32
	2/23/2017	31.90	33.02	1.12		820.91	821.73	2/24/2017	13:21	13:34
	2/20/2017	31.95	33.07	1.12		820.86	821.68	2/21/2017	13:32	13:39
	2/17/2017	32.02	33.14	1.12		820.79	821.61	2/17/2017	10:49	10:54
	2/9/2017	32.25	33.30	1.05		820.63	821.40	2/9/2017	11:12	11:20
	2/6/2017	32.32	33.28	0.96		820.65	821.35			
	2/2/2017	32.55	33.59	1.04		820.34	821.10	2/2/2017	12:28	12:35
	1/30/2017	32.62	33.65	1.03		820.28	821.03			
	1/26/2017	32.70	34.01	1.31		819.92	820.88			
	1/23/2017	32.75	34.15	1.40		819.78	820.80			
	1/19/2017	32.78	34.23	1.45		819.70	820.76	1/19/2017	11:25	11:35
	1/16/2017	32.75	34.25	1.50		819.68	820.78			
	1/12/2017	34.12	NO WATER	0.92		-	-	1/12/2017	10:00	10:30
	1/5/2017	32.70	34.33	1.63		819.60	820.79			
	12/30/2016	33.20	35.00	1.80		818.93	820.25	12/30/2016	9:00	9:10
	12/21/2016	32.46	33.98	1.52		819.95	821.06	12/22/2016	14:07	14:17
	12/14/2016	32.32	33.80	1.48		820.13	821.21			

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-04 (cont'd)	12/7/2016	32.09	33.58	1.49		820.35	821.44				
	11/10/2016	31.20	33.00	1.80		820.93	822.25	11/10/2016	11:19	11:29	
	10/31/2016	30.78	32.78	2.00		821.15	822.61				
	10/24/2016	30.55	32.50	1.95		821.43	822.86	10/24/2016	11:59	12:04	
	10/17/2016	30.40	31.85	1.45		822.08	823.14	10/17/2016	15:59	16:07	
	10/9/2016	30.28	31.73	1.45		822.20	823.26				
	10/4/2016	30.10	30.75	0.65		823.18	823.66				
	9/27/2016	29.80	30.23	0.43		823.70	824.02				
	9/19/2016	29.46	29.80	0.34		824.13	824.38				
	9/12/2016	29.13	29.60	0.47		824.33	824.68	9/12/2016	11:40	11:55	
	9/9/2016	29.05	29.40	0.35		824.53	824.79				
	9/6/2016	28.40	29.35	0.95		824.58	825.28	9/6/2016	15:38	15:40	
	9/2/2016	28.70	29.10	0.40		824.83	825.12	9/2/2016	14:17	14:19	
	RW-05					853.53					
		3/31/2017	34.08	34.46	0.38		819.07	819.35			
	3/27/2017	34.05	34.40	0.35		819.13	819.39				
	3/24/2017	34.08	34.40	0.32		819.13	819.37				
	3/20/2017	34.14	34.40	0.26		819.13	819.32				
	3/16/2017	34.14	34.38	0.24		819.15	819.33				
	3/13/2017	34.34	34.60	0.26		818.93	819.12				
	3/6/2017	34.75	35.05	0.30		818.48	818.70				
	3/2/2017	34.77	34.93	0.16		818.60	818.72	3/3/2017	12:44	12:51	
	2/27/2017	34.75	35.25	0.50		818.28	818.65	2/27/2017	11:15	11:22	
	2/23/2017	34.76	35.18	0.42		818.35	818.66				
	2/20/2017	34.80	35.15	0.35		818.38	818.64				
	2/17/2017	34.84	35.13	0.29		818.40	818.62				
	2/9/2017	34.82	35.85	1.03		817.68	818.44	2/9/2017	11:00	11:08	
	2/6/2017	34.81	35.90	1.09		817.63	818.43				
	2/2/2017	34.82	35.94	1.12		817.59	818.41	2/2/2017	12:20	12:24	
	1/30/2017	34.82	35.94	1.12		817.59	818.41				
	1/26/2017	34.88	36.05	1.17		817.48	818.34				
	1/23/2017	34.96	36.17	1.21		817.36	818.25	1/23/2017	11:40	11:48	
	1/19/2017	35.08	36.35	1.27		817.18	818.11	1/19/2017	11:07	11:17	
	1/16/2017	35.06	36.30	1.24		817.23	818.14	1/16/2017	10:50	11:00	
	1/12/2017	-	NM	-		-	-	1/12/2017	10:35	11:05	
	1/5/2017	35.11	36.10	0.99		817.43	818.16				
	12/30/2016	36.00	36.40	0.40		817.13	817.43	12/30/2016	9:12	9:22	
	12/21/2016	35.06	36.40	1.34		817.13	818.11	12/22/2016	13:56	14:06	
	12/14/2016	35.00	36.34	1.34		817.19	818.17				
	12/7/2016	-	34.50	-		819.03	-				
	11/10/2016	34.55	35.95	1.40		817.58	818.61	11/10/2016	11:30	11:46	
	10/31/2016	32.23	35.86	3.63		817.67	820.32				
	10/24/2016	34.10	35.68	1.58		817.85	819.01	10/24/2016	12:07	12:13	
	10/17/2016	33.91	35.46	1.55		818.07	819.20	10/17/2016	16:07	16:19	
	10/9/2016	33.60	35.20	1.60		818.33	819.50				
	10/4/2016	33.70	34.75	1.05		818.78	819.55	10/4/2016	12:00	12:05	
	9/27/2016	33.30	35.15	1.85		818.38	819.73	9/27/2016	10:30	10:37	
	9/19/2016	33.08	34.70	1.62		818.83	820.02	9/19/2016	14:05	14:12	
	9/12/2016	33.20	33.32	0.12		820.21	820.30				
	9/9/2016	33.10	33.18	0.08		820.35	820.41				
	9/6/2016	32.94	33.24	0.30		820.29	820.51	9/6/2016	15:28	15:30	
	9/2/2016	32.80	33.02	0.22		820.51	820.67				
RW-06					846.21						
	3/31/2017	27.78	27.79	0.01		818.42	818.43				
	3/27/2017	27.98	28.00	0.02		818.21	818.22				
	3/24/2017	27.72	27.73	0.01		818.48	818.49				

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-06 (cont'd)	3/20/2017	27.82	27.83	0.01		818.38	818.39			
	3/16/2017	27.90	27.93	0.03		818.28	818.30			
	3/13/2017	28.15	28.17	0.02		818.04	818.05			
	3/6/2017	28.50	28.60	0.10		817.61	817.68			
	3/2/2017	28.50	28.55	0.05		817.66	817.69			
	2/27/2017	28.50	28.62	0.12		817.59	817.68			
	2/23/2017	28.54	28.60	0.06		817.61	817.65			
	2/20/2017	28.55	28.60	0.05		817.61	817.64			
	2/17/2017	28.56	28.60	0.04		817.61	817.64			
	2/9/2017	28.71	28.76	0.05		817.45	817.48			
	2/6/2017	28.73	28.77	0.04		817.44	817.47			
	2/2/2017	28.72	28.79	0.07		817.42	817.47			
	1/30/2017	28.74	28.80	0.06		817.41	817.45			
	1/26/2017	28.71	28.75	0.04		817.46	817.49			
	1/23/2017	28.80	28.85	0.05		817.36	817.39	1/23/2017	11:50	11:55
	1/19/2017	29.05	29.10	0.05		817.11	817.14	1/19/2017	10:50	11:00
	1/16/2017	29.00	29.02	0.02		817.19	817.20	1/16/2017	11:05	11:15
	1/12/2017	24.90	27.50	2.60		818.71	820.61	1/12/2017	11:08	11:28
	1/5/2017	28.92	29.05	0.13		817.16	817.25			
	12/30/2016	28.00	29.00	1.00		817.21	817.94	12/30/2016	9:30	9:41
	12/21/2016	28.99	29.45	0.46		816.76	817.09	12/22/2016	12:50	13:00
	12/14/2016	28.92	29.35	0.43		816.86	817.17			
	12/7/2016	28.84	29.92	1.08		816.29	817.08			
	11/10/2016	28.60	29.15	0.55		817.06	817.46			
	10/31/2016	28.43	28.80	0.37		817.41	817.68			
	10/24/2016	29.25	29.63	0.38		816.58	816.86	10/24/2016	12:15	12:20
	10/17/2016	28.07	28.56	0.49		817.65	818.01	10/17/2016	16:20	16:26
	10/9/2016	27.83	28.32	0.49		817.89	818.25			
	10/4/2016	27.75	28.25	0.50		817.96	818.32	10/4/2016	12:15	12:25
	9/27/2016	27.45	28.42	0.97		817.79	818.50	9/27/2016	10:44	10:49
9/19/2016	27.20	28.14	0.94		818.07	818.75	9/19/2016	14:15	14:21	
9/12/2016	27.03	27.80	0.77		818.41	818.97	9/12/2016	11:59	12:02	
9/9/2016	26.91	27.70	0.79		818.51	819.09	9/9/2016	9:45	9:55	
9/6/2016	26.95	27.48	0.53		818.73	819.12	9/6/2016	15:18	15:21	
9/2/2016	26.70	27.26	0.56		818.95	819.36	9/2/2016	13:51	13:59	
RW-07					843.19					
	3/31/2017	23.50	25.33	1.83		817.86	819.20	3/31/2017	10:11	10:16
	3/27/2017	23.99	26.12	2.13		817.07	818.63			
	3/24/2017	23.45	25.25	1.80		817.94	819.26			
	3/20/2017	23.90	25.85	1.95		817.34	818.77	3/20/2017	11:07	11:15
	3/16/2017	23.89	25.73	1.84		817.46	818.81	3/17/2017	10:02	10:13
	3/13/2017	24.03	26.15	2.12		817.04	818.59	3/15/2017	14:50	14:56
	3/6/2017	24.35	26.45	2.10		816.74	818.27	3/6/2017	8:50	8:57
	3/2/2017	24.32	26.50	2.18		816.69	818.28	3/3/2017	12:37	12:41
	2/27/2017	24.35	26.60	2.25		816.59	818.23	2/27/2017	10:59	11:07
	2/23/2017	24.34	26.59	2.25		816.60	818.24	2/24/2017	13:09	13:19
	2/20/2017	24.37	26.64	2.27		816.55	818.21	2/21/2017	12:37	12:43
	2/17/2017	24.37	26.65	2.28		816.54	818.21	2/17/2017	10:22	10:27
	2/9/2017	24.45	26.82	2.37		816.37	818.10	2/9/2017	9:05	9:14
	2/6/2017	24.52	26.98	2.46		816.21	818.01	2/6/2017	13:43	13:52
	2/2/2017	24.50	26.95	2.45		816.24	818.03	2/2/2017	11:30	11:41
	1/30/2017	24.48	26.90	2.42		816.29	818.06	1/30/2017	12:48	13:01
	1/26/2017	24.44	26.75	2.31		816.44	818.13	1/26/2017	12:10	12:21
	1/23/2017	24.45	26.80	2.35		816.39	818.11			
	1/19/2017	24.22	27.44	3.22		815.75	818.10	1/19/2017	9:40	9:48
	1/16/2017	24.70	27.35	2.65		815.84	817.78	1/16/2017	11:18	11:28

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-07 (cont'd)	1/12/2017	18.70	20.19	1.49		823.00	824.09	1/12/2017	11:30	12:00
	1/5/2017	24.61	27.21	2.60		815.98	817.88			
	12/30/2016	24.00	27.10	3.10		816.09	818.35			
	12/21/2016	24.74	27.80	3.06		815.39	817.63	12/22/2016	13:00	13:10
	12/14/2016	24.68	27.79	3.11		815.40	817.67			
	12/7/2016	24.57	27.61	3.04		815.58	817.80			
	11/10/2016	24.58	27.16	2.58		816.03	817.92	11/10/2016	11:49	12:03
	10/31/2016	24.45	26.70	2.25		816.49	818.13			
	10/24/2016	24.35	26.35	2.00		816.84	818.30	10/24/2016	12:21	12:27
	10/17/2016	24.26	26.08	1.82		817.11	818.44	10/17/2016	16:27	16:35
	10/9/2016	24.13	25.36	1.23		817.83	818.73			
	10/4/2016	24.03	25.25	1.22		817.94	818.83	10/4/2016	12:37	12:42
	9/27/2016	23.85	25.25	1.40		817.94	818.96	9/27/2016	10:49	10:58
	9/19/2016	23.65	24.86	1.21		818.33	819.22	9/19/2016	14:21	14:26
	9/12/2016	23.40	24.75	1.35		818.44	819.43	9/12/2016	12:03	12:09
	9/9/2016	23.30	24.64	1.34		818.55	819.53	9/9/2016	10:00	10:10
	9/6/2016	23.16	24.54	1.38		818.65	819.66	9/6/2016	15:05	15:11
9/2/2016	23.00	24.48	1.48		818.71	819.79	9/2/2016	13:44	13:46	
RW-08					835.48					
	3/31/2017	16.50	16.83	0.33		818.65	818.89			
	3/27/2017	17.74	18.47	0.73		817.01	817.54			
	3/24/2017	16.58	17.15	0.57		818.33	818.74			
	3/20/2017	17.30	18.39	1.09		817.09	817.88	3/20/2017	10:52	11:03
	3/16/2017	17.61	17.96	0.35		817.52	817.77			
	3/13/2017	17.80	18.55	0.75		816.93	817.48	3/15/2017	14:25	14:32
	3/6/2017	17.60	19.03	1.43		816.45	817.49	3/6/2017	8:34	8:41
	3/2/2017	17.57	19.07	1.50		816.41	817.50	3/3/2017	12:30	12:37
	2/27/2017	17.62	19.15	1.53		816.33	817.44	2/27/2017	10:49	10:56
	2/23/2017	17.72	18.85	1.13		816.63	817.45	2/24/2017	12:45	12:59
	2/20/2017	17.59	19.28	1.69		816.20	817.43	2/21/2017	12:45	12:51
	2/17/2017	17.51	19.53	2.02		815.95	817.42	2/17/2017	10:38	10:43
	2/9/2017	17.85	18.89	1.04		816.59	817.35	2/9/2017	9:16	9:24
	2/6/2017	17.83	19.30	1.47		816.18	817.25	2/6/2017	13:30	13:41
	2/2/2017	17.91	18.96	1.05		816.52	817.28	2/2/2017	11:43	11:57
	1/30/2017	17.86	19.03	1.17		816.45	817.30	1/30/2017	12:20	12:31
	1/26/2017	17.80	18.95	1.15		816.53	817.37	1/26/2017	11:50	12:08
	1/23/2017	17.61	19.38	1.77		816.10	817.39	1/23/2017	10:40	10:55
	1/19/2017	17.92	20.15	2.23		815.33	816.96	1/19/2017	9:50	10:00
	1/16/2017	17.80	20.26	2.46		815.22	817.01	1/16/2017	10:05	10:15
	1/12/2017	18.00	20.40	2.40		815.08	816.83	1/12/2017	12:02	12:32
	1/5/2017	17.70	20.10	2.40		815.38	817.13			
	12/30/2016	17.00	20.00	3.00		815.48	817.67			
	12/21/2016	17.99	20.33	2.34		815.15	816.86			
	12/14/2016	17.95	20.15	2.20		815.33	816.93			
	12/7/2016	17.95	19.73	1.78		815.75	817.05			
	11/10/2016	18.26	18.60	0.34		816.88	817.13	11/10/2016	12:05	12:17
	10/31/2016	18.10	18.55	0.45		816.93	817.26			
	10/24/2016	17.82	18.55	0.73		816.93	817.46	10/24/2016	12:27	12:33
	10/17/2016	17.70	18.42	0.72		817.06	817.58	10/17/2016	16:35	16:44
	10/9/2016	17.21	18.50	1.29		816.98	817.92			
	10/4/2016	17.02	18.42	1.40		817.06	818.08	10/4/2016	12:54	13:00
	9/27/2016	17.08	18.48	1.40		817.00	818.02	9/27/2016	10:58	11:08
	9/19/2016	16.87	18.25	1.38		817.23	818.24	9/19/2016	14:26	14:31
	9/12/2016	16.81	17.53	0.72		817.95	818.47	9/12/2016	12:09	12:14
	9/9/2016	16.73	17.24	0.51		818.24	818.61	9/9/2016	10:15	10:25
	9/6/2016	16.65	17.15	0.50		818.33	818.69	9/6/2016	14:56	14:58

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 (cont'd)	9/2/2016	16.45	17.10	0.65		818.38	818.85	9/2/2016	13:34	13:36
RW-09					835.12					
	3/31/2017	13.92	14.06	0.14		821.06	821.17			
	3/27/2017	14.59	16.38	1.79		818.74	820.05			
	3/24/2017	14.02	14.70	0.68		820.42	820.92			
	3/20/2017	13.88	14.64	0.76		820.48	821.04	3/20/2017	10:41	10:49
	3/16/2017	14.24	16.00	1.76		819.12	820.41	3/17/2017	9:42	9:51
	3/13/2017	14.42	16.40	1.98		818.72	820.17	3/15/2017	14:10	14:21
	3/6/2017	14.75	16.47	1.72		818.65	819.91	3/6/2017	8:24	8:30
	3/2/2017	14.75	16.48	1.73		818.64	819.91	3/3/2017	12:17	12:25
	2/27/2017	14.80	16.60	1.80		818.52	819.84	2/27/2017	10:40	10:47
	2/23/2017	14.78	16.60	1.82		818.52	819.85	2/24/2017	12:04	12:09
	2/20/2017	14.80	16.60	1.80		818.52	819.84	2/21/2017	13:01	13:11
	2/17/2017	14.80	16.60	1.80		818.52	819.84	2/17/2017	10:30	10:36
	2/9/2017	14.90	16.72	1.82		818.40	819.73	2/9/2017	9:25	9:34
	2/6/2017	14.98	16.88	1.90		818.24	819.63	2/6/2017	13:17	13:27
	2/2/2017	14.96	16.90	1.94		818.22	819.64	2/2/2017	12:04	12:15
	1/30/2017	14.92	16.80	1.88		818.32	819.70	1/30/2017	12:33	12:45
	1/26/2017	14.84	16.69	1.85		818.43	819.78	1/26/2017	11:40	11:48
	1/23/2017	14.80	16.69	1.89		818.43	819.81	1/23/2017	11:01	11:20
	1/19/2017	15.20	17.30	2.10		817.82	819.36	1/19/2017	10:10	10:20
	1/16/2017	15.15	17.20	2.05		817.92	819.42	1/16/2017	10:18	10:28
	1/12/2017	15.00	16.40	1.40		818.72	819.75	1/12/2017	12:36	13:06
	1/5/2017	15.02	17.02	2.00		818.10	819.56			
	12/30/2016	15.10	17.40	2.30		817.72	819.40			
	12/21/2016	15.26	17.48	2.22		817.64	819.26	12/22/2016	13:20	13:29
	12/14/2016	15.22	17.43	2.21		817.69	819.31			
	12/7/2016	15.10	17.20	2.10		817.92	819.46			
	11/10/2016	15.12	17.06	1.94		818.06	819.48	11/10/2016	12:17	12:29
	10/31/2016	15.00	16.76	1.76		818.36	819.65			
	10/24/2016	14.88	16.53	1.65		818.59	819.80	10/24/2016	12:33	12:39
	10/17/2016	14.76	16.50	1.74		818.62	819.89	10/17/2016	16:44	16:51
	10/9/2016	14.52	15.96	1.44		819.16	820.21			
	10/4/2016	14.43	15.88	1.45		819.24	820.30	10/4/2016	13:10	13:16
	9/27/2016	14.40	16.45	2.05		818.67	820.17	9/27/2016	11:08	11:13
	9/19/2016	14.29	15.40	1.11		819.72	820.53	9/19/2016	14:31	14:40
	9/12/2016	13.97	15.18	1.21		819.94	820.83	9/12/2016	12:14	12:20
	9/9/2016	13.86	15.08	1.22		820.04	820.93	9/9/2016	10:30	10:50
	9/6/2016	13.75	14.89	1.14		820.23	821.07	9/6/2016	14:39	14:51
	9/2/2016	13.60	14.70	1.10		820.42	821.23	9/2/2016	13:28	13:30
RW-10					848.53					
	3/31/2017	17.55	21.66	4.11		826.87	829.87	3/31/2017	11:42	11:48
	3/27/2017	17.64	21.72	4.08		826.81	829.79			
	3/24/2017	17.77	21.48	3.71		827.05	829.76			
	3/20/2017	17.83	21.70	3.87		826.83	829.66	3/20/2017	11:46	11:54
	3/16/2017	18.40	21.05	2.65		827.48	829.42	3/17/2017	8:21	8:30
	3/13/2017	17.78	21.60	3.82		826.93	829.72	3/15/2017	15:31	15:37
	3/6/2017	17.92	21.79	3.87		826.74	829.57	3/6/2017	10:50	10:55
	3/2/2017	17.82	21.84	4.02		826.69	829.63	3/3/2017	9:01	9:11
	2/27/2017	17.86	21.80	3.94		826.73	829.61	2/27/2017	11:54	12:00
	2/23/2017	17.82	21.53	3.71		827.00	829.71	2/24/2017	9:11	9:18
	2/20/2017	17.72	21.90	4.18		826.63	829.68	2/21/2017	8:48	8:59
	2/17/2017	17.54	22.32	4.78		826.21	829.70	2/17/2017	12:08	12:13
	2/9/2017	17.85	22.44	4.59		826.09	829.44	2/9/2017	13:00	13:07
	2/6/2017	17.89	22.50	4.61		826.03	829.40	2/6/2017	10:33	10:43
	2/2/2017	17.76	22.33	4.57		826.20	829.54	2/2/2017	12:50	13:10

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-10 (cont'd)	1/30/2017	17.84	22.63	4.79		825.90	829.40	1/30/2017	10:37	10:49
	1/26/2017	18.09	22.75	4.66		825.78	829.18	1/26/2017	9:30	9:38
	1/23/2017	17.96	23.50	5.54		825.03	829.08	1/23/2017	11:22	11:49
	1/19/2017	18.12	24.20	6.08		824.33	828.77	1/19/2017	10:30	10:40
	1/16/2017	18.26	23.40	5.14		825.13	828.88	1/16/2017	10:35	10:45
	1/12/2017	17.98	23.90	5.92		824.63	828.95	1/12/2017	15:30	16:00
	1/5/2017	18.60	22.96	4.36		825.57	828.76			
	12/30/2016	18.00	24.70	6.70		823.83	828.72	12/30/2016	14:21	14:31
	12/21/2016	17.85	24.64	6.79		823.89	828.85			
	12/14/2016	17.73	24.50	6.77		824.03	828.97	12/14/2016	15:46	15:56
	12/7/2016	17.59	24.26	6.67		824.27	829.14			
	11/10/2016	16.76	22.75	5.99		825.78	830.16	11/10/2016	10:45	10:53
	10/31/2016	16.47	22.15	5.68		826.38	830.53			
	10/24/2016	16.30	21.60	5.30		826.93	830.80	10/24/2016	13:00	13:05
	10/17/2016	16.50	19.55	3.05		828.98	831.21	10/17/2016	15:30	15:41
	10/9/2016	16.41	17.13	0.72		831.40	831.93			
	10/4/2016	16.33	17.00	0.67		831.53	832.02			
	9/27/2016	16.05	16.52	0.47		832.01	832.36			
	9/19/2016	15.61	16.00	0.39		832.53	832.82			
	9/12/2016	15.40	15.73	0.33		832.80	833.04	9/12/2016	13:30	13:35
9/9/2016	15.30	15.55	0.25		832.98	833.17				
9/6/2016	15.08	15.60	0.52		832.93	833.31	9/6/2016	16:28	16:34	
9/2/2016	14.70	15.75	1.05		832.78	833.55	9/2/2016	15:07	15:09	
RW-11					852.97					
	3/31/2017	13.83	14.97	1.14		838.00	838.83			
	3/27/2017	13.90	15.10	1.20		837.87	838.74			
	3/24/2017	13.92	15.10	1.18		837.87	838.73			
	3/20/2017	13.97	15.10	1.13		837.87	838.69	3/20/2017	13:01	13:07
	3/16/2017	14.06	15.23	1.17		837.74	838.59	3/17/2017	8:02	8:12
	3/13/2017	14.09	15.30	1.21		837.67	838.55	3/15/2017	10:42	10:51
	3/6/2017	14.22	15.50	1.28		837.47	838.40	3/6/2017	11:50	11:56
	3/2/2017	14.24	14.25	0.01		838.72	838.72			
	2/27/2017	14.29	15.60	1.31		837.37	838.32	2/27/2017	13:42	13:49
	2/23/2017	14.22	15.75	1.53		837.22	838.33			
	2/20/2017	14.30	15.58	1.28		837.39	838.32			
	2/17/2017	14.28	15.60	1.32		837.37	838.33	2/17/2017	11:00	11:10
	2/9/2017	14.59	15.93	1.34		837.04	838.02			
	2/6/2017	14.60	16.05	1.45		836.92	837.98	2/6/2017	11:25	11:31
	2/2/2017	14.60	15.82	1.22		837.15	838.04			
	1/30/2017	14.65	16.00	1.35		836.97	837.95	1/30/2017	10:08	10:20
	1/26/2017	14.82	16.02	1.20		836.95	837.82			
	1/23/2017	14.76	15.92	1.16		837.05	837.89	1/23/2017	12:01	12:07
	1/19/2017	15.25	17.18	1.93		835.79	837.20	1/19/2017	14:38	14:41
	1/16/2017	15.24	17.12	1.88		835.85	837.22	1/16/2017	12:07	12:14
	1/12/2017	15.15	16.99	1.84		835.98	837.32			
	1/5/2017	15.41	17.75	2.34		835.22	836.93			
	12/30/2016	15.60	18.40	2.80		834.57	836.61	12/30/2016	11:14	11:19
	12/21/2016	15.48	18.23	2.75		834.74	836.75	12/22/2016	15:14	15:23
	12/14/2016	15.38	18.12	2.74		834.85	836.85			
	12/7/2016	15.23	17.92	2.69		835.05	837.01			
	11/10/2016	14.69	17.40	2.71		835.57	837.55	11/10/2016	9:37	9:45
	10/31/2016	14.35	17.13	2.78		835.84	837.87			
	10/24/2016	14.15	16.97	2.82		836.00	838.06	10/24/2016	14:30	14:37
	10/17/2016	13.97	16.57	2.60		836.40	838.30	10/17/2016	17:08	17:12
	10/9/2016	13.12	16.48	3.36		836.49	838.94			
	10/4/2016	13.67	16.65	2.98		836.32	838.49	10/4/2016	13:24	13:32

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-11 (cont'd)	9/27/2016	13.43	15.80	2.37		837.17	838.90	9/27/2016	11:20	11:30
	9/19/2016	13.21	15.44	2.23		837.53	839.16	9/19/2016	15:00	15:06
	9/12/2016	13.03	15.10	2.07		837.87	839.38	9/12/2016	12:40	12:47
	9/9/2016	12.90	14.95	2.05		838.02	839.51	9/9/2016	11:45	12:10
	9/6/2016	12.85	14.75	1.90		838.22	839.60			
	9/2/2016	12.85	14.03	1.18		838.94	839.80	9/2/2016	14:41	14:44
RW-12					852.75					
	3/31/2017	15.45	16.15	0.70		836.60	837.11			
	3/27/2017	15.62	15.77	0.15		836.98	837.09			
	3/24/2017	15.72	15.74	0.02		837.01	837.02			
	3/20/2017	15.77	15.80	0.03		836.95	836.97			
	3/16/2017	15.85	15.86	0.01		836.89	836.90			
	3/13/2017	15.91	15.93	0.02		836.82	836.83			
	3/6/2017	15.98	16.00	0.02		836.75	836.76			
	3/2/2017	15.96	15.97	0.01		836.78	836.79			
	2/27/2017	16.03	16.12	0.09		836.63	836.70			
	2/23/2017	16.02	16.05	0.03		836.70	836.72			
	2/20/2017	16.04	16.08	0.04		836.67	836.70			
	2/17/2017	16.05	16.10	0.05		836.65	836.69			
	2/9/2017	16.35	16.36	0.01		836.39	836.40			
	2/6/2017	16.40	16.42	0.02		836.33	836.34			
	2/2/2017	16.44	16.50	0.06		836.25	836.29			
	1/30/2017	16.40	16.45	0.05		836.30	836.34			
	1/26/2017	14.70	14.71	0.01		838.04	838.05			
	1/23/2017	14.07	14.08	0.01		838.67	838.68			
	1/19/2017	-	DRY	-		-	-			
	1/16/2017	-	21.40	-		831.35	-			
	1/12/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/30/2016	16.70	16.80	0.10		835.95	836.02	12/30/2016	11:44	11:54
	12/21/2016	16.70	NO WATER	0.20		-	-			
	12/14/2016	16.71	NO WATER	0.19		-	-			
	12/7/2016	-	14.00	-		838.75	-			
	11/10/2016	-	15.90	-		836.85	-			
	10/31/2016	-	16.20	-		836.55	-			
	10/24/2016	-	16.03	-		836.72	-			
	10/17/2016	-	15.24	-		837.51	-			
	10/9/2016	-	15.14	-		837.61	-			
	10/4/2016	-	15.08	-		837.67	-			
	9/27/2016	-	NM	-		-	-			
	9/19/2016	-	14.81	-		837.94	-			
	9/12/2016	-	14.71	-		838.04	-			
	9/9/2016	-	14.58	-		838.17	-			
	9/6/2016	-	14.50	-		838.25	-			
	9/2/2016	-	14.40	-		838.35	-			
RW-13					847.97					
	3/31/2017	17.86	19.88	2.02		828.09	829.56	3/31/2017	11:51	12:01
	3/27/2017	17.90	19.98	2.08		827.99	829.51			
	3/24/2017	18.02	19.86	1.84		828.11	829.45			
	3/20/2017	18.05	20.45	2.40		827.52	829.27	3/20/2017	12:28	12:34
	3/16/2017	18.20	20.47	2.27		827.50	829.16	3/17/2017	8:50	9:00
	3/13/2017	18.02	20.24	2.22		827.73	829.35	3/15/2017	10:30	10:41
	3/6/2017	18.12	20.20	2.08		827.77	829.29	3/6/2017	11:01	11:07
	3/2/2017	18.00	20.38	2.38		827.59	829.33	3/3/2017	9:31	9:40
	2/27/2017	18.06	20.30	2.24		827.67	829.30	2/27/2017	11:48	11:53
	2/23/2017	17.90	20.53	2.63		827.44	829.36	2/24/2017	9:01	9:09

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-13 (cont'd)	2/20/2017	17.95	20.45	2.50		827.52	829.34	2/21/2017	8:37	8:45
	2/17/2017	17.89	20.60	2.71		827.37	829.35	2/17/2017	12:15	12:22
	2/9/2017	18.00	21.20	3.20		826.77	829.11	2/9/2017	13:09	13:18
	2/6/2017	18.05	21.22	3.17		826.75	829.06	2/6/2017	10:45	10:52
	2/2/2017	18.10	20.99	2.89		826.98	829.09	2/2/2017	13:55	14:10
	1/30/2017	18.10	21.24	3.14		826.73	829.02	1/30/2017	10:51	11:02
	1/26/2017	18.20	21.67	3.47		826.30	828.83	1/26/2017	9:10	9:25
	1/23/2017	18.17	22.15	3.98		825.82	828.72	1/23/2017	13:30	13:40
	1/19/2017	18.30	22.40	4.10		825.57	828.56	1/19/2017	12:20	12:28
	1/16/2017	18.40	22.02	3.62		825.95	828.59	1/16/2017	13:30	13:40
	1/12/2017	18.28	22.98	4.70		824.99	828.42	1/12/2017	14:45	15:15
	1/5/2017	18.44	22.32	3.88		825.65	828.48			
	12/30/2016	18.80	22.80	4.00		825.17	828.09	12/30/2016	11:34	11:44
	12/21/2016	18.23	22.27	4.04		825.70	828.65	12/22/2016	15:25	15:34
	12/14/2016	18.10	22.09	3.99		825.88	828.79	12/14/2016	15:59	16:09
	12/7/2016	17.97	21.80	3.83		826.17	828.96			
	11/10/2016	17.20	20.15	2.95		827.82	829.97	11/10/2016	11:03	11:07
	10/31/2016	16.83	19.80	2.97		828.17	830.34			
	10/24/2016	16.45	19.83	3.38		828.14	830.61	10/24/2016	13:05	13:13
	10/17/2016	16.35	18.95	2.60		829.02	830.92	10/17/2016	15:41	15:55
	10/9/2016	15.58	18.02	2.44		829.95	831.73			
	10/4/2016	15.53	17.97	2.44		830.00	831.78			
	9/27/2016	15.25	17.23	1.98		830.74	832.18			
	9/19/2016	14.95	16.58	1.63		831.39	832.58	9/19/2016	15:15	15:21
	9/12/2016	14.80	16.20	1.40		831.77	832.79	9/12/2016	13:35	13:41
9/9/2016	14.65	16.13	1.48		831.84	832.92	9/9/2016	11:20	11:35	
9/6/2016	14.44	16.26	1.82		831.71	833.04	9/6/2016	16:12	16:23	
9/2/2016	14.20	15.90	1.70		832.07	833.31	9/2/2016	15:04	15:06	
RW-14					827.54					
	3/31/2017	8.79	8.80	0.01		818.74	818.75			
	3/27/2017	13.17	13.18	0.01		814.36	814.37			
	3/24/2017	9.21	9.23	0.02		818.31	818.32			
	3/20/2017	12.65	12.66	0.01		814.88	814.89			
	3/16/2017	12.67	12.68	0.01		814.86	814.87			
	3/13/2017	13.00	13.03	0.03		814.51	814.53			
	3/6/2017	12.39	12.45	0.06		815.09	815.13			
	3/2/2017	12.40	12.44	0.04		815.10	815.13	3/3/2017	9:41	9:50
	2/27/2017	12.45	12.46	0.01		815.08	815.09			
	2/23/2017	12.43	12.47	0.04		815.07	815.10			
	2/20/2017	12.45	12.48	0.03		815.06	815.08	2/21/2017	13:21	13:29
	2/17/2017	12.39	12.44	0.05		815.10	815.14	2/17/2017	10:40	10:46
	2/9/2017	12.41	12.45	0.04		815.09	815.12			
	2/6/2017	12.56	12.64	0.08		814.90	814.96			
	2/2/2017	12.58	12.65	0.07		814.89	814.94			
	1/30/2017	12.50	12.57	0.07		814.97	815.02			
	1/26/2017	12.43	12.50	0.07		815.04	815.09			
	1/23/2017	12.30	12.36	0.06		815.18	815.22			
	1/19/2017	12.75	12.93	0.18		814.61	814.74			
	1/16/2017	12.70	12.88	0.18		814.66	814.79			
	1/12/2017	-	NM	-		-	-	1/12/2017	14:10	14:40
	1/5/2017	12.59	12.69	0.10		814.85	814.92			
	12/30/2016	12.50	12.70	0.20		814.84	814.99			
	12/21/2016	12.83	13.10	0.27		814.44	814.64			
	12/14/2016	12.75	12.98	0.23		814.56	814.73			
	12/7/2016	12.61	12.72	0.11		814.82	814.90			
	11/10/2016	12.68	12.92	0.24		814.62	814.80			

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 (cont'd)	10/31/2016	12.60	12.88	0.28		814.66	814.86			
	10/24/2016	12.51	12.82	0.31		814.72	814.95			
	10/17/2016	12.36	12.52	0.16		815.02	815.14			
	10/9/2016	12.40	12.50	0.10		815.04	815.11			
	10/4/2016	12.25	12.45	0.20		815.09	815.24			
	9/27/2016	12.10	12.20	0.10		815.34	815.41			
	9/19/2016	12.10	12.20	0.10		815.34	815.41			
	9/12/2016	11.91	12.05	0.14		815.49	815.59			
	9/9/2016	11.90	12.00	0.10		815.54	815.61			
	9/6/2016	13.68	13.77	0.09		813.77	813.84			
9/2/2016	13.65	13.73	0.08		813.81	813.87				
RW-15					851.64					
	3/31/2017	18.82	20.05	1.23		831.59	832.49	3/31/2017	12:55	13:06
	3/27/2017	18.92	19.85	0.93		831.79	832.47			
	3/24/2017	19.04	19.63	0.59		832.01	832.44			
	3/20/2017	19.09	19.74	0.65		831.90	832.37	3/20/2017	12:47	12:53
	3/16/2017	19.29	19.40	0.11		832.24	832.32			
	3/13/2017	19.10	19.50	0.40		832.14	832.43			
	3/6/2017	19.03	20.04	1.01		831.60	832.33	3/6/2017	11:02	11:40
	3/2/2017	19.10	19.66	0.56		831.98	832.39	3/3/2017	10:30	10:40
	2/27/2017	19.08	19.80	0.72		831.84	832.36	2/27/2017	13:20	13:27
	2/23/2017	19.13	19.40	0.27		832.24	832.43			
	2/20/2017	19.12	19.63	0.51		832.01	832.38	2/21/2017	9:40	9:55
	2/17/2017	19.11	19.75	0.64		831.89	832.35	2/17/2017	13:17	13:25
	2/9/2017	19.31	19.97	0.66		831.67	832.15	2/9/2017	14:17	14:28
	2/6/2017	19.29	20.00	0.71		831.64	832.16	2/6/2017	9:30	9:40
	2/2/2017	19.35	19.96	0.61		831.68	832.12	2/2/2017	14:11	14:20
	1/30/2017	19.45	20.10	0.65		831.54	832.01	1/30/2017	12:08	12:18
	1/26/2017	19.68	20.18	0.50		831.46	831.82	1/26/2017	9:55	10:12
	1/23/2017	19.20	20.44	1.24		831.20	832.10	1/23/2017	14:23	14:30
	1/19/2017	19.76	20.71	0.95		830.93	831.62	1/19/2017	14:50	15:01
	1/16/2017	19.85	20.40	0.55		831.24	831.64			
	1/12/2017	19.64	21.00	1.36		830.64	831.63			
	1/5/2017	19.99	20.35	0.36		831.29	831.55			
	12/30/2016	19.70	20.80	1.10		830.84	831.64	12/30/2016	14:05	14:15
	12/21/2016	19.40	20.50	1.10		831.14	831.94	12/22/2016	16:40	16:50
	12/14/2016	19.02	20.95	1.93		830.69	832.10	12/14/2016	16:16	16:26
	12/7/2016	18.88	20.58	1.70		831.06	832.30			
	11/10/2016	-	15.74	-		835.90	-			
	10/31/2016	-	15.70	-		835.94	-			
	10/24/2016	-	15.60	-		836.04	-			
	10/17/2016	-	15.15	-		836.49	-			
	10/9/2016	-	15.08	-		836.56	-			
	10/4/2016	-	15.10	-		836.54	-			
	9/27/2016	-	15.12	-		836.52	-			
	9/19/2016	-	14.94	-		836.70	-			
	9/12/2016	-	14.76	-		836.88	-			
	9/9/2016	-	14.70	-		836.94	-			
	9/6/2016	-	14.44	-		837.20	-			
	9/2/2016	-	14.50	-		837.14	-			
SW-01					812.82					
	3/2/2017	-	(0.90)	-		813.72	-			
	2/2/2017	-	(0.52)	-		813.34	-			
	1/5/2017	-	(0.59)	-		813.41	-			
	12/21/2016	-	(0.44)	-		813.26	-			
	11/28/2016	-	(0.49)	-		813.31	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
SW-01 (cont'd)	9/29/2016	-	(0.30)	-		813.12	-			
SW-02					808.65					
	3/2/2017	-	(1.53)	-		810.18	-			
	2/2/2017	-	(1.50)	-		810.15	-			
	1/5/2017	-	(1.46)	-		810.11	-			
	12/21/2016	-	(1.36)	-		810.01	-			
	11/28/2016	-	(1.00)	-		809.65	-			
	9/29/2016	-	(1.15)	-		809.80	-			
SW-03					815.09					
	3/2/2017	-	(1.62)	-		816.71	-			
	2/2/2017	-	(0.91)	-		816.00	-			
	1/5/2017	-	(0.88)	-		815.97	-			
	12/21/2016	-	(0.46)	-		815.55	-			
	11/28/2016	-	(0.30)	-		815.39	-			
	9/29/2016	-	(0.20)	-		815.29	-			
SW-05					838.75					
	3/2/2017	-	NM	-		-	-			
	2/2/2017	-	NM	-		-	-			
	1/5/2017	-	NM	-		-	-			
	12/21/2016	-	NM	-		-	-			
	11/28/2016	-	NM	-		-	-			
	9/29/2016	-	NM	-		-	-			
SW-08					802.04					
	3/2/2017	-	(1.22)	-		803.26	-			
	2/2/2017	-	(1.25)	-		803.29	-			
	1/5/2017	-	(1.24)	-		803.28	-			
	12/21/2016	-	(1.19)	-		803.23	-			
	11/28/2016	-	(1.08)	-		803.12	-			
	9/29/2016	-	(0.90)	-		802.94	-			
SW-10					778.09					
	3/2/2017	-	(0.47)	-		778.56	-			
	2/2/2017	-	(0.46)	-		778.55	-			
	1/5/2017	-	(0.46)	-		778.55	-			
	12/21/2016	-	(0.47)	-		778.56	-			
	11/28/2016	-	(0.35)	-		778.44	-			
	9/29/2016	-	(0.28)	-		778.37	-			
TW-04R					852.64					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-05R					849.93					
	3/2/2017	-	7.95	-		841.98	-			
	2/2/2017	-	8.10	-		841.83	-			
	1/5/2017	-	7.55	-		842.38	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-14R					853.37					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	3.29	-		850.08	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			

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
TW-14R (cont'd)	9/9/2016	-	DRY	-		-	-			
TW-15R					850.62					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	2.92	-		847.70	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-21					849.70					
	3/2/2017	-	5.88	-		843.82	-			
	2/2/2017	-	6.22	-		843.48	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	9.70	-		840.00	-			
	9/9/2016	-	7.60	-		842.10	-			
TW-28					851.42					
	3/2/2017	24.50	26.15	1.65		825.27	826.48			
	2/2/2017	25.21	25.70	0.49		825.72	826.08			
	1/5/2017	25.74	26.20	0.46		825.22	825.56			
	12/21/2016	25.55	26.00	0.45		825.42	825.75			
	10/17/2016	22.38	22.78	0.40		828.64	828.94			
	9/9/2016	20.34	20.68	0.34		830.74	830.99			
TW-30					851.81					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	21.10	-		830.71	-			
	9/9/2016	-	19.85	-		831.96	-			
TW-34					854.79					
	3/2/2017	-	22.30	-		832.49	-			
	2/2/2017	-	22.23	-		832.56	-			
	1/5/2017	-	22.22	-		832.57	-			
	12/21/2016	-	22.34	-		832.45	-			
	12/7/2016	-	22.21	-		832.58	-			
	10/17/2016	-	23.59	-		831.20	-			
	9/9/2016	-	22.36	-		832.43	-			
TW-35					854.10					
	3/2/2017	-	23.67	-		830.43	-			
	2/2/2017	-	22.66	-		831.44	-			
	1/5/2017	-	22.70	-		831.40	-			
	12/21/2016	-	22.70	-		831.40	-			
	10/17/2016	-	24.18	-		829.92	-			
	9/9/2016	-	22.80	-		831.30	-			
TW-40					853.35					
	3/2/2017	-	29.45	-		823.90	-			
	2/2/2017	-	29.61	-		823.74	-			
	1/5/2017	29.70	29.71	0.01		823.64	823.65			
	12/21/2016	-	29.66	-		823.69	-			
	12/7/2016	-	29.61	-		823.74	-			
	10/17/2016	-	31.25	-		822.10	-			
	9/9/2016	-	28.32	-		825.03	-			
TW-41					849.38					
	3/2/2017	-	29.40	-		819.98	-			
	2/2/2017	-	29.69	-		819.69	-			
	1/5/2017	-	30.00	-		819.38	-			

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
TW-41 (cont'd)	12/21/2016	-	DRY	-		-	-			
	12/7/2016	-	29.86	-		819.52	-			
	10/17/2016	-	30.39	-		818.99	-			
	9/9/2016	-	29.77	-		819.61	-			
TW-42					846.84					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	28.40	-		818.44	-			
9/9/2016	26.08	27.20	1.12		819.64	820.46				
TW-45					848.31					
	3/2/2017	29.00	30.57	1.57		817.74	818.88			
	2/2/2017	29.20	30.99	1.79		817.32	818.63			
	1/5/2017	29.31	31.33	2.02		816.98	818.45			
	12/21/2016	29.40	31.50	2.10		816.81	818.34			
	12/7/2016	-	27.45	-		820.86	-			
	10/17/2016	28.51	28.60	0.09		819.71	819.77			
	9/9/2016	26.20	26.47	0.27		821.84	822.04			
TW-46					846.88					
	3/2/2017	-	NM	-		-	-			
	2/2/2017	-	NM	-		-	-			
	1/5/2017	-	NM	-		-	-			
	12/21/2016	-	NM	-		-	-			
	12/7/2016	29.28	31.41	2.13		815.47	817.03			
	10/17/2016	-	29.31	-		817.57	-			
9/9/2016	-	26.20	-		820.68	-				
TW-55					845.93					
	3/2/2017	-	12.05	-		833.88	-			
	2/2/2017	-	12.72	-		833.21	-			
	1/5/2017	-	14.73	-		831.20	-			
	12/21/2016	-	15.60	-		830.33	-			
	10/17/2016	-	12.33	-		833.60	-			
9/9/2016	-	11.57	-		834.36	-				
TW-59					834.78					
	3/30/2017	-	15.21	-		819.57	-			
	3/27/2017	-	15.25	-		819.53	-			
	3/20/2017	-	15.07	-		819.72	-			
	3/13/2017	-	15.13	-		819.65	-			
	3/10/2017	-	15.02	-		819.76	-			
	3/9/2017	-	14.23	-		820.55	-			
	3/8/2017	-	14.99	-		819.79	-			
	3/7/2017	-	15.02	-		819.76	-			
	3/6/2017	-	18.56	-		816.22	-			
	3/2/2017	-	15.67	-		819.11	-			
	2/2/2017	-	15.90	-		818.88	-			
	1/5/2017	16.05	16.06	0.01		818.72	818.73			
	12/21/2016	-	16.35	-		818.43	-			
	12/7/2016	-	15.56	-		819.22	-			
10/17/2016	-	16.18	-		818.60	-				
9/9/2016	-	14.89	-		819.89	-				
TW-60					828.03					
	3/30/2017	-	10.33	-		817.70	-			
	3/27/2017	-	10.21	-		817.82	-			
	3/20/2017	-	8.49	-		819.54	-			
3/13/2017	-	9.12	-		818.91	-				

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
TW-60 (cont'd)	3/10/2017	-	8.72	-		819.31	-			
	3/9/2017	-	9.66	-		818.37	-			
	3/8/2017	-	9.45	-		818.58	-			
	3/7/2017	-	7.59	-		820.44	-			
	3/6/2017	-	8.40	-		819.64	-			
	3/2/2017	-	9.96	-		818.07	-			
	2/2/2017	10.20	10.21	0.01		817.82	817.83			
	1/5/2017	10.20	10.21	0.01		817.82	817.83			
	12/21/2016	-	10.51	-		817.52	-			
	12/7/2016	-	10.33	-		817.70	-			
	10/17/2016	-	11.78	-		816.25	-			
	9/9/2016	-	10.56	-		817.47	-			
TW-64					845.88					
	3/2/2017	-	19.58	-		826.30	-			
	2/2/2017	-	19.96	-		825.92	-			
	1/5/2017	-	20.94	-		824.94	-			
	12/21/2016	-	20.88	-		825.00	-			
	10/17/2016	-	19.13	-		826.75	-			
	9/9/2016	-	16.12	-		829.76	-			
TW-65					845.62					
	3/2/2017	-	23.23	-		822.39	-			
	2/2/2017	-	23.70	-		821.92	-			
	1/5/2017	-	24.10	-		821.52	-			
	12/21/2016	-	23.87	-		821.75	-			
	10/17/2016	-	20.51	-		825.11	-			
	9/9/2016	-	18.42	-		827.20	-			
TW-66					820.31					
	3/30/2017	-	2.39	-		817.92	-			
	3/27/2017	-	2.41	-		817.90	-			
	3/20/2017	-	1.92	-		818.39	-			
	3/13/2017	-	2.05	-		818.26	-			
	3/10/2017	-	1.92	-		818.39	-			
	3/9/2017	-	2.30	-		818.01	-			
	3/8/2017	-	2.28	-		818.03	-			
	3/7/2017	-	1.85	-		818.46	-			
	3/6/2017	-	1.90	-		818.41	-			
	3/2/2017	-	2.64	-		817.67	-			
	2/2/2017	-	2.89	-		817.42	-			
	1/5/2017	-	2.92	-		817.39	-			
	12/21/2016	-	3.18	-		817.13	-			
	12/7/2016	-	3.01	-		817.30	-			
	10/17/2016	-	5.16	-		815.15	-			
	9/9/2016	-	2.30	-		818.01	-			
TW-67					852.71					
	3/30/2017	-	14.23	-		838.48	-			
	3/27/2017	-	14.89	-		837.82	-			
	3/20/2017	-	14.43	-		838.28	-			
	3/13/2017	-	15.07	-		837.64	-			
	3/10/2017	-	15.00	-		837.71	-			
	3/9/2017	-	15.19	-		837.52	-			
	3/8/2017	-	15.11	-		837.60	-			
	3/7/2017	-	15.14	-		837.57	-			
	3/6/2017	-	15.03	-		837.68	-			
	3/2/2017	-	15.44	-		837.27	-			
	2/2/2017	-	15.60	-		837.11	-			
	1/5/2017	-	16.22	-		836.49	-			

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
TW-67 (cont'd)	12/21/2016	-	16.31	-		836.40	-			
	10/17/2016	-	16.33	-		836.38	-			
	9/9/2016	-	13.05	-		839.66	-			
TW-68					846.45					
	3/2/2017	-	24.49	-		821.96	-			
	2/2/2017	-	24.93	-		821.52	-			
	1/5/2017	-	25.07	-		821.38	-			
	12/21/2016	-	24.90	-		821.55	-			
	10/17/2016	-	21.39	-		825.06	-			
TW-69	9/9/2016	-	20.05	-		826.40	-			
					840.27					
	3/2/2017	-	16.36	-		823.91	-			
	2/2/2017	-	16.64	-		823.63	-			
	1/5/2017	-	17.70	-		822.57	-			
	12/21/2016	-	17.77	-		822.50	-			
TW-70	10/17/2016	-	17.03	-		823.24	-			
	9/9/2016	-	14.29	-		825.98	-			
					841.95					
	3/2/2017	-	20.24	-		821.71	-			
	2/2/2017	-	20.50	-		821.45	-			
	1/5/2017	-	20.70	-		821.25	-			
TW-73	12/21/2016	-	20.60	-		821.35	-			
	10/17/2016	-	17.88	-		824.07	-			
	9/9/2016	-	16.03	-		825.92	-			
					850.53					
	3/30/2017	-	10.24	-		840.29	-			
	3/27/2017	-	10.27	-		840.26	-			
	3/20/2017	-	8.58	-		841.96	-			
	3/13/2017	-	10.38	-		840.16	-			
	3/10/2017	-	10.51	-		840.02	-			
	3/9/2017	-	11.45	-		839.08	-			
	3/8/2017	-	10.35	-		840.18	-			
	3/7/2017	-	10.34	-		840.19	-			
	3/6/2017	-	10.58	-		839.96	-			
TW-76	3/2/2017	-	10.47	-		840.06	-			
	2/2/2017	-	10.90	-		839.63	-			
	1/5/2017	-	11.18	-		839.35	-			
	12/21/2016	-	12.35	-		838.18	-			
	10/17/2016	-	12.78	-		837.75	-			
	9/9/2016	-	11.10	-		839.43	-			
					852.44					
	3/2/2017	-	17.74	-		834.70	-			
	2/2/2017	-	18.22	-		834.22	-			
	1/5/2017	-	18.50	-		833.94	-			
TW-81	12/21/2016	-	18.23	-		834.21	-			
	10/17/2016	-	15.69	-		836.75	-			
	9/9/2016	-	14.30	-		838.14	-			
					849.43					
	3/2/2017	-	4.95	-		844.48	-			
TW-82	2/2/2017	-	5.45	-		843.98	-			
	1/5/2017	-	5.80	-		843.63	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-82					849.64					
	3/2/2017	-	5.72	-		843.92	-			

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 ¹ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-82 (cont'd)	2/2/2017	-	6.04	-		843.60	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	8.13	-		841.51	-			
TW-83					850.44					
	3/2/2017	-	6.50	-		843.94	-			
	2/2/2017	-	6.76	-		843.68	-			
	1/5/2017	10.49	10.50	0.01		839.94	839.95			
	12/21/2016	-	12.46	-		837.98	-			
	10/17/2016	-	11.42	-		839.02	-			
	9/9/2016	-	9.38	-		841.06	-			
TW-84					851.22					
	3/2/2017	7.10	7.15	0.05		844.07	844.10			
	2/2/2017	7.44	7.70	0.26		843.52	843.71			
	1/5/2017	11.74	12.28	0.54		838.94	839.33			
	12/21/2016	-	12.36	-		838.86	-			
	10/17/2016	-	DRY	-		-	-			
9/9/2016	10.56	11.93	1.37		839.29	840.29				
TW-85					843.49					
	3/2/2017	-	15.21	-		828.28	-			
	2/2/2017	-	15.13	-		828.36	-			
	1/5/2017	-	17.15	-		826.34	-			
	12/21/2016	-	17.84	-		825.65	-			
	10/17/2016	-	DRY	-		-	-			
9/9/2016	-	14.22	-		829.27	-				
TW-86					853.10					
	3/2/2017	-	5.65	-		847.45	-			
	2/2/2017	-	5.60	-		847.50	-			
	1/5/2017	-	5.55	-		847.55	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
9/9/2016	-	5.54	-		847.56	-				
TW-87					852.25					
	3/2/2017	-	6.75	-		845.50	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
9/9/2016	-	DRY	-		-	-				
TW-90					845.43					
	3/2/2017	-	17.35	-		828.08	-			
	2/2/2017	-	17.72	-		827.71	-			
	1/5/2017	-	18.14	-		827.29	-			
	12/21/2016	-	18.41	-		827.02	-			
	10/17/2016	-	16.10	-		829.33	-			
9/9/2016	-	13.05	-		832.38	-				
TW-94					840.58					
	3/2/2017	10.75	10.85	0.10		829.73	829.81			
	2/2/2017	10.95	11.35	0.40		829.23	829.53			
	1/5/2017	12.95	13.38	0.43		827.20	827.52			
	12/21/2016	14.15	14.85	0.70		825.73	826.25			
	10/17/2016	11.78	12.44	0.66		828.14	828.63			
9/9/2016	10.05	10.70	0.65		829.88	830.36				
TW-96					840.40					
3/2/2017	-	12.12	-		828.28	-				

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	Groundwater Elevation (ft amsl)	Corrected ³	Date of Product Evacuation	Start Time	Finish Time
					Casing Elevation ^{1,2} (ft amsl)		Groundwater Elevation (ft amsl)			
TW-96 (cont'd)	2/2/2017	-	12.92	-		827.48	-			
	1/5/2017	-	14.93	-		825.47	-			
	12/21/2016	-	15.61	-		824.79	-			
	10/17/2016	-	13.40	-		827.00	-			
	9/9/2016	-	10.60	-		829.80	-			

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

ft = feet

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

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

Table 6. Analytical Results for Groundwater
 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	0.020 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-03	MW-02B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	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-04	MW-03-120616	12/6/2016	µg/L	61.1	25.1	229	330	2 U	2 U	3.6	--
	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-05	MW-04-120616	12/6/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	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
MW-06	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	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-07	MW-06-120216	12/2/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	--	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
MW-08	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	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-09	MW-08-120616	12/6/2016	µg/L	1 U	1 U	14.4	7.1	1 U	1 U	1 U	--
	--	7/27/2015	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-09--	1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
MW-09	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP

Table 6. Analytical Results for Groundwater
 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-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-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
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-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	--
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	3,390	103	505	2,460	50 U	194	250 U	--
	MW-15-033117	3/31/2017	µg/L	2,850	65.4	444	1,860	20 U	221	100 U	--

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

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-15B	MW-15B-080415	8/4/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U	5 U	0.019 U
	MW-15B-012816	1/28/2016	µg/L	4.8	1 U	2	3.9	1 U	1 U	1 U	0.02 U
	MW-15B-113016	11/30/2016	µg/L	337	34	565	194	5 U	26.7	5	--
	MW-15B-031417	3/14/2017	µg/L	2,160	248	4,580	1,500	100 U	118	500 U	--
	MW-15B-032017	3/20/2017	µg/L	615	88.6	1,270	555	25 U	67.5	125 U	--
	MW-15B-033117	3/31/2017	µg/L	1,630	205	3,240	1,180	50 U	115	250 U	--
MW-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
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-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-19-0112116	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
MW-20	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	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	

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

Location	Sample ID	Sample Date	Analyte:		Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
			Units	Units								
MW-21	MW-21-072715	7/27/2015	µg/L	5 U	5 U	5 U	10 U	5 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	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	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	1 U	--
	MW-21-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	5 U	--
	MW-21-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 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	NS-IW
	MW-22-012116	1/21/2016	µg/L	19.8	3.4	47.2	37.4	1 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	NS-IW
MW-23	MW-23-072715	7/27/2015	µg/L	5 U	5 U	7.5	10 U	5 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	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	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	5 U	--
	MW-23-031317	3/13/2017	µg/L	709	5 U	23.1	548	5 U	127	25 U	5 U	--
	MW-23-032017	3/20/2017	µg/L	642	10 U	12.7	579	10 U	108	50 U	5 U	--
	MW-23-032017-FD	3/20/2017	µg/L	620	10 U	12.0	548	10 U	110	50 U	5 U	--
	MW-23-033117	3/31/2017	µg/L	685	10 U	16.5	624	10 U	130	50 U	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	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	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 U	1.3	--
	MW-23B-031317	3/13/2017	µg/L	1 U	1.11	2.63	8.86	1 U	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	1 U	5 U	--
	MW-23B-033117	3/31/2017	µg/L	1 U	1.24	2.41	8.86	1 U	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	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	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	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	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	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	1 U	--
MW-25	MW-25-012716	1/27/2016	µg/L	101	1 U	1 U	115	1 U	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	5 U	--
	MW-25-031417	3/14/2017	µg/L	62.7	28.6	10.1	668	10 U	10 U	50 U	50 U	--
	MW-25-032017	3/20/2017	µg/L	604	20.4	20 U	680	20 U	20 U	100 U	100 U	--
	MW-25-033117	3/31/2017	µg/L	673	30.1	12	736	10 U	10 U	50 U	50 U	--
	MW-25-033117FD	3/31/2017	µg/L	790	35.4	12.5	861	10 U	10 U	50 U	50 U	--

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

Location	Sample ID	Sample Date	Analyte:									
			Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB	
MW-25B	MW-25B-012716	1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	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	1 U	--
	MW-25B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	5 U	--
	MW-25B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	1 U	5 U	--
MW-26	MW-26-012016	1/20/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	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	1 U	--
	MW-26-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	5 U	--
	MW-26-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 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	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	1 U	--
	MW-26B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	5 U	--
	MW-26B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	0.019 U
	--	11/28/2016	--	NS-IW	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	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	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	NS-IW
	MW-28-031517	3/15/2017	--	1,120	68.9	3,350	1,370	50 U	50 U	250 U	NS-IW	
	--	3/20/2017	--	NS-IW	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	NS-IW
MW-29	MW-29-012116	1/21/2016	µg/L	1 U	1 U	1 U	2 U	1 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	1 U	--
	MW-29-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	5 U	--
	MW-29-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 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	1 U	0.02 U
	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-31	MW-31-051016	5/10/2016	µg/L	1 U	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	1 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	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	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	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	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	1 U	0.02 U

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

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-34	MW-34-031517	3/15/2017	--	978	33.0	143	218	10 U	157	50 U	--
	MW-34-032017	3/20/2017	µg/L	801	10.0 U	113	305	10 U	149	50 U	--
	MW-34-033117	3/31/2017	µg/L	728	10.0 U	81.4	224	10 U	152	50 U	--
MW-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-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-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-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-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-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-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	--

Table 6. Analytical Results for Groundwater

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-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
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	--
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

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.

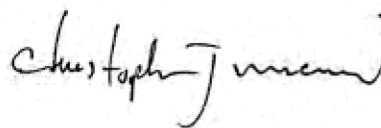
¹ The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation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

March 22, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L896398
Samples Received: 03/16/2017
Project Number: 684910.LD.RA.ST
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

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1	
² Tc: Table of Contents	2	
³ Ss: Sample Summary	3	
⁴ Cn: Case Narrative	5	
⁵ Sr: Sample Results	6	
SW-11-031517 L896398-01	6	
SW-10-031517 L896398-02	7	
FP-03-031517 L896398-03	8	
FP-02-031517 L896398-04	9	
FP-01-031517 L896398-05	10	
SW-09-031517 L896398-06	11	
SW-08-031517 L896398-07	12	
SW-13-031517 L896398-08	13	
SW-02-031517 L896398-09	14	
SW-04-031517 L896398-10	15	
SW-01-031517 L896398-11	16	
SW-07-031517 L896398-12	17	
SW-03-031517 L896398-13	18	
SW-12-031517 L896398-14	19	
⁶ Qc: Quality Control Summary	20	
Volatile Organic Compounds (GC/MS) by Method 8260B	20	
⁷ Gl: Glossary of Terms	21	
⁸ Al: Accreditations & Locations	22	
⁹ Sc: Chain of Custody	23	

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

SW-11-031517 L896398-01 GW Collected by Paula Kramer
Collected date/time 03/15/17 08:30
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 05:34	03/22/17 05:34	JAH

SW-10-031517 L896398-02 GW Collected by Paula Kramer
Collected date/time 03/15/17 08:45
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 05:57	03/22/17 05:57	JAH

FP-03-031517 L896398-03 GW Collected by Paula Kramer
Collected date/time 03/15/17 09:00
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 06:20	03/22/17 06:20	JAH

FP-02-031517 L896398-04 GW Collected by Paula Kramer
Collected date/time 03/15/17 09:45
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 06:43	03/22/17 06:43	JAH

FP-01-031517 L896398-05 GW Collected by Paula Kramer
Collected date/time 03/15/17 09:35
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 07:06	03/22/17 07:06	JAH

SW-09-031517 L896398-06 GW Collected by Paula Kramer
Collected date/time 03/15/17 09:55
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 07:28	03/22/17 07:28	JAH

SW-08-031517 L896398-07 GW Collected by Paula Kramer
Collected date/time 03/15/17 10:05
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 07:51	03/22/17 07:51	JAH

SW-13-031517 L896398-08 GW Collected by Paula Kramer
Collected date/time 03/15/17 10:15
Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 08:14	03/22/17 08:14	JAH

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

SW-02-031517 L896398-09 GW Collected by Paula Kramer Collected date/time 03/15/17 10:25 Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 08:37	03/22/17 08:37	JAH

SW-04-031517 L896398-10 GW Collected by Paula Kramer Collected date/time 03/15/17 10:30 Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 09:00	03/22/17 09:00	JAH

SW-01-031517 L896398-11 GW Collected by Paula Kramer Collected date/time 03/15/17 10:45 Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 09:23	03/22/17 09:23	JAH

SW-07-031517 L896398-12 GW Collected by Paula Kramer Collected date/time 03/15/17 10:50 Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 09:46	03/22/17 09:46	JAH

SW-03-031517 L896398-13 GW Collected by Paula Kramer Collected date/time 03/15/17 11:00 Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 10:09	03/22/17 10:09	JAH

SW-12-031517 L896398-14 GW Collected by Paula Kramer Collected date/time 03/15/17 11:10 Received date/time 03/16/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	1	03/22/17 10:32	03/22/17 10:32	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962003	5	03/22/17 11:17	03/22/17 11:17	JAH

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

CASE NARRATIVE



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

Chris McCord
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 03/15/17 08:30

L896398

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 05:34	WG962003
Toluene	ND		0.00100	1	03/22/2017 05:34	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 05:34	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 05:34	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 05:34	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 05:34	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 05:34	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 05:34	WG962003
(S) Dibromofluoromethane	89.1		76.0-123		03/22/2017 05:34	WG962003
(S) o,a,o-Trifluorotoluene	106		80.0-120		03/22/2017 05:34	WG962003
(S) 4-Bromofluorobenzene	97.8		80.0-120		03/22/2017 05:34	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 05:57	WG962003
Toluene	ND		0.00100	1	03/22/2017 05:57	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 05:57	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 05:57	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 05:57	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 05:57	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 05:57	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 05:57	WG962003
(S) Dibromofluoromethane	91.1		76.0-123		03/22/2017 05:57	WG962003
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/22/2017 05:57	WG962003
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/22/2017 05:57	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 06:20	WG962003
Toluene	ND		0.00100	1	03/22/2017 06:20	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 06:20	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 06:20	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 06:20	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 06:20	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 06:20	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 06:20	WG962003
(S) Dibromofluoromethane	90.3		76.0-123		03/22/2017 06:20	WG962003
(S) a,a,a-Trifluorotoluene	105		80.0-120		03/22/2017 06:20	WG962003
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/22/2017 06:20	WG962003

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 06:43	WG962003
Toluene	ND		0.00100	1	03/22/2017 06:43	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 06:43	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 06:43	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 06:43	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 06:43	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 06:43	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 06:43	WG962003
(S) Dibromofluoromethane	88.8		76.0-123		03/22/2017 06:43	WG962003
(S) a,a,a-Trifluorotoluene	105		80.0-120		03/22/2017 06:43	WG962003
(S) 4-Bromofluorobenzene	97.6		80.0-120		03/22/2017 06:43	WG962003

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 07:06	WG962003
Toluene	ND		0.00100	1	03/22/2017 07:06	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 07:06	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 07:06	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 07:06	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 07:06	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 07:06	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 07:06	WG962003
(S) Dibromofluoromethane	90.6		76.0-123		03/22/2017 07:06	WG962003
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/22/2017 07:06	WG962003
(S) 4-Bromofluorobenzene	98.6		80.0-120		03/22/2017 07:06	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 07:28	WG962003
Toluene	ND		0.00100	1	03/22/2017 07:28	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 07:28	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 07:28	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 07:28	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 07:28	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 07:28	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 07:28	WG962003
(S) Dibromofluoromethane	90.5		76.0-123		03/22/2017 07:28	WG962003
(S) a,a,a-Trifluorotoluene	105		80.0-120		03/22/2017 07:28	WG962003
(S) 4-Bromofluorobenzene	98.9		80.0-120		03/22/2017 07:28	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 07:51	WG962003
Toluene	ND		0.00100	1	03/22/2017 07:51	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 07:51	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 07:51	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 07:51	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 07:51	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 07:51	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 07:51	WG962003
(S) Dibromofluoromethane	90.0		76.0-123		03/22/2017 07:51	WG962003
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/22/2017 07:51	WG962003
(S) 4-Bromofluorobenzene	98.6		80.0-120		03/22/2017 07:51	WG962003

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 08:14	WG962003
Toluene	ND		0.00100	1	03/22/2017 08:14	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 08:14	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 08:14	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 08:14	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 08:14	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 08:14	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 08:14	WG962003
(S) Dibromofluoromethane	89.3		76.0-123		03/22/2017 08:14	WG962003
(S) a,a-Trifluorotoluene	106		80.0-120		03/22/2017 08:14	WG962003
(S) 4-Bromofluorobenzene	97.8		80.0-120		03/22/2017 08:14	WG962003

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0114		0.00100	1	03/22/2017 08:37	WG962003
Toluene	0.00860		0.00100	1	03/22/2017 08:37	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 08:37	WG962003
o-Xylene	0.00360		0.00100	1	03/22/2017 08:37	WG962003
m&p-Xylene	0.00445		0.00200	1	03/22/2017 08:37	WG962003
Xylenes, Total	0.00805		0.00300	1	03/22/2017 08:37	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 08:37	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 08:37	WG962003
(S) Dibromofluoromethane	92.6		76.0-123		03/22/2017 08:37	WG962003
(S) a,a,a-Trifluorotoluene	105		80.0-120		03/22/2017 08:37	WG962003
(S) 4-Bromofluorobenzene	97.7		80.0-120		03/22/2017 08:37	WG962003

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 09:00	WG962003
Toluene	0.00290		0.00100	1	03/22/2017 09:00	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 09:00	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 09:00	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 09:00	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 09:00	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 09:00	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 09:00	WG962003
(S) Dibromofluoromethane	89.6		76.0-123		03/22/2017 09:00	WG962003
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/22/2017 09:00	WG962003
(S) 4-Bromofluorobenzene	98.5		80.0-120		03/22/2017 09:00	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00302		0.00100	1	03/22/2017 09:23	WG962003
Toluene	0.00513		0.00100	1	03/22/2017 09:23	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 09:23	WG962003
o-Xylene	0.00174		0.00100	1	03/22/2017 09:23	WG962003
m&p-Xylene	0.00216		0.00200	1	03/22/2017 09:23	WG962003
Xylenes, Total	0.00390		0.00300	1	03/22/2017 09:23	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 09:23	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 09:23	WG962003
(S) Dibromofluoromethane	90.2		75.0-123		03/22/2017 09:23	WG962003
(S) a,a,a-Trifluorotoluene	107		80.0-120		03/22/2017 09:23	WG962003
(S) 4-Bromofluorobenzene	97.4		80.0-120		03/22/2017 09:23	WG962003

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 mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 09:46	WG962003
Toluene	ND		0.00100	1	03/22/2017 09:46	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 09:46	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 09:46	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 09:46	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 09:46	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 09:46	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 09:46	WG962003
(S) Dibromofluoromethane	91.0		76.0-123		03/22/2017 09:46	WG962003
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/22/2017 09:46	WG962003
(S) 4-Bromofluorobenzene	97.7		80.0-120		03/22/2017 09:46	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/15/17 11:00

L896398

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/22/2017 10:09	WG962003
Toluene	ND		0.00100	1	03/22/2017 10:09	WG962003
Ethylbenzene	ND		0.00100	1	03/22/2017 10:09	WG962003
o-Xylene	ND		0.00100	1	03/22/2017 10:09	WG962003
m&p-Xylene	ND		0.00200	1	03/22/2017 10:09	WG962003
Xylenes, Total	ND		0.00300	1	03/22/2017 10:09	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 10:09	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 10:09	WG962003
(S) Dibromofluoromethane	90.3		76.0-123		03/22/2017 10:09	WG962003
(S) o,o,o-Trifluorotoluene	106		80.0-120		03/22/2017 10:09	WG962003
(S) 4-Bromofluorobenzene	99.2		80.0-120		03/22/2017 10:09	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



Collected date/time: 03/15/17 11:10

L896398

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.125		0.00100	1	03/22/2017 10:32	WG962003
Toluene	0.185		0.00500	5	03/22/2017 11:17	WG962003
Ethylbenzene	0.0153		0.00100	1	03/22/2017 10:32	WG962003
o-Xylene	0.0355		0.00100	1	03/22/2017 10:32	WG962003
m&p-Xylene	0.0679		0.00200	1	03/22/2017 10:32	WG962003
Xylenes, Total	0.103		0.00300	1	03/22/2017 10:32	WG962003
Naphthalene	ND		0.00500	1	03/22/2017 10:32	WG962003
(S) Toluene-d8	105		80.0-120		03/22/2017 11:17	WG962003
(S) Toluene-d8	106		80.0-120		03/22/2017 10:32	WG962003
(S) Dibromofluoromethane	88.6		76.0-123		03/22/2017 11:17	WG962003
(S) Dibromofluoromethane	92.4		76.0-123		03/22/2017 10:32	WG962003
(S) a,a,a-Trifluorotoluene	107		80.0-120		03/22/2017 10:32	WG962003
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/22/2017 11:17	WG962003
(S) 4-Bromofluorobenzene	98.9		80.0-120		03/22/2017 10:32	WG962003
(S) 4-Bromofluorobenzene	98.9		80.0-120		03/22/2017 11:17	WG962003

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG962003

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

QUALITY CONTROL SUMMARY

L896398-01,02,03,04,05,06,07,08,09,10,11,12,13,14

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3204992-3 03/22/17 01:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
o-Xylene	U		0.000341	0.00100
m&p-Xylenes	U		0.000719	0.00200
(S) Toluene-d8	106			80.0-120
(S) Dibromofluoromethane	89.4			76.0-123
(S) o,o,a-Trifluorotoluene	106			80.0-120
(S) 4-Bromofluorobenzene	97.1			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R3204992-1 03/21/17 23:51 • (LCSD) R3204992-2 03/22/17 00:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0262	0.0265	105	106	70.0-130			0.910	20
Ethylbenzene	0.0250	0.0218	0.0217	87.3	86.9	70.0-130			0.450	20
Naphthalene	0.0250	0.0260	0.0270	104	108	70.0-130			3.81	20
Toluene	0.0250	0.0257	0.0260	103	104	70.0-130			0.980	20
o-Xylene	0.0250	0.0219	0.0221	87.4	88.6	70.0-130			1.33	20
Xylenes, Total	0.0750	0.0661	0.0669	88.1	89.2	70.0-130			1.20	20
m&p-Xylenes	0.0500	0.0442	0.0448	88.4	89.6	70.0-130			1.29	20
(S) Toluene-d8				108	108	80.0-120				
(S) Dibromofluoromethane				92.2	92.0	76.0-123				
(S) o,o,a-Trifluorotoluene				106	107	80.0-120				
(S) 4-Bromofluorobenzene				95.6	95.0	80.0-120				

ACCOUNT:

CH2M Hill-Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L896398

DATE/TIME:

03/22/17 15:21

PAGE:

20 of 24



Abbreviations and Definitions

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

Qualifier Description

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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 ^{1,4}	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	5-67674
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.**



¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr


⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

CH2M Hill- Kinder Morgan- Atlanta, GA 6600 Peachtree Dunwoody Road Report to: Bethany Garvey		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bgarvey@ch2m.com		Pres Chk HCl		Analysis / Container / Preservative				Chain of Custody Page 1 of 2  L.A.B S.C.I.E.N.C.E.S 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-3000 Phone: 800-767-5859 Fax: 615-758-5859 YOUR LAB OF CHOICE L# 896398 C131 Acctnum: KINCH2MGA Template: T121339 Prelogin: P592450 TSR: 526 - Chris McCord PB: 75 3-9-17 Shipped Via: FedEX Ground			
Project Description: Lewis Drive Site Surface water event Phone: 770-604-9182 Fax:		City/State Collected: Client Project # U84910.LD.RAST		Lab Project # KINCH2MGA-LEWIS		V8260BTEXNSC 40ml/Amb-HCl							
Collected by (print): Paula Kramer Justine McLann Site/Facility ID # Lewis Drive		P.O. #		Quote #									
Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Date Results Needed		No. of Cntrs									
Immediately Packed on Ice <input type="checkbox"/> N <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> X													
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time							Remarks	Sample # (lab only)
SW-11-031517	grab	GW	N/A	3/15/17	0830	3	X						01
SW-10-031517		GW			0845	3	X						02
FP-03-031517		GW			0900	3	X						03
FP-02-031517		GW			0945	3	X						04
FP-01-031517		GW			0935	3	X						05
SW-09-031517		GW			0955	3	X						06
SW-08-031517		GW			1005	3	X						07
SW-13-031517		GW			1015	3	X						08
SW-02-031517		GW			1025	3	X						09
SW-04-031517		GW			1030	3	X						10
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay DW - Drinking Water OT - Other		Remarks: Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #		pH _____ Temp _____ Flow _____ Other _____		Same as Receipt Checked: CDC Seal Present/Intact: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N CDC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable Preservation Correct/Checked: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
Relinquished by: (Signature) Justine McLann		Date: 3/15/17 Time: 1600		Received by: (Signature)		Trip Blank Received: Yes <input checked="" type="checkbox"/> No HCl / MeOH TBR		Temp: 3.6 °C Bottles Received: 42		If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date: Time:		Received by: (Signature)		Date: Time:		Hold:		Condition: NCF <input checked="" type="checkbox"/> OK			

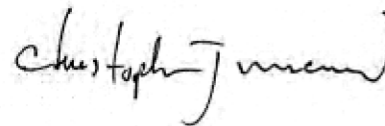
CH2M Hill- Kinder Morgan- Atlanta, GA 6600 Peachtree Dunwoody Road Report to: Bethany Garvey		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bgarvey@ch2m.com		Pres Chk: HCl		Analysis / Container / Preservative		Chain of Custody Page 2 of 2  YOUR LAB OF CHOICE 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-787-5859 Fax: 615-758-5859			
Project Description: Lewis Drive Site Surface water event		City/State Collected:		V8260BTEXNSC 40mlAmb-HCl							
Phone: 770-604-9182		Client Project #								Lab Project # KINCH2MGA-LEWIS	
Fax:		Site/Facility ID # 68491D.LDRAS								P.O. #	
Collected by (print): Paula Kramer Justine McLann		Site/Facility ID # Lewis Drive								Quote #	
Collected by (signature): Justine McLann		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Date Results Needed		No. of Cntrs		Table #			
Immediately Packed on Ice: N <input type="checkbox"/> Y <input checked="" type="checkbox"/>								Accnum: KINCH2MGA Template: T121339 Prelogin: P592450 TSR: S26 - Chris McCord PB: 76 3-8-17 Shipped Via: FedEX Ground			
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs				
SW-01-031517		grab	GW	NA	3/15/17	1045	3	X	11		
SW-07-031517			GW			1050	3	X	12		
SW-03-031517			GW			1100	3	X	13		
SW-12-031517			GW			1110	3	X	14		
			GW				3	X			
			GW				3	X			
* Matrix: SS - Soil AIR - Air P - Filter GW - Groundwater B - Bioassay WW - Wastewater DW - Drinking Water OT - Other		Remarks:		Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #		pH _____ Temp _____ Flow _____ Other _____			
Relinquished by: (Signature) Justine McLann		Date: 3/15/17	Time: 1600	Received by: (Signature)		Trip Blank Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> HCL / MeOH TBR		Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N COC Signed/Accurate: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Bottles arrive intact: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Correct bottles used: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Sufficient volume sent: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: 5.0 °C 3.6		Bottles Received: 42			
Relinquished by: (Signature)		Date:	Time:	Received for Lab by: (Signature) Michelle Lee		Date: 3/16/17 Time: 9:00		Hold: Condition: NCF / OK			

March 29, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L897488
Samples Received: 03/22/2017
Project Number: 684910.LD.RAST
Description: Lewis Drive
Site: LEWIS DRIVE
Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	3
⁴ Cn: Case Narrative	5
⁵ Sr: Sample Results	6
SW-11-032117 L897488-01	6
SW-10-032117 L897488-02	7
FP-01-032117 L897488-03	8
FP-02-032117 L897488-04	9
SW-09-032117 L897488-05	10
SW-08-032117 L897488-06	11
SW-13-032117 L897488-07	12
SW-04-032117 L897488-08	13
SW-02-032117 L897488-09	14
FP-03-032117 L897488-10	15
SW-01-032117 L897488-11	16
SW-07-032117 L897488-12	17
SW-12-032117 L897488-13	18
SW-03-032117 L897488-14	19
⁶ Qc: Quality Control Summary	20
Volatile Organic Compounds (GC/MS) by Method 8260B	20
⁷ Gl: Glossary of Terms	21
⁸ Al: Accreditations & Locations	22
⁹ Sc: Chain of Custody	23

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

SW-11-032117 L897488-01 GW Collected by JM / MW Collected date/time 03/21/17 08:15 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 06:02	03/26/17 06:02	BMB

SW-10-032117 L897488-02 GW Collected by JM / MW Collected date/time 03/21/17 08:30 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 06:25	03/26/17 06:25	BMB

FP-01-032117 L897488-03 GW Collected by JM / MW Collected date/time 03/21/17 08:40 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 06:48	03/26/17 06:48	BMB

FP-02-032117 L897488-04 GW Collected by JM / MW Collected date/time 03/21/17 08:50 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 07:11	03/26/17 07:11	BMB

SW-09-032117 L897488-05 GW Collected by JM / MW Collected date/time 03/21/17 09:00 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 07:33	03/26/17 07:33	BMB

SW-08-032117 L897488-06 GW Collected by JM / MW Collected date/time 03/21/17 09:05 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 07:56	03/26/17 07:56	BMB

SW-13-032117 L897488-07 GW Collected by JM / MW Collected date/time 03/21/17 09:15 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 08:19	03/26/17 08:19	BMB

SW-04-032117 L897488-08 GW Collected by JM / MW Collected date/time 03/21/17 09:45 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 08:42	03/26/17 08:42	BMB

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE

SW-02-032117 L897488-09 GW Collected by JM / MW Collected date/time 03/21/17 09:50 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 09:05	03/26/17 09:05	BMB

1
Cp

2
Tc

3
Ss

FP-03-032117 L897488-10 GW Collected by JM / MW Collected date/time 03/21/17 10:10 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 09:28	03/26/17 09:28	BMB

4
Cn

5
Sr

SW-01-032117 L897488-11 GW Collected by JM / MW Collected date/time 03/21/17 10:30 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 09:50	03/26/17 09:50	BMB

6
Qc

7
Gl

SW-07-032117 L897488-12 GW Collected by JM / MW Collected date/time 03/21/17 10:40 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 10:13	03/26/17 10:13	BMB

8
Al

9
Sc

SW-12-032117 L897488-13 GW Collected by JM / MW Collected date/time 03/21/17 10:50 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 10:36	03/26/17 10:36	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	10	03/28/17 21:28	03/28/17 21:28	LRL

SW-03-032117 L897488-14 GW Collected by JM / MW Collected date/time 03/21/17 11:00 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964101	1	03/26/17 10:59	03/26/17 10:59	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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/21/17 08:15

L897488

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 06:02	WG964101
Toluene	ND		1.00	1	03/26/2017 06:02	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 06:02	WG964101
o-Xylene	ND		1.00	1	03/26/2017 06:02	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 06:02	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 06:02	WG964101
Naphthalene	ND		5.00	1	03/26/2017 06:02	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 06:02	WG964101
(S) Dibromofluoromethane	89.9		76.0-123		03/26/2017 06:02	WG964101
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/26/2017 06:02	WG964101
(S) 4-Bromofluorobenzene	96.9		80.0-120		03/26/2017 06:02	WG964101

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 06:25	WG964101
Toluene	ND		1.00	1	03/26/2017 06:25	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 06:25	WG964101
o-Xylene	ND		1.00	1	03/26/2017 06:25	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 06:25	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 06:25	WG964101
Naphthalene	ND		5.00	1	03/26/2017 06:25	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 06:25	WG964101
(S) Dibromofluoromethane	93.0		76.0-123		03/26/2017 06:25	WG964101
(S) a,a,a-Trifluorotoluene	104		80.0-120		03/26/2017 06:25	WG964101
(S) 4-Bromofluorobenzene	96.4		80.0-120		03/26/2017 06:25	WG964101

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



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 06:48	WG964101
Toluene	ND		1.00	1	03/26/2017 06:48	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 06:48	WG964101
o-Xylene	ND		1.00	1	03/26/2017 06:48	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 06:48	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 06:48	WG964101
Naphthalene	ND		5.00	1	03/26/2017 06:48	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 06:48	WG964101
(S) Dibromofluoromethane	91.4		76.0-123		03/26/2017 06:48	WG964101
(S) o,o,o-Trifluorotoluene	106		80.0-120		03/26/2017 06:48	WG964101
(S) 4-Bromofluorobenzene	95.3		80.0-120		03/26/2017 06:48	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 07:11	WG964101
Toluene	ND		1.00	1	03/26/2017 07:11	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 07:11	WG964101
o-Xylene	ND		1.00	1	03/26/2017 07:11	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 07:11	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 07:11	WG964101
Naphthalene	ND		5.00	1	03/26/2017 07:11	WG964101
(S) Toluene-d8	107		80.0-120		03/26/2017 07:11	WG964101
(S) Dibromofluoromethane	93.3		76.0-123		03/26/2017 07:11	WG964101
(S) o,o,a-Trifluorotoluene	105		80.0-120		03/26/2017 07:11	WG964101
(S) 4-Bromofluorobenzene	95.7		80.0-120		03/26/2017 07:11	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/21/17 09:00

L897488

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 07:33	WG964101
Toluene	ND		1.00	1	03/26/2017 07:33	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 07:33	WG964101
o-Xylene	ND		1.00	1	03/26/2017 07:33	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 07:33	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 07:33	WG964101
Naphthalene	ND		5.00	1	03/26/2017 07:33	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 07:33	WG964101
(S) Dibromofluoromethane	90.9		76.0-123		03/26/2017 07:33	WG964101
(S) o,o,o-Trifluorotoluene	107		80.0-120		03/26/2017 07:33	WG964101
(S) 4-Bromofluorobenzene	98.0		80.0-120		03/26/2017 07:33	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/21/17 09:05

L897488

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 07:56	WG964101
Toluene	ND		1.00	1	03/26/2017 07:56	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 07:56	WG964101
o-Xylene	ND		1.00	1	03/26/2017 07:56	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 07:56	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 07:56	WG964101
Naphthalene	ND		5.00	1	03/26/2017 07:56	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 07:56	WG964101
(S) Dibromofluoromethane	93.4		76.0-123		03/26/2017 07:56	WG964101
(S) a,a,a-Trifluorotoluene	104		80.0-120		03/26/2017 07:56	WG964101
(S) 4-Bromofluorobenzene	95.9		80.0-120		03/26/2017 07:56	WG964101

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 08:19	WG964101
Toluene	ND		1.00	1	03/26/2017 08:19	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 08:19	WG964101
o-Xylene	ND		1.00	1	03/26/2017 08:19	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 08:19	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 08:19	WG964101
Naphthalene	ND		5.00	1	03/26/2017 08:19	WG964101
(S) Toluene-d8	107		80.0-120		03/26/2017 08:19	WG964101
(S) Dibromofluoromethane	90.6		75.0-123		03/26/2017 08:19	WG964101
(S) a,a,a-Trifluorotoluene	107		80.0-120		03/26/2017 08:19	WG964101
(S) 4-Bromofluorobenzene	98.0		80.0-120		03/26/2017 08:19	WG964101

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



Collected date/time: 03/21/17 09:45

L897488

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 08:42	WG964101
Toluene	3.28		1.00	1	03/26/2017 08:42	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 08:42	WG964101
o-Xylene	ND		1.00	1	03/26/2017 08:42	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 08:42	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 08:42	WG964101
Naphthalene	ND		5.00	1	03/26/2017 08:42	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 08:42	WG964101
(S) Dibromofluoromethane	90.8		76.0-123		03/26/2017 08:42	WG964101
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/26/2017 08:42	WG964101
(S) 4-Bromofluorobenzene	97.6		80.0-120		03/26/2017 08:42	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	8.42		1.00	1	03/26/2017 09:05	WG964101
Toluene	2.45		1.00	1	03/26/2017 09:05	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 09:05	WG964101
o-Xylene	2.68		1.00	1	03/26/2017 09:05	WG964101
m&p-Xylene	2.48		2.00	1	03/26/2017 09:05	WG964101
Xylenes, Total	5.16		3.00	1	03/26/2017 09:05	WG964101
Naphthalene	ND		5.00	1	03/26/2017 09:05	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 09:05	WG964101
(S) Dibromofluoromethane	90.7		76.0-123		03/26/2017 09:05	WG964101
(S) a,a,o-Trifluorotoluene	107		80.0-120		03/26/2017 09:05	WG964101
(S) 4-Bromofluorobenzene	99.0		80.0-120		03/26/2017 09:05	WG964101

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 09:28	WG964101
Toluene	ND		1.00	1	03/26/2017 09:28	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 09:28	WG964101
o-Xylene	ND		1.00	1	03/26/2017 09:28	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 09:28	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 09:28	WG964101
Naphthalene	ND		5.00	1	03/26/2017 09:28	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 09:28	WG964101
(S) Dibromofluoromethane	92.6		76.0-123		03/26/2017 09:28	WG964101
(S) a,a,a-Trifluorotoluene	105		80.0-120		03/26/2017 09:28	WG964101
(S) 4-Bromofluorobenzene	97.5		80.0-120		03/26/2017 09:28	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/21/17 10:30

L897488

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 09:50	WG964101
Toluene	1.57		1.00	1	03/26/2017 09:50	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 09:50	WG964101
o-Xylene	ND		1.00	1	03/26/2017 09:50	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 09:50	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 09:50	WG964101
Naphthalene	ND		5.00	1	03/26/2017 09:50	WG964101
(S) Toluene-d8	107		80.0-120		03/26/2017 09:50	WG964101
(S) Dibromofluoromethane	93.5		76.0-123		03/26/2017 09:50	WG964101
(S) o,o,a-Trifluorotoluene	105		80.0-120		03/26/2017 09:50	WG964101
(S) 4-Bromofluorobenzene	96.7		80.0-120		03/26/2017 09:50	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 10:13	WG964101
Toluene	ND		1.00	1	03/26/2017 10:13	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 10:13	WG964101
o-Xylene	ND		1.00	1	03/26/2017 10:13	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 10:13	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 10:13	WG964101
Naphthalene	ND		5.00	1	03/26/2017 10:13	WG964101
(S) Toluene-d8	107		80.0-120		03/26/2017 10:13	WG964101
(S) Dibromofluoromethane	91.6		76.0-123		03/26/2017 10:13	WG964101
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/26/2017 10:13	WG964101
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/26/2017 10:13	WG964101

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/21/17 10:50

L897488

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	134		1.00	1	03/26/2017 10:36	WG964101
Toluene	45.0		10.0	10	03/28/2017 21:28	WG964101
Ethylbenzene	12.1		1.00	1	03/26/2017 10:36	WG964101
o-Xylene	33.6		1.00	1	03/26/2017 10:36	WG964101
m&p-Xylene	60.8		2.00	1	03/26/2017 10:36	WG964101
Xylenes, Total	94.4		3.00	1	03/26/2017 10:36	WG964101
Naphthalene	ND		5.00	1	03/26/2017 10:36	WG964101
(S) Toluene-d8	104		80.0-120		03/28/2017 21:28	WG964101
(S) Toluene-d8	107		80.0-120		03/26/2017 10:36	WG964101
(S) Dibromofluoromethane	85.5		76.0-123		03/28/2017 21:28	WG964101
(S) Dibromofluoromethane	94.5		76.0-123		03/26/2017 10:36	WG964101
(S) a,a,o-Trifluorotoluene	106		80.0-120		03/26/2017 10:36	WG964101
(S) a,a,o-Trifluorotoluene	108		80.0-120		03/28/2017 21:28	WG964101
(S) 4-Bromofluorobenzene	93.2		80.0-120		03/28/2017 21:28	WG964101
(S) 4-Bromofluorobenzene	96.4		80.0-120		03/26/2017 10:36	WG964101

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/26/2017 10:59	WG964101
Toluene	ND		1.00	1	03/26/2017 10:59	WG964101
Ethylbenzene	ND		1.00	1	03/26/2017 10:59	WG964101
o-Xylene	ND		1.00	1	03/26/2017 10:59	WG964101
m&p-Xylene	ND		2.00	1	03/26/2017 10:59	WG964101
Xylenes, Total	ND		3.00	1	03/26/2017 10:59	WG964101
Naphthalene	ND		5.00	1	03/26/2017 10:59	WG964101
(S) Toluene-d8	106		80.0-120		03/26/2017 10:59	WG964101
(S) Dibromofluoromethane	90.8		76.0-123		03/26/2017 10:59	WG964101
(S) a,a,a-Trifluorotoluene	106		80.0-120		03/26/2017 10:59	WG964101
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/26/2017 10:59	WG964101

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

WG964101

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

QUALITY CONTROL SUMMARY

L897488-01,02,03,04,05,06,07,08,09,10,11,12,13,14

ONE LAB. NATIONWIDE



Method Blank (MB)

(MB) R3206416-3 03/26/17 05:16

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	106			80.0-120
(S) Dibromofluoromethane	90.4			76.0-123
(S) o,o,a-Trifluorotoluene	106			80.0-120
(S) 4-Bromofluorobenzene	96.5			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

(LCS) R3206416-1 03/26/17 04:08 • (LCSD) R3206416-2 03/26/17 04:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	27.3	26.9	109	108	70.0-130			1.31	20
Ethylbenzene	25.0	22.0	21.7	87.8	86.8	70.0-130			1.18	20
Naphthalene	25.0	26.9	26.6	108	106	70.0-130			1.17	20
Toluene	25.0	26.4	26.2	106	105	70.0-130			0.680	20
Xylenes, Total	75.0	67.6	66.0	90.1	88.0	70.0-130			2.40	20
o-Xylene	25.0	22.5	22.0	90.1	87.9	70.0-130			2.54	20
m&p-Xylenes	50.0	45.1	44.0	90.2	87.9	70.0-130			2.58	20
(S) Toluene-d8				108	109	80.0-120				
(S) Dibromofluoromethane				92.9	93.0	76.0-123				
(S) o,o,a-Trifluorotoluene				106	107	80.0-120				
(S) 4-Bromofluorobenzene				96.0	95.6	80.0-120				



Abbreviations and Definitions

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

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

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

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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 ^{1,4}	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	5-67674
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.**



Cp

Tc

Ss

Cn


Sr

Qc

GI

AI

Sc

CH2M Hill- Kinder Morgan- Atlanta, GA 6600 Peachtree Dunwoody Road Report to: Bethany Garvey Project Description: Lewis Drive Phone: 770-604-9182 Fax:		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bgarvey@ch2m.com		City/State Collected: Belton, SC Lab Project #: KINCH2MGA-LEWIS Client Project #: 684910.LD.RAST Site/Facility ID #: Lewis Drive P.O. #:		Analysis / Container / Preservative Pres Chk: HCl V8260BTEXNSC 40miAmb-HCl		Chain of Custody Page 1 of 2  YOUR LAB OF CHOICE 12065 Lebanon Rd Walnut Lake, TN 37122 Phone: 615-758-5838 Phone: 800-767-5859 Fax: 615-755-5859 L# 897488 F127 Account: REVENUE Template: T121697 Prelogin: P593581 TSR: 526 - Chris McCord PB: 3-17-17 Shipped Via: FedEX Priority		
Collected by (print): Justine McLann Collected by (signature): Justine McLann Immediately Packed on Ice <input type="checkbox"/> N <input checked="" type="checkbox"/> Y		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Quote # Date Results Needed		No. of Cntrs		Remarks Sample # (lab only)		
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs			Remarks	Sample # (lab only)
SW-11-032117	grab	GW	N/A	3/21/17	0815	3	X			11
SW-10-032117		GW			0830	3	X			12
FP-01-032117		GW			0840	3	X			13
FP-02-032117		GW			0850	3	X			14
SW-09-032117		GW			0900	3	X			15
SW-08-032117		GW			0905	3	X			16
SW-13-032117		GW			0915	3	X			17
SW-04-032117		GW			0945	3	X			18
SW-02-032117		GW			1010	3	X			19
FP-03-032117		GW			1010	3	X			20
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #		pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> NP <input checked="" type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		
Relinquished by: (Signature) Justine McLann Date: 3/21/17 Time: 1730		Received by: (Signature) _____ Date: _____ Time: _____		Trip Blank Received: Yes / No HCL / MeOH TBR		Temp: 17 °C Bottles Received: 42		If preservation required by Login: Date/Time		
Relinquished by: (Signature) _____ Date: _____ Time: _____		Received by: (Signature) _____ Date: _____ Time: _____		Received for lab by: (Signature) nmj Date: 3-22-17 Time: 9:00		Hold: _____ Condition: NCF / 08				

CH2M Hill- Kinder Morgan- Atlanta, GA
 6600 Peachtree Dunwoody Road
 Report to: **Bethany Garvey**

Billing Information:
Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005
 Email To: bgarvey@ch2m.com

Project:
 Description: **Lewis Drive**
 City/State Collected: **Bolton, SC**

Phone: **770-604-9182**
 Client Project #: **6084910-LD.RAST**
 Lab Project #: **KINCH2MGA-LEWIS**

Collected by (print): **Justin McLaughlin**
 Site/Facility ID #: **Lewis Drive**
 P.O. #

Collected by (signature): **Justin McLaughlin**
 Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day
 Date Results Needed

Immediately Packed on Ice N Y No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative
SW-01-032117	grab	GW	N/A	3/21/17	1030	3 X	V8260BTEXNSC 40miAmb-HCl
SW-07-032117	↓	GW	↓	↓	1040	3 X	
SW-12-032117	↓	GW	↓	↓	1050	3 X	
SW-03-032117	↓	GW	↓	↓	1100	3 X	
		GW				3 X	

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

Remarks:
 Samples returned via: UPS FedEx Courier Tracking #

Relinquished by: (Signature) **Justin McLaughlin** Date: **3/21/17** Time: **1730**
 Received by: (Signature) _____ Trip Blank Received: Yes/No
 HCL / MeOH TBR

Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature) _____ Temp: **17** °C Bottles Received: **42**
 If preservation required by Login: Date/Time

Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received for lab by: (Signature) **newyork** Date: **3-22-17** Time: **9am**
 Hold: _____ Condition: **NCF 100**

Chain of Custody Page 2 of 2
ESC
 L.A.B. S.C.I.E.N.C.E.S
 YOUR LAB OF CHOICE
 12085 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859
 L# **397486**
 Table #
 Acctnum: **KINCH2MGA**
 Template: **T121697**
 Prelogin: **P593581**
 TSR: **526 - Chris McCord**
 PB: **3-17-17**
 Shipped Via: **FedEX Priority**

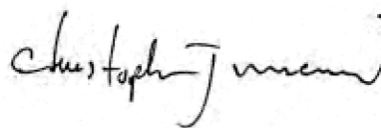
April 11, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L899598
Samples Received: 03/31/2017
Project Number: 684910.LD.RA5J
Description: Lewis Drive Site Surface water event

Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	3
⁴ Cn: Case Narrative	5
⁵ Sr: Sample Results	6
SW-11-033017 L899598-01	6
SW-10-033017 L899598-02	7
SW-09-033017 L899598-03	8
FP-01-033017 L899598-04	9
FP-02-033017 L899598-05	10
SW-08-033017 L899598-06	11
SW-13-033017 L899598-07	12
FP-03-033017 L899598-08	13
SW-04-033017 L899598-09	14
SW-02-033017 L899598-10	15
SW-01-033017 L899598-11	16
SW-07-033017 L899598-12	17
SW-12-033017 L899598-13	18
SW-03-033017 L899598-14	19
TB-01-033017 L899598-15	20
⁶ Qc: Quality Control Summary	21
Volatile Organic Compounds (GC/MS) by Method 8260B	21
⁷ Gl: Glossary of Terms	22
⁸ Al: Accreditations & Locations	23
⁹ Sc: Chain of Custody	24



SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



SW-11-033017 L899598-01 GW Collected by JM / CW Collected date/time 03/30/17 12:15 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 22:32	04/08/17 22:32	ACE

SW-10-033017 L899598-02 GW Collected by JM / CW Collected date/time 03/30/17 12:25 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 22:52	04/08/17 22:52	ACE

SW-09-033017 L899598-03 GW Collected by JM / CW Collected date/time 03/30/17 12:50 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 23:13	04/08/17 23:13	ACE

FP-01-033017 L899598-04 GW Collected by JM / CW Collected date/time 03/30/17 12:35 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 23:34	04/08/17 23:34	ACE

FP-02-033017 L899598-05 GW Collected by JM / CW Collected date/time 03/30/17 12:40 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 23:54	04/08/17 23:54	ACE

SW-08-033017 L899598-06 GW Collected by JM / CW Collected date/time 03/30/17 13:05 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 00:15	04/09/17 00:15	ACE

SW-13-033017 L899598-07 GW Collected by JM / CW Collected date/time 03/30/17 13:25 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 00:36	04/09/17 00:36	ACE

FP-03-033017 L899598-08 GW Collected by JM / CW Collected date/time 03/30/17 13:45 Received date/time 03/31/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 00:57	04/09/17 00:57	ACE

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



SW-04-033017 L899598-09 GW	Collected by JM / CW	Collected date/time 03/30/17 13:55	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 01:17	04/09/17 01:17	ACE

SW-02-033017 L899598-10 GW	Collected by JM / CW	Collected date/time 03/30/17 14:00	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 01:38	04/09/17 01:38	ACE

SW-01-033017 L899598-11 GW	Collected by JM / CW	Collected date/time 03/30/17 14:00	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 01:59	04/09/17 01:59	ACE

SW-07-033017 L899598-12 GW	Collected by JM / CW	Collected date/time 03/30/17 14:15	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 02:19	04/09/17 02:19	ACE

SW-12-033017 L899598-13 GW	Collected by JM / CW	Collected date/time 03/30/17 14:25	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 02:40	04/09/17 02:40	ACE

SW-03-033017 L899598-14 GW	Collected by JM / CW	Collected date/time 03/30/17 14:35	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 03:01	04/09/17 03:01	ACE

TB-01-033017 L899598-15 GW	Collected by JM / CW	Collected date/time 03/30/17 14:40	Received date/time 03/31/17 08:45
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatiles Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 20:07	04/08/17 20:07	ACE

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

CASE NARRATIVE



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

Chris McCord
Technical Service Representative

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/30/17 12:15

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 22:32	WG967230
Toluene	ND		1.00	1	04/08/2017 22:32	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 22:32	WG967230
o-Xylene	ND		1.00	1	04/08/2017 22:32	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 22:32	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 22:32	WG967230
Naphthalene	ND		5.00	1	04/08/2017 22:32	WG967230
(S) Toluene-d8	104		80.0-120		04/08/2017 22:32	WG967230
(S) Dibromofluoromethane	95.7		76.0-123		04/08/2017 22:32	WG967230
(S) a,a-Trifluorotoluene	97.9		80.0-120		04/08/2017 22:32	WG967230
(S) 4-Bromofluorobenzene	98.2		80.0-120		04/08/2017 22:32	WG967230

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 22:52	WG967230
Toluene	ND		1.00	1	04/08/2017 22:52	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 22:52	WG967230
o-Xylene	ND		1.00	1	04/08/2017 22:52	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 22:52	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 22:52	WG967230
Naphthalene	ND		5.00	1	04/08/2017 22:52	WG967230
(S) Toluene-d8	106		80.0-120		04/08/2017 22:52	WG967230
(S) Dibromofluoromethane	92.5		76.0-123		04/08/2017 22:52	WG967230
(S) a,a,o-Trifluorotoluene	96.6		80.0-120		04/08/2017 22:52	WG967230
(S) 4-Bromofluorobenzene	92.8		80.0-120		04/08/2017 22:52	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



Collected date/time: 03/30/17 12:50

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 23:13	WG967230
Toluene	ND		1.00	1	04/08/2017 23:13	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 23:13	WG967230
o-Xylene	ND		1.00	1	04/08/2017 23:13	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 23:13	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 23:13	WG967230
Naphthalene	ND		5.00	1	04/08/2017 23:13	WG967230
(S) Toluene-d8	104		80.0-120		04/08/2017 23:13	WG967230
(S) Dibromofluoromethane	95.8		76.0-123		04/08/2017 23:13	WG967230
(S) o,o,o-Trifluorotoluene	96.2		80.0-120		04/08/2017 23:13	WG967230
(S) 4-Bromofluorobenzene	98.5		80.0-120		04/08/2017 23:13	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 23:34	WG967230
Toluene	ND		1.00	1	04/08/2017 23:34	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 23:34	WG967230
o-Xylene	ND		1.00	1	04/08/2017 23:34	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 23:34	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 23:34	WG967230
Naphthalene	ND		5.00	1	04/08/2017 23:34	WG967230
(S) Toluene-d8	106		80.0-120		04/08/2017 23:34	WG967230
(S) Dibromofluoromethane	92.1		76.0-123		04/08/2017 23:34	WG967230
(S) a,a,a-Trifluorotoluene	95.8		80.0-120		04/08/2017 23:34	WG967230
(S) 4-Bromofluorobenzene	93.9		80.0-120		04/08/2017 23:34	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 23:54	WG967230
Toluene	ND		1.00	1	04/08/2017 23:54	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 23:54	WG967230
o-Xylene	ND		1.00	1	04/08/2017 23:54	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 23:54	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 23:54	WG967230
Naphthalene	ND		5.00	1	04/08/2017 23:54	WG967230
(S) Toluene-d8	105		80.0-120		04/08/2017 23:54	WG967230
(S) Dibromofluoromethane	96.6		76.0-123		04/08/2017 23:54	WG967230
(S) a,a,a-Trifluorotoluene	98.0		80.0-120		04/08/2017 23:54	WG967230
(S) 4-Bromofluorobenzene	99.8		80.0-120		04/08/2017 23:54	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 00:15	WG967230
Toluene	ND		1.00	1	04/09/2017 00:15	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 00:15	WG967230
o-Xylene	ND		1.00	1	04/09/2017 00:15	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 00:15	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 00:15	WG967230
Naphthalene	ND		5.00	1	04/09/2017 00:15	WG967230
(S) Toluene-d8	106		80.0-120		04/09/2017 00:15	WG967230
(S) Dibromofluoromethane	96.3		76.0-123		04/09/2017 00:15	WG967230
(S) a,a,a-Trifluorotoluene	96.1		80.0-120		04/09/2017 00:15	WG967230
(S) 4-Bromofluorobenzene	98.4		80.0-120		04/09/2017 00:15	WG967230

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc

SW-13-033017

SAMPLE RESULTS - 07

ONE LAB. NATIONWIDE.



Collected date/time: 03/30/17 13:25

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 00:36	WG967230
Toluene	ND		1.00	1	04/09/2017 00:36	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 00:36	WG967230
o-Xylene	ND		1.00	1	04/09/2017 00:36	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 00:36	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 00:36	WG967230
Naphthalene	ND		5.00	1	04/09/2017 00:36	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 00:36	WG967230
(S) Dibromofluoromethane	96.8		76.0-123		04/09/2017 00:36	WG967230
(S) a,a,a-Trifluorotoluene	98.7		80.0-120		04/09/2017 00:36	WG967230
(S) 4-Bromofluorobenzene	98.4		80.0-120		04/09/2017 00:36	WG967230

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	04/09/2017 00:57	WG967230
Toluene	ND		1.00	1	04/09/2017 00:57	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 00:57	WG967230
o-Xylene	ND		1.00	1	04/09/2017 00:57	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 00:57	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 00:57	WG967230
Naphthalene	ND		5.00	1	04/09/2017 00:57	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 00:57	WG967230
(S) Dibromofluoromethane	95.6		75.0-123		04/09/2017 00:57	WG967230
(S) a,a,a-Trifluorotoluene	95.9		80.0-120		04/09/2017 00:57	WG967230
(S) 4-Bromofluorobenzene	98.9		80.0-120		04/09/2017 00:57	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/30/17 13:55

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 01:17	WG967230
Toluene	6.15		1.00	1	04/09/2017 01:17	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 01:17	WG967230
o-Xylene	ND		1.00	1	04/09/2017 01:17	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 01:17	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 01:17	WG967230
Naphthalene	ND		5.00	1	04/09/2017 01:17	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 01:17	WG967230
(S) Dibromofluoromethane	95.4		75.0-123		04/09/2017 01:17	WG967230
(S) o,o,o-Trifluorotoluene	95.7		80.0-120		04/09/2017 01:17	WG967230
(S) 4-Bromofluorobenzene	97.5		80.0-120		04/09/2017 01:17	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



Collected date/time: 03/30/17 14:00

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	2.18		1.00	1	04/09/2017 01:38	WG967230
Toluene	ND		1.00	1	04/09/2017 01:38	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 01:38	WG967230
o-Xylene	ND		1.00	1	04/09/2017 01:38	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 01:38	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 01:38	WG967230
Naphthalene	ND		5.00	1	04/09/2017 01:38	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 01:38	WG967230
(S) Dibromofluoromethane	97.2		75.0-123		04/09/2017 01:38	WG967230
(S) a,a,a-Trifluorotoluene	96.9		80.0-120		04/09/2017 01:38	WG967230
(S) 4-Bromofluorobenzene	98.1		80.0-120		04/09/2017 01:38	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 01:59	WG967230
Toluene	ND		1.00	1	04/09/2017 01:59	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 01:59	WG967230
o-Xylene	ND		1.00	1	04/09/2017 01:59	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 01:59	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 01:59	WG967230
Naphthalene	ND		5.00	1	04/09/2017 01:59	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 01:59	WG967230
(S) Dibromofluoromethane	95.3		75.0-123		04/09/2017 01:59	WG967230
(S) a,a,a-Trifluorotoluene	97.0		80.0-120		04/09/2017 01:59	WG967230
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/09/2017 01:59	WG967230

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

SW-07-033017

SAMPLE RESULTS - 12

ONE LAB. NATIONWIDE.



Collected date/time: 03/30/17 14:15

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 02:19	WG967230
Toluene	ND		1.00	1	04/09/2017 02:19	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 02:19	WG967230
o-Xylene	ND		1.00	1	04/09/2017 02:19	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 02:19	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 02:19	WG967230
Naphthalene	ND		5.00	1	04/09/2017 02:19	WG967230
(S) Toluene-d8	106		80.0-120		04/09/2017 02:19	WG967230
(S) Dibromofluoromethane	97.5		76.0-123		04/09/2017 02:19	WG967230
(S) a,a,a-Trifluorotoluene	95.8		80.0-120		04/09/2017 02:19	WG967230
(S) 4-Bromofluorobenzene	97.9		80.0-120		04/09/2017 02:19	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA5J

SDG:

L899598

DATE/TIME:

04/11/17 15:05

PAGE:

17 of 25



Collected date/time: 03/30/17 14:25

L899598

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	48.5		1.00	1	04/09/2017 02:40	WG967230
Toluene	86.3		1.00	1	04/09/2017 02:40	WG967230
Ethylbenzene	5.69		1.00	1	04/09/2017 02:40	WG967230
o-Xylene	15.8		1.00	1	04/09/2017 02:40	WG967230
m&p-Xylene	27.7		2.00	1	04/09/2017 02:40	WG967230
Xylenes, Total	43.5		3.00	1	04/09/2017 02:40	WG967230
Naphthalene	ND		5.00	1	04/09/2017 02:40	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 02:40	WG967230
(S) Dibromofluoromethane	92.3		76.0-123		04/09/2017 02:40	WG967230
(S) a,a,a-Trifluorotoluene	96.5		80.0-120		04/09/2017 02:40	WG967230
(S) 4-Bromofluorobenzene	99.3		80.0-120		04/09/2017 02:40	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 03:01	WG967230
Toluene	ND		1.00	1	04/09/2017 03:01	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 03:01	WG967230
o-Xylene	ND		1.00	1	04/09/2017 03:01	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 03:01	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 03:01	WG967230
Naphthalene	ND		5.00	1	04/09/2017 03:01	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 03:01	WG967230
(S) Dibromofluoromethane	94.4		76.0-123		04/09/2017 03:01	WG967230
(S) a,a,a-Trifluorotoluene	96.3		80.0-120		04/09/2017 03:01	WG967230
(S) 4-Bromofluorobenzene	95.6		80.0-120		04/09/2017 03:01	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Benzene	ND		1.00	1	04/08/2017 20:07	WG967230
Toluene	ND		1.00	1	04/08/2017 20:07	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 20:07	WG967230
o-Xylene	ND		1.00	1	04/08/2017 20:07	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 20:07	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 20:07	WG967230
Naphthalene	ND		5.00	1	04/08/2017 20:07	WG967230
(S) Toluene-d8	105		80.0-120		04/08/2017 20:07	WG967230
(S) Dibromofluoromethane	91.0		76.0-123		04/08/2017 20:07	WG967230
(S) a,a,a-Trifluorotoluene	98.4		80.0-120		04/08/2017 20:07	WG967230
(S) 4-Bromofluorobenzene	94.5		80.0-120		04/08/2017 20:07	WG967230

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

Method Blank (MB)

(MB) R3209686-3 04/08/17 19:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.394	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	104			80.0-120
(S) Dibromofluoromethane	94.6			76.0-123
(S) o,o'-Trifluorotoluene	97.7			80.0-120
(S) 4-Bromofluorobenzene	102			80.0-120

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

(LCS) R3209686-1 04/08/17 18:00 • (LCSD) R3209686-2 04/08/17 18:21

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec %	LCSD Rec %	Rec Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	20.4	20.7	81.7	82.8	70.0-130			1.39	20
Ethylbenzene	25.0	20.0	20.4	79.9	81.5	70.0-130			1.99	20
Naphthalene	25.0	19.9	21.7	79.5	86.8	70.0-130			8.73	20
Toluene	25.0	20.7	20.7	82.6	82.9	70.0-130			0.310	20
o-Xylene	25.0	19.7	19.9	78.9	79.6	70.0-130			0.940	20
m,p-Xylenes	50.0	39.5	40.2	79.1	80.4	70.0-130			1.63	20
Xylenes, Total	75.0	59.2	60.1	78.9	80.1	70.0-130			1.51	20
(S) Toluene-d8				102	100	80.0-120				
(S) Dibromofluoromethane				93.9	94.9	76.0-123				
(S) o,o'-Trifluorotoluene				96.2	95.1	80.0-120				
(S) 4-Bromofluorobenzene				96.4	96.9	80.0-120				

Cp
 Tc
 Ss
 Cn
 Sr
 Qc
 Gl
 Al
 Sc



Abbreviations and Definitions

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

Qualifier Description

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

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



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

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ³	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 ¹⁴ 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.**



¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

CH2M Hill- Atlanta, GA

6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta GA 54124

Report to:
Bethany Garvey

Billing Information:

Accounts Payable
6600 Peachtree Dunwoody Rd.
400 Embassy Row - Ste. 600
Atlanta, GA 54124

Email To: bgarvey@ch2m.com

Pres
Chk

HCL

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

ESC
L.A.B. S.C.I.E.N.C.E.S
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-787-5858
Fax: 615-758-5859

L# 399598
H209
KINCH2MGA
Template: T120701
Prelogin: P588951
TSR: 526 - Chris McCord
PB: 770 17 am
Shipped Via: **FedEX Ground**

Project
Description: **Lewis Drive Site Surface water event**

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

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

Client Project #
624910.LDRAST

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
J. McLann

Site/Facility ID #
Lewis Drive

P.O. #

Collected by (signature):
Justine McLann

Rush? (Lab MUST Be Notified)

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

Quote #

Date Results Needed

Immediately
Packed on ice N Y

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs												
SW-11-033017	Grab	GW	NA	3/30/17	1215	3	X											1
SW-10-033017		GW			1225	3	X											2
SW-09-033017		GW			1250	3	X											3
FP-01-033017		GW			1235	3	X											4
FP-02-033017		GW			1240	3	X											5
SW-08-033017		GW			1305	3	X											6
SW-13-033017		GW			1325	3	X											7
FP-03-033017		GW			1345	3	X											8
SW-04-033017		GW			1355	3	X											9
SW-02-033017		GW			1400	3	X											10

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

Remarks:

Samples returned via:
 UPS FedEx Courier

Tracking #

pH _____ Temp _____
Flow _____ Other _____

Sample Receipt Checklist

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

Relinquished by: (Signature)
Justine McLann

Date: **3/30/17**
Time: **1745**

Received by: (Signature)

Trip Blank Received: Yes No
HCL/ MeOH

Relinquished by: (Signature)

Date:

Received by: (Signature)

Temp: **24.17** °C Bottles Received: **42**

Relinquished by: (Signature)

Date:

Received for lab by: (Signature)
M. J. [unclear]

Date: **3-31-17** Time: **845**

If preservation required by LogIn: Date/Time

Hold: Condition: **NCF 1/08**

CH2M Hill - Atlanta, GA

6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 54124

Report to:
Bethany Garvey

Billing Information:
Accounts Payable
6600 Peachtree Dunwoody Rd.
400 Embassy Row - Ste. 600
Atlanta, GA 54124

Email To: bgarvey@ch2m.com

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

12995 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-757-5859
Fax: 615-758-5859

Project
Description: Lewis Drive Site Surface water event

City/State
Collected: Belton, SC

Phone: 770-604-9182
Fax:

Client Project #
684910.WD.RAS

Lab Project #
KINCH2MGA-LEWIS

Collected by (print):
Justin McLean

Site/Facility ID #
Lewis Drive

P.O. #

Collected by (signature):
Justin McLean

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

Quote #

Date Results Needed

Immediately
Packed on Ice N Y

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Remarks	Sample # (lab only)
SW-01-032017	grab	GW	NA	3/30/17	1400	3	V8260BTEXN 40ml/AMB-HCl		1
SW-07-032017	↓	GW	↓	↓	1415	3			2
SW-12-032017	↓	GW	↓	↓	1425	3			3
SW-03-032017	↓	GW	↓	↓	1435	3			4
TB-01-032017	↓	GW	↓	↓	1440	1			5
		GW				2			
		GW				2			

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

Remarks:

Samples returned via:
UPS FedEx Courier

Tracking #

pH _____ Temp _____
Flow _____ Other _____

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


Relinquished by: (Signature) Justin McLean	Date: 3/30/17	Time: 1745	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TB	Temp: 24 M ³ °C	Bottles Received:	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)				
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Justin McLean	Date: 3-31-17	Time: 845	Hold:	Condition: NCF / 0

March 20, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L895881
Samples Received: 03/14/2017
Project Number: 684910.LD.RA.ST
Description: Lewis Drive Site
Site: LEWIS DR
Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord

Technical Service Representative

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1	¹ Cp
² Tc: Table of Contents	2	² Tc
³ Ss: Sample Summary	3	³ Ss
⁴ Cn: Case Narrative	4	⁴ Cn
⁵ Sr: Sample Results	5	⁵ Sr
MW-45B-031317 L895881-01	5	
MW-44B-031317 L895881-02	6	
MW-29-031317 L895881-03	7	
MW-17B-031317 L895881-04	8	
MW-23-031317 L895881-05	9	
MW-23B-031317 L895881-06	10	
FB-01-031317 L895881-07	11	
TB-01-031317 L895881-08	12	
⁶ Qc: Quality Control Summary	13	⁶ Qc
Volatile Organic Compounds (GC/MS) by Method 8260B	13	
⁷ Gl: Glossary of Terms	15	⁷ Gl
⁸ Al: Accreditations & Locations	16	⁸ Al
⁹ Sc: Chain of Custody	17	⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-45B-031317 L895881-01 GW	Collected by JM/PK	Collected date/time 03/13/17 12:20	Received date/time 03/14/17 09:00
------------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/19/17 21:21	03/19/17 21:21	JHH

MW-44B-031317 L895881-02 GW	Collected by JM/PK	Collected date/time 03/13/17 15:20	Received date/time 03/14/17 09:00
------------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/19/17 21:43	03/19/17 21:43	JHH

MW-29-031317 L895881-03 GW	Collected by JM/PK	Collected date/time 03/13/17 15:35	Received date/time 03/14/17 09:00
-----------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/19/17 22:06	03/19/17 22:06	JHH

MW-17B-031317 L895881-04 GW	Collected by JM/PK	Collected date/time 03/13/17 15:55	Received date/time 03/14/17 09:00
------------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	200	03/19/17 22:29	03/19/17 22:29	JHH

MW-23-031317 L895881-05 GW	Collected by JM/PK	Collected date/time 03/13/17 15:15	Received date/time 03/14/17 09:00
-----------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	5	03/19/17 22:52	03/19/17 22:52	JHH

MW-23B-031317 L895881-06 GW	Collected by JM/PK	Collected date/time 03/13/17 16:25	Received date/time 03/14/17 09:00
------------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/19/17 23:15	03/19/17 23:15	JHH

FB-01-031317 L895881-07 GW	Collected by JM/PK	Collected date/time 03/13/17 16:45	Received date/time 03/14/17 09:00
-----------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/19/17 23:37	03/19/17 23:37	JHH

TB-01-031317 L895881-08 GW	Collected by JM/PK	Collected date/time 03/13/17 16:45	Received date/time 03/14/17 09:00
-----------------------------------	-----------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/19/17 20:58	03/19/17 20:58	JHH

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

CASE NARRATIVE



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

Chris McCord
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/19/2017 21:21	WG961684
Toluene	ND		0.00100	1	03/19/2017 21:21	WG961684
Ethylbenzene	ND		0.00100	1	03/19/2017 21:21	WG961684
Total Xylenes	ND		0.00300	1	03/19/2017 21:21	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/19/2017 21:21	WG961684
Naphthalene	ND		0.00500	1	03/19/2017 21:21	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/19/2017 21:21	WG961684
(S) Toluene-d8	105		80.0-120		03/19/2017 21:21	WG961684
(S) Dibromofluoromethane	91.2		76.0-123		03/19/2017 21:21	WG961684
(S) 4-Bromofluorobenzene	96.8		80.0-120		03/19/2017 21:21	WG961684

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/19/2017 21:43	WG961684
Toluene	ND		0.00100	1	03/19/2017 21:43	WG961684
Ethylbenzene	ND		0.00100	1	03/19/2017 21:43	WG961684
Total Xylenes	ND		0.00300	1	03/19/2017 21:43	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/19/2017 21:43	WG961684
Naphthalene	ND		0.00500	1	03/19/2017 21:43	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/19/2017 21:43	WG961684
(S) Toluene-d8	104		80.0-120		03/19/2017 21:43	WG961684
(S) Dibromofluoromethane	93.0		76.0-123		03/19/2017 21:43	WG961684
(S) 4-Bromofluorobenzene	96.8		80.0-120		03/19/2017 21:43	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/19/2017 22:06	WG961684
Toluene	ND		0.00100	1	03/19/2017 22:06	WG961684
Ethylbenzene	ND		0.00100	1	03/19/2017 22:06	WG961684
Total Xylenes	ND		0.00300	1	03/19/2017 22:06	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/19/2017 22:06	WG961684
Naphthalene	ND		0.00500	1	03/19/2017 22:06	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/19/2017 22:06	WG961684
(S) Toluene-d8	105		80.0-120		03/19/2017 22:06	WG961684
(S) Dibromofluoromethane	91.8		76.0-123		03/19/2017 22:06	WG961684
(S) 4-Bromofluorobenzene	96.2		80.0-120		03/19/2017 22:06	WG961684

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	7.35		0.200	200	03/19/2017 22:29	WG961684
Toluene	14.1		0.200	200	03/19/2017 22:29	WG961684
Ethylbenzene	0.770		0.200	200	03/19/2017 22:29	WG961684
Total Xylenes	4.51		0.600	200	03/19/2017 22:29	WG961684
Methyl tert-butyl ether	0.944		0.200	200	03/19/2017 22:29	WG961684
Naphthalene	ND		1.00	200	03/19/2017 22:29	WG961684
1,2-Dichloroethane	ND		0.200	200	03/19/2017 22:29	WG961684
(S) Toluene-d8	106		80.0-120		03/19/2017 22:29	WG961684
(S) Dibromofluoromethane	93.0		76.0-123		03/19/2017 22:29	WG961684
(S) 4-Bromofluorobenzene	97.0		80.0-120		03/19/2017 22:29	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.709		0.00500	5	03/19/2017 22:52	WG961684
Toluene	0.0231		0.00500	5	03/19/2017 22:52	WG961684
Ethylbenzene	ND		0.00500	5	03/19/2017 22:52	WG961684
Total Xylenes	0.548		0.0150	5	03/19/2017 22:52	WG961684
Methyl tert-butyl ether	0.127		0.00500	5	03/19/2017 22:52	WG961684
Naphthalene	ND		0.0250	5	03/19/2017 22:52	WG961684
1,2-Dichloroethane	ND		0.00500	5	03/19/2017 22:52	WG961684
(S) Toluene-d8	106		80.0-120		03/19/2017 22:52	WG961684
(S) Dibromofluoromethane	95.5		76.0-123		03/19/2017 22:52	WG961684
(S) 4-Bromofluorobenzene	97.5		80.0-120		03/19/2017 22:52	WG961684

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/19/2017 23:15	WG961684
Toluene	0.00263		0.00100	1	03/19/2017 23:15	WG961684
Ethylbenzene	0.00111		0.00100	1	03/19/2017 23:15	WG961684
Total Xylenes	0.00886		0.00300	1	03/19/2017 23:15	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/19/2017 23:15	WG961684
Naphthalene	ND		0.00500	1	03/19/2017 23:15	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/19/2017 23:15	WG961684
(S) Toluene-d8	106		80.0-120		03/19/2017 23:15	WG961684
(S) Dibromofluoromethane	91.9		76.0-123		03/19/2017 23:15	WG961684
(S) 4-Bromofluorobenzene	98.1		80.0-120		03/19/2017 23:15	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/19/2017 23:37	WG961684
Toluene	ND		0.00100	1	03/19/2017 23:37	WG961684
Ethylbenzene	ND		0.00100	1	03/19/2017 23:37	WG961684
Total Xylenes	ND		0.00300	1	03/19/2017 23:37	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/19/2017 23:37	WG961684
Naphthalene	ND		0.00500	1	03/19/2017 23:37	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/19/2017 23:37	WG961684
(S) Toluene-d8	105		80.0-120		03/19/2017 23:37	WG961684
(S) Dibromofluoromethane	91.4		76.0-123		03/19/2017 23:37	WG961684
(S) 4-Bromofluorobenzene	96.5		80.0-120		03/19/2017 23:37	WG961684

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/19/2017 20:58	WG961684
Toluene	ND		0.00100	1	03/19/2017 20:58	WG961684
Ethylbenzene	ND		0.00100	1	03/19/2017 20:58	WG961684
Total Xylenes	ND		0.00300	1	03/19/2017 20:58	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/19/2017 20:58	WG961684
Naphthalene	ND		0.00500	1	03/19/2017 20:58	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/19/2017 20:58	WG961684
(S) Toluene-d8	105		80.0-120		03/19/2017 20:58	WG961684
(S) Dibromofluoromethane	90.5		76.0-123		03/19/2017 20:58	WG961684
(S) 4-Bromofluorobenzene	96.1		80.0-120		03/19/2017 20:58	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

WG961684

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

QUALITY CONTROL SUMMARY

L895881-01,02,03,04,05,06,07,08

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3204544-3 03/19/17 17:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
Ethylbenzene	U		0.000384	0.00100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	105			80.0-120
(S) Dibromofluoromethane	90.6			76.0-123
(S) 4-Bromofluorobenzene	97.4			80.0-120

Cp

Tc

Ss

Cn

Sr

Qc

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

(LCS) R3204544-1 03/19/17 16:50 • (LCSD) R3204544-2 03/19/17 17:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0246	0.0251	98.4	100	70.0-130			1.95	20
1,2-Dichloroethane	0.0250	0.0268	0.0272	107	109	70.0-130			1.73	20
Ethylbenzene	0.0250	0.0213	0.0211	85.3	84.5	70.0-130			0.930	20
Methyl tert-butyl ether	0.0250	0.0232	0.0239	92.9	95.7	70.0-130			2.97	20
Naphthalene	0.0250	0.0247	0.0240	98.9	95.9	70.0-130			3.10	20
Toluene	0.0250	0.0244	0.0248	97.7	99.1	70.0-130			1.39	20
Xylenes, Total	0.0750	0.0646	0.0641	86.1	85.5	70.0-130			0.780	20
(S) Toluene-d8				107	107	80.0-120				
(S) Dibromofluoromethane				91.8	93.0	76.0-123				
(S) 4-Bromofluorobenzene				96.1	95.2	80.0-120				

Gl

Al

Sc

L895881-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L895881-04 03/19/17 22:29 • (MS) R3204544-4 03/19/17 19:49 • (MSD) R3204544-5 03/19/17 20:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	7.35	11.9	12.8	91.2	109	200	54.3-133			7.04	20
1,2-Dichloroethane	0.0250	ND	5.87	6.19	117	124	200	60.0-126			5.43	20
Ethylbenzene	0.0250	0.770	4.94	5.32	83.5	91.0	200	61.4-133			7.29	20
Methyl tert-butyl ether	0.0250	0.944	6.29	6.60	107	113	200	57.7-134			4.70	20
Naphthalene	0.0250	ND	5.40	5.88	108	118	200	58.0-135			8.53	25.5
Toluene	0.0250	14.1	18.4	19.5	85.4	108	200	61.4-130			5.85	20
Xylenes, Total	0.0750	4.51	17.0	18.2	83.1	91.3	200	63.3-131			7.05	20

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L895881

DATE/TIME:

03/20/17 16:58

PAGE:

13 of 17

WG961684

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

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

L895881-01,02,03,04,05,06,07,08

L895881-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L895881-04 03/19/17 22:29 • (MS) R3204544-4 03/19/17 19:49 • (MSD) R3204544-5 03/19/17 20:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					107	108		80.0-120				
(S) Dibromofluoromethane					94.6	94.9		76.0-123				
(S) 4-Bromofluorobenzene					94.9	94.9		80.0-120				

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

ACCOUNT:
CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:
684910.LD.RA.ST

SDG:
L895881

DATE/TIME:
03/20/17 16:58

PAGE:
14 of 17



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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier Description

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

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



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

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1,4}	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.**



¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

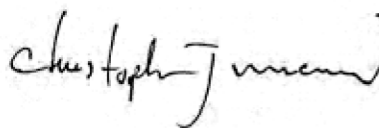
CH2M Hill- Kinder Morgan- Atlanta, GA 6600 Peachtree Dunwoody Road Report to: Bethany Garvey Project: Lewis Drive Site		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bethany.garvey@ch2m.com		Pres Chk: <input checked="" type="checkbox"/>		Analysis / Container / Preservative					Chain of Custody Page 1 of 1  YOUR LAB OF CHOICE 12045 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-8858 Phone: 800-781-5859 Fax: 615-758-5859		
City/State Collected: Belton, SC Lab Project #: KINCH2MGA-LEWIS12 Client Project #: 684910.LD.RA.5 Site/Facility ID #: Lewis Dr P.O. #		Quote #		Date Results Needed		V8260BTEXMNSC 40mlAmb-HCl V8260BTEXMNSC-TB 40mlAmb-HCl-Bik					L# 1875881 E226 Acctnum: KINCH2MGA Template: T121318 Prelogin: P592452 TSR: 526 - Chris McCord PB: TG 3-8-17 Shipped Via: FedEX Ground		
Rush? (Lab MUST Be Notified) Same Day <input type="checkbox"/> Five Day <input checked="" type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input type="checkbox"/>		Date Results Needed		No. of Cntrs							Remarks:		
Sample ID		Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	X	X	X	X	X	X
MW-45B-03/31/17		G	GW	N/A	3/13/17	1220	3	X					
MW-44B-03/31/17			GW			1520	3	X					
MW-29-03/31/17			GW			1535	3	X					
MW-17B-03/31/17			GW			1555	3	X					
MW-23-03/31/17			GW			1615	3	X					
MW-23B-03/31/17			GW			1625	3	X					
FB-01-03/31/17			GW			1645	3	X	X				
TB-01-03/31/17		↓	GW	↓	↓	1645	3	X					
			GW				3	X					
			GW				3	X					
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - Wastewater DW - Drinking Water OT - Other		Remarks:		Samples returned via: UPS <input type="checkbox"/> FedEx <input checked="" type="checkbox"/> Courier <input type="checkbox"/>		Tracking # 7176 9016 5758		pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COC Signed/Accurate: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Bottles arrive intact: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Correct bottles used: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Sufficient volume sent: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> IIC Applicable: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> VOA Zero Headspace: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Preservation Correct/Checked: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Relinquished by: (Signature) Justine McLann		Date: 3/13/17	Time: 1800	Received by: (Signature)		Trip Blank Received: <input checked="" type="checkbox"/> Yes / No HCL/ MeOH TBR		Temp: _____ °C Bottles Received: 21		If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: _____ °C Bottles Received:		Date: _____ Time: _____		Hold:		Condition: NCF / <input checked="" type="checkbox"/>	
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) nehj/klb		Date: 3-14-17 Time: 900		Hold:		Condition: NCF / <input checked="" type="checkbox"/>			

March 22, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L896133
Samples Received: 03/15/2017
Project Number: 684910.LD.RA.ST
Description: Lewis Drive Site
Site: LEWIS DR
Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:

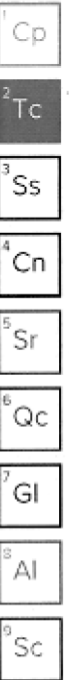


Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS

¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	3
⁴ Cn: Case Narrative	6
⁵ Sr: Sample Results	7
MW-26B-031417 L896133-01	7
MW-26-031417 L896133-02	8
MW-15B-031417 L896133-03	9
MW-15-031417 L896133-04	10
MW-15-031417-FD L896133-05	11
MW-12B-031417 L896133-06	12
MW-12B-031417-FD L896133-07	13
MW-35-031417 L896133-08	14
MW-25-031417 L896133-09	15
MW-25B-031417 L896133-10	16
MW-42-031417 L896133-11	17
MW-41-031417 L896133-12	18
MW-39-031417 L896133-13	19
FB-01-031417 L896133-14	20
MW-40-031417 L896133-15	21
MW-21-031417 L896133-16	22
MW-38-031417 L896133-17	23
TB-01-031417 L896133-18	24
⁶ Qc: Quality Control Summary	25
Volatile Organic Compounds (GC/MS) by Method 8260B	25
⁷ Gl: Glossary of Terms	29
⁸ Al: Accreditations & Locations	30
⁹ Sc: Chain of Custody	31



SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-26B-031417 L896133-01 GW						Collected by Justine McCann	Collected date/time 03/14/17 08:55	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 00:00	03/20/17 00:00	JHH			
MW-26-031417 L896133-02 GW						Collected by Justine McCann	Collected date/time 03/14/17 09:05	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 00:23	03/20/17 00:23	JHH			
MW-15B-031417 L896133-03 GW						Collected by Justine McCann	Collected date/time 03/14/17 09:30	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	100	03/20/17 00:46	03/20/17 00:46	JHH			
MW-15-031417 L896133-04 GW						Collected by Justine McCann	Collected date/time 03/14/17 09:45	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	25	03/20/17 01:09	03/20/17 01:09	JHH			
MW-15-031417-FD L896133-05 GW						Collected by Justine McCann	Collected date/time 03/14/17 09:50	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	25	03/20/17 01:32	03/20/17 01:32	JHH			
MW-12B-031417 L896133-06 GW						Collected by Justine McCann	Collected date/time 03/14/17 10:05	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 01:54	03/20/17 01:54	JHH			
MW-12B-031417-FD L896133-07 GW						Collected by Justine McCann	Collected date/time 03/14/17 10:10	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 02:17	03/20/17 02:17	JHH			
MW-35-031417 L896133-08 GW						Collected by Justine McCann	Collected date/time 03/14/17 10:35	Received date/time 03/15/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 02:40	03/20/17 02:40	JHH			

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-25-031417 L896133-09 GW Collected by Justine McCann Collected date/time 03/14/17 10:45 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	10	03/20/17 03:03	03/20/17 03:03	JHH

MW-25B-031417 L896133-10 GW Collected by Justine McCann Collected date/time 03/14/17 10:50 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 03:26	03/20/17 03:26	JHH

MW-42-031417 L896133-11 GW Collected by Justine McCann Collected date/time 03/14/17 11:05 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 03:48	03/20/17 03:48	JHH

MW-41-031417 L896133-12 GW Collected by Justine McCann Collected date/time 03/14/17 11:15 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	1	03/20/17 04:11	03/20/17 04:11	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961684	10	03/21/17 14:50	03/21/17 14:50	BMB

MW-39-031417 L896133-13 GW Collected by Justine McCann Collected date/time 03/14/17 11:40 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	10	03/21/17 12:47	03/21/17 12:47	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	100	03/21/17 18:49	03/21/17 18:49	BMB

FB-01-031417 L896133-14 GW Collected by Justine McCann Collected date/time 03/14/17 15:10 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	1	03/21/17 13:08	03/21/17 13:08	BMB

MW-40-031417 L896133-15 GW Collected by Justine McCann Collected date/time 03/14/17 11:50 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	50	03/21/17 13:29	03/21/17 13:29	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	500	03/21/17 19:10	03/21/17 19:10	BMB

MW-21-031417 L896133-16 GW Collected by Justine McCann Collected date/time 03/14/17 15:15 Received date/time 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	1	03/21/17 13:51	03/21/17 13:51	BMB

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE



MW-38-031417 L896133-17 GW Collected by: Justine McCann
Collected date/time: 03/14/17 13:15
Received date/time: 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	1	03/21/17 14:12	03/21/17 14:12	BMB

TB-01-031417 L896133-18 GW Collected by: Justine McCann
Collected date/time: 03/14/17 15:15
Received date/time: 03/15/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG961685	1	03/21/17 12:25	03/21/17 12:25	BMB

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc



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

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/20/2017 00:00	WG961684
Toluene	ND		0.00100	1	03/20/2017 00:00	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 00:00	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 00:00	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/20/2017 00:00	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 00:00	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 00:00	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 00:00	WG961684
(S) Dibromofluoromethane	92.7		76.0-123		03/20/2017 00:00	WG961684
(S) 4-Bromofluorobenzene	97.0		80.0-120		03/20/2017 00:00	WG961684

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/20/2017 00:23	WG961684
Toluene	ND		0.00100	1	03/20/2017 00:23	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 00:23	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 00:23	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/20/2017 00:23	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 00:23	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 00:23	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 00:23	WG961684
(S) Dibromofluoromethane	90.7		76.0-123		03/20/2017 00:23	WG961684
(S) 4-Bromofluorobenzene	97.6		80.0-120		03/20/2017 00:23	WG961684

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	2.16		0.100	100	03/20/2017 00:46	WG961684
Toluene	4.58		0.100	100	03/20/2017 00:46	WG961684
Ethylbenzene	0.248		0.100	100	03/20/2017 00:46	WG961684
Total Xylenes	1.50		0.300	100	03/20/2017 00:46	WG961684
Methyl tert-butyl ether	0.118		0.100	100	03/20/2017 00:46	WG961684
Naphthalene	ND		0.500	100	03/20/2017 00:46	WG961684
1,2-Dichloroethane	ND		0.100	100	03/20/2017 00:46	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 00:46	WG961684
(S) Dibromofluoromethane	90.8		76.0-123		03/20/2017 00:46	WG961684
(S) 4-Bromofluorobenzene	99.1		80.0-120		03/20/2017 00:46	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	1.96		0.0250	25	03/20/2017 01:09	WG961684
Toluene	0.324		0.0250	25	03/20/2017 01:09	WG961684
Ethylbenzene	0.0721		0.0250	25	03/20/2017 01:09	WG961684
Total Xylenes	1.32		0.0750	25	03/20/2017 01:09	WG961684
Methyl tert-butyl ether	0.161		0.0250	25	03/20/2017 01:09	WG961684
Naphthalene	ND		0.125	25	03/20/2017 01:09	WG961684
1,2-Dichloroethane	ND		0.0250	25	03/20/2017 01:09	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 01:09	WG961684
(S) Dibromofluoromethane	93.1		76.0-123		03/20/2017 01:09	WG961684
(S) 4-Bromofluorobenzene	96.8		80.0-120		03/20/2017 01:09	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	1.82		0.0250	25	03/20/2017 01:32	WG961684
Toluene	0.286		0.0250	25	03/20/2017 01:32	WG961684
Ethylbenzene	0.0605		0.0250	25	03/20/2017 01:32	WG961684
Total Xylenes	1.12		0.0750	25	03/20/2017 01:32	WG961684
Methyl tert-butyl ether	0.153		0.0250	25	03/20/2017 01:32	WG961684
Naphthalene	ND		0.125	25	03/20/2017 01:32	WG961684
1,2-Dichloroethane	ND		0.0250	25	03/20/2017 01:32	WG961684
(S) Toluene-d8	106		80.0-120		03/20/2017 01:32	WG961684
(S) Dibromofluoromethane	91.9		76.0-123		03/20/2017 01:32	WG961684
(S) 4-Bromofluorobenzene	97.9		80.0-120		03/20/2017 01:32	WG961684

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



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/20/2017 01:54	WG961684
Toluene	ND		0.00100	1	03/20/2017 01:54	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 01:54	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 01:54	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/20/2017 01:54	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 01:54	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 01:54	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 01:54	WG961684
(S) Dibromofluoromethane	91.3		75.0-123		03/20/2017 01:54	WG961684
(S) 4-Bromofluorobenzene	97.7		80.0-120		03/20/2017 01:54	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/20/2017 02:17	WG961684
Toluene	ND		0.00100	1	03/20/2017 02:17	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 02:17	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 02:17	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/20/2017 02:17	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 02:17	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 02:17	WG961684
(S) Toluene-d8	104		80.0-120		03/20/2017 02:17	WG961684
(S) Dibromofluoromethane	89.9		76.0-123		03/20/2017 02:17	WG961684
(S) 4-Bromofluorobenzene	98.3		80.0-120		03/20/2017 02:17	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/20/2017 02:40	WG961684
Toluene	ND		0.00100	1	03/20/2017 02:40	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 02:40	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 02:40	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/20/2017 02:40	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 02:40	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 02:40	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 02:40	WG961684
(S) Dibromofluoromethane	90.8		76.0-123		03/20/2017 02:40	WG961684
(S) 4-Bromofluorobenzene	97.4		80.0-120		03/20/2017 02:40	WG961684

- 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 mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.627		0.0100	10	03/20/2017 03:03	WG961684
Toluene	0.0101		0.0100	10	03/20/2017 03:03	WG961684
Ethylbenzene	0.0286		0.0100	10	03/20/2017 03:03	WG961684
Total Xylenes	0.668		0.0300	10	03/20/2017 03:03	WG961684
Methyl tert-butyl ether	ND		0.0100	10	03/20/2017 03:03	WG961684
Naphthalene	ND		0.0500	10	03/20/2017 03:03	WG961684
1,2-Dichloroethane	ND		0.0100	10	03/20/2017 03:03	WG961684
(S) Toluene-d8	105		80.0-120		03/20/2017 03:03	WG961684
(S) Dibromofluoromethane	93.1		76.0-123		03/20/2017 03:03	WG961684
(S) 4-Bromofluorobenzene	96.5		80.0-120		03/20/2017 03:03	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 Al

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/20/2017 03:26	WG961684
Toluene	ND		0.00100	1	03/20/2017 03:26	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 03:26	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 03:26	WG961684
Methyl tert-butyl ether	ND		0.00100	1	03/20/2017 03:26	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 03:26	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 03:26	WG961684
(S) Toluene-d8	106		80.0-120		03/20/2017 03:26	WG961684
(S) Dibromofluoromethane	91.3		75.0-123		03/20/2017 03:26	WG961684
(S) 4-Bromofluorobenzene	97.7		80.0-120		03/20/2017 03:26	WG961684

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0193		0.00100	1	03/20/2017 03:48	WG961684
Toluene	ND		0.00100	1	03/20/2017 03:48	WG961684
Ethylbenzene	ND		0.00100	1	03/20/2017 03:48	WG961684
Total Xylenes	ND		0.00300	1	03/20/2017 03:48	WG961684
Methyl tert-butyl ether	0.00112		0.00100	1	03/20/2017 03:48	WG961684
Naphthalene	ND		0.00500	1	03/20/2017 03:48	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 03:48	WG961684
(S) Toluene-d8	106		80.0-120		03/20/2017 03:48	WG961684
(S) Dibromofluoromethane	90.7		76.0-123		03/20/2017 03:48	WG961684
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/20/2017 03:48	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 03/14/17 11:15

L896133

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.469		0.0100	10	03/21/2017 14:50	WG961684
Toluene	ND		0.00100	1	03/20/2017 04:11	WG961684
Ethylbenzene	0.00178		0.00100	1	03/20/2017 04:11	WG961684
Total Xylenes	0.275		0.00300	1	03/20/2017 04:11	WG961684
Methyl tert-butyl ether	0.00434		0.00100	1	03/20/2017 04:11	WG961684
Naphthalene	0.0181		0.00500	1	03/20/2017 04:11	WG961684
1,2-Dichloroethane	ND		0.00100	1	03/20/2017 04:11	WG961684
(S) Toluene-d8	106		80.0-120		03/20/2017 04:11	WG961684
(S) Toluene-d8	107		80.0-120		03/21/2017 14:50	WG961684
(S) Dibromofluoromethane	99.5		76.0-123		03/20/2017 04:11	WG961684
(S) Dibromofluoromethane	106		76.0-123		03/21/2017 14:50	WG961684
(S) 4-Bromofluorobenzene	96.2		80.0-120		03/20/2017 04:11	WG961684
(S) 4-Bromofluorobenzene	98.8		80.0-120		03/21/2017 14:50	WG961684

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

MW-39-031417

SAMPLE RESULTS - 13

ONE LAB. NATIONWIDE



Collected date/time: 03/14/17 11:40

L896133

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	6.37		0.100	100	03/21/2017 18:49	WG961685
Toluene	2.20		0.100	100	03/21/2017 18:49	WG961685
Ethylbenzene	0.431		0.0100	10	03/21/2017 12:47	WG961685
Total Xylenes	3.70		0.0300	10	03/21/2017 12:47	WG961685
Methyl tert-butyl ether	0.199		0.0100	10	03/21/2017 12:47	WG961685
Naphthalene	0.117		0.0500	10	03/21/2017 12:47	WG961685
1,2-Dichloroethane	ND		0.0100	10	03/21/2017 12:47	WG961685
(S) Toluene-d8	104		80.0-120		03/21/2017 18:49	WG961685
(S) Toluene-d8	106		80.0-120		03/21/2017 12:47	WG961685
(S) Dibromofluoromethane	81.7		76.0-123		03/21/2017 12:47	WG961685
(S) Dibromofluoromethane	93.9		76.0-123		03/21/2017 18:49	WG961685
(S) 4-Bromofluorobenzene	107		80.0-120		03/21/2017 18:49	WG961685
(S) 4-Bromofluorobenzene	112		80.0-120		03/21/2017 12:47	WG961685

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

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L896133

DATE/TIME:

03/22/17 15:11

PAGE:

19 of 32



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/21/2017 13:08	WG961685
Toluene	ND		0.00100	1	03/21/2017 13:08	WG961685
Ethylbenzene	ND		0.00100	1	03/21/2017 13:08	WG961685
Total Xylenes	ND		0.00300	1	03/21/2017 13:08	WG961685
Methyl tert-butyl ether	ND		0.00100	1	03/21/2017 13:08	WG961685
Naphthalene	ND		0.00500	1	03/21/2017 13:08	WG961685
1,2-Dichloroethane	ND		0.00100	1	03/21/2017 13:08	WG961685
(S) Toluene-d8	107		80.0-120		03/21/2017 13:08	WG961685
(S) Dibromofluoromethane	108		76.0-123		03/21/2017 13:08	WG961685
(S) 4-Bromofluorobenzene	105		80.0-120		03/21/2017 13:08	WG961685

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

MW-40-031417

Collected date/time: 03/14/17 11:50

SAMPLE RESULTS - 15

L896133

ONE LAB. NATIONWIDE.



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	11.6		0.500	500	03/21/2017 19:10	WG961685
Toluene	16.1		0.500	500	03/21/2017 19:10	WG961685
Ethylbenzene	1.28		0.0500	50	03/21/2017 13:29	WG961685
Total Xylenes	7.26		0.150	50	03/21/2017 13:29	WG961685
Methyl tert-butyl ether	0.691		0.0500	50	03/21/2017 13:29	WG961685
Naphthalene	ND		0.250	50	03/21/2017 13:29	WG961685
1,2-Dichloroethane	ND		0.0500	50	03/21/2017 13:29	WG961685
(S) Toluene-d8	105		80.0-120		03/21/2017 13:29	WG961685
(S) Toluene-d8	105		80.0-120		03/21/2017 19:10	WG961685
(S) Dibromofluoromethane	103		76.0-123		03/21/2017 19:10	WG961685
(S) Dibromofluoromethane	105		76.0-123		03/21/2017 13:29	WG961685
(S) 4-Bromofluorobenzene	107		80.0-120		03/21/2017 19:10	WG961685
(S) 4-Bromofluorobenzene	108		80.0-120		03/21/2017 13:29	WG961685

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

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910 LD-RA ST

SDG:

L896133

DATE/TIME:

03/22/17 15:11

PAGE:

21 of 32



Collected date/time: 03/14/17 15:15

L896133

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/21/2017 13:51	WG961685
Toluene	ND		0.00100	1	03/21/2017 13:51	WG961685
Ethylbenzene	ND		0.00100	1	03/21/2017 13:51	WG961685
Total Xylenes	ND		0.00300	1	03/21/2017 13:51	WG961685
Methyl tert-butyl ether	ND		0.00100	1	03/21/2017 13:51	WG961685
Naphthalene	ND		0.00500	1	03/21/2017 13:51	WG961685
1,2-Dichloroethane	ND		0.00100	1	03/21/2017 13:51	WG961685
(S) Toluene-d8	108		80.0-120		03/21/2017 13:51	WG961685
(S) Dibromofluoromethane	110		76.0-123		03/21/2017 13:51	WG961685
(S) 4-Bromofluorobenzene	107		80.0-120		03/21/2017 13:51	WG961685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/21/2017 14:12	WG961685
Toluene	ND		0.00100	1	03/21/2017 14:12	WG961685
Ethylbenzene	ND		0.00100	1	03/21/2017 14:12	WG961685
Total Xylenes	ND		0.00300	1	03/21/2017 14:12	WG961685
Methyl tert-butyl ether	0.00914		0.00100	1	03/21/2017 14:12	WG961685
Naphthalene	ND		0.00500	1	03/21/2017 14:12	WG961685
1,2-Dichloroethane	ND		0.00100	1	03/21/2017 14:12	WG961685
(S) Toluene-d8	107		80.0-120		03/21/2017 14:12	WG961685
(S) Dibromofluoromethane	107		76.0-123		03/21/2017 14:12	WG961685
(S) 4-Bromofluorobenzene	108		80.0-120		03/21/2017 14:12	WG961685

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

TB-01-031417

SAMPLE RESULTS - 18

ONE LAB. NATIONWIDE.



Collected date/time: 03/14/17 15:15

L896133

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

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/21/2017 12:25	WG961685
Toluene	ND		0.00100	1	03/21/2017 12:25	WG961685
Ethylbenzene	ND		0.00100	1	03/21/2017 12:25	WG961685
Total Xylenes	ND		0.00300	1	03/21/2017 12:25	WG961685
Methyl tert-butyl ether	ND		0.00100	1	03/21/2017 12:25	WG961685
Naphthalene	ND		0.00500	1	03/21/2017 12:25	WG961685
1,2-Dichloroethane	ND		0.00100	1	03/21/2017 12:25	WG961685
(S) Toluene-d8	108		80.0-120		03/21/2017 12:25	WG961685
(S) Dibromofluoromethane	109		76.0-123		03/21/2017 12:25	WG961685
(S) 4-Bromofluorobenzene	108		80.0-120		03/21/2017 12:25	WG961685

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

WG961684

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

QUALITY CONTROL SUMMARY

L896133-01,02,03,04,05,06,07,08,09,10,11,12

ONE LAB. NATIONWIDE.

Method Blank (MB)

(MB) R3204544-3 03/19/17 17:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
Ethylbenzene	U		0.000384	0.00100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	105			80.0-120
(S) Dibromofluoromethane	90.6			76.0-123
(S) 4-Bromofluorobenzene	97.4			80.0-120

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

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

(LCS) R3204544-1 03/19/17 16:50 • (LCSD) R3204544-2 03/19/17 17:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0246	0.0251	98.4	100	70.0-130			1.95	20
1,2-Dichloroethane	0.0250	0.0268	0.0272	107	109	70.0-130			1.73	20
Ethylbenzene	0.0250	0.0213	0.0211	85.3	84.5	70.0-130			0.930	20
Methyl tert-butyl ether	0.0250	0.0232	0.0239	92.9	95.7	70.0-130			2.97	20
Naphthalene	0.0250	0.0247	0.0240	98.9	95.9	70.0-130			3.10	20
Toluene	0.0250	0.0244	0.0248	97.7	99.1	70.0-130			1.39	20
Xylenes, Total	0.0750	0.0646	0.0641	86.1	85.5	70.0-130			0.780	20
(S) Toluene-d8				107	107	80.0-120				
(S) Dibromofluoromethane				91.8	93.0	76.0-123				
(S) 4-Bromofluorobenzene				96.1	95.2	80.0-120				

L895881-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L895881-04 03/19/17 22:29 • (MS) R3204544-4 03/19/17 19:49 • (MSD) R3204544-5 03/19/17 20:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	7.35	11.9	12.8	91.2	109	200	54.3-133			7.04	20
1,2-Dichloroethane	0.0250	ND	5.87	6.19	117	124	200	60.0-126			5.43	20
Ethylbenzene	0.0250	0.770	4.94	5.32	83.5	91.0	200	61.4-133			7.29	20
Methyl tert-butyl ether	0.0250	0.944	6.29	6.60	107	113	200	57.7-134			4.70	20
Naphthalene	0.0250	ND	5.40	5.88	108	118	200	58.0-135			8.53	25.5
Toluene	0.0250	14.1	18.4	19.5	85.4	108	200	61.4-130			5.85	20
Xylenes, Total	0.0750	4.51	17.0	18.2	83.1	91.3	200	63.3-131			7.05	20

ACCOUNT:
CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:
684910.LD.RA.ST

SDG:
L896133

DATE/TIME:
03/22/17 15:11

PAGE:
25 of 32

WG961684

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

QUALITY CONTROL SUMMARY

L896133-01,02,03,04,05,06,07,08,09,10,11,12

ONE LAB. NATIONWIDE



L895881-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L895881-04 03/19/17 22:29 • (MS) R3204544-4 03/19/17 19:49 • (MSD) R3204544-5 03/19/17 20:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					107	108		80.0-120				
(S) Dibromofluoromethane					94.6	94.9		76.0-123				
(S) 4-Bromofluorobenzene					94.9	94.9		80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L896133

DATE/TIME:

03/22/17 15:11

PAGE:

26 of 32

WG961685

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

QUALITY CONTROL SUMMARY

L896133-13,14,15,16,17,18

ONE LAB. NATIONWIDE.

Method Blank (MB)

(MB) R3204864-3 03/21/17 11:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
Ethylbenzene	U		0.000384	0.00100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	107			80.0-120
(S) Dibromofluoromethane	108			76.0-123
(S) 4-Bromofluorobenzene	106			80.0-120

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

(LCS) R3204864-1 03/21/17 10:52 • (LCSD) R3204864-2 03/21/17 11:13

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0220	0.0245	87.9	98.0	70.0-130			10.9	20
1,2-Dichloroethane	0.0250	0.0227	0.0244	90.8	97.7	70.0-130			7.38	20
Ethylbenzene	0.0250	0.0209	0.0233	83.5	93.3	70.0-130			11.2	20
Methyl tert-butyl ether	0.0250	0.0222	0.0241	88.7	96.5	70.0-130			8.48	20
Naphthalene	0.0250	0.0220	0.0252	88.2	101	70.0-130			13.2	20
Toluene	0.0250	0.0217	0.0246	86.9	98.2	70.0-130			12.2	20
Xylenes, Total	0.0750	0.0648	0.0722	86.4	96.3	70.0-130			10.8	20
(S) Toluene-d8				104	107	80.0-120				
(S) Dibromofluoromethane				106	106	76.0-123				
(S) 4-Bromofluorobenzene				112	111	80.0-120				

L896110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L896110-01 03/21/17 20:14 • (MS) R3204864-4 03/21/17 20:35 • (MSD) R3204864-5 03/21/17 20:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	ND	0.621	0.881	49.6	70.5	50	54.3-133	J6	J3	34.7	20
1,2-Dichloroethane	0.0250	ND	0.811	0.942	64.8	75.3	50	60.0-126			15.0	20
Ethylbenzene	0.0250	0.940	1.79	1.91	68.3	77.8	50	61.4-133			6.41	20
Methyl tert-butyl ether	0.0250	ND	0.996	0.980	79.7	78.4	50	57.7-134			1.57	20
Naphthalene	0.0250	0.352	1.47	1.37	89.5	81.7	50	58.0-135			6.89	25.5
Toluene	0.0250	0.0510	0.745	0.970	55.5	73.5	50	61.4-130	J6	J3	26.2	20
Xylenes, Total	0.0750	2.92	5.71	6.11	74.5	85.2	50	63.3-131			6.77	20

ACCOUNT:
CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:
684910.LD.RA.ST

SDG:
L896133

DATE/TIME:
03/22/17 15:11

PAGE:
27 of 32

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

WG961685

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

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

L896133-13,14,15,16,17,18

L896110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L896110-01 03/21/17 20:14 • (MS) R3204864-4 03/21/17 20:35 • (MSD) R3204864-5 03/21/17 20:57

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					103	104		80.0-120				
(S) Dibromofluoromethane					98.7	97.9		75.0-123				
(S) 4-Bromofluorobenzene					110	112		80.0-120				

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

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L896133

DATE/TIME:

03/22/17 15:11

PAGE:

28 of 32



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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(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
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE. 

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	A130792	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-05-15-05		

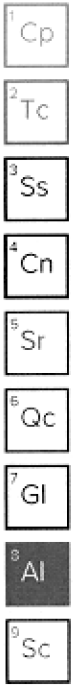
Third Party & Federal Accreditations

AZLA - ISO 17025	1461.01	AIHA-LAP,LLC	100789
AZLA - 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 ¹⁴ 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 Site**

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

Collected by (print): **Rewla Krome
Justine McCann**

Collected by (signature):
justine McLann

Immediately Packed on ice: N Y

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

Email To: **bethany.garvey@ch2m.com**

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

Lab Project # **KINCH2MGA-LEWIS12**

P.O. #

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

V8260BTEXMNSC 40mlAmb-HCl

V8260BTEXMNSC-TB 40mlAmb-HCl-Bik

Chain of Custody Page 1 of 2



YOUR LAB OF CHOICE
12005 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5858

LAB # **896133**

C103

Account: **KINCH2MGA**
Template: **T121318**
Prelogin: **P592452**
TSR: **526 - Chris McCord**
vB: **3-8-17**
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Pres	Chk	Remarks	Sample # (Bak only)
MW-26B-031417	grab	GW	N/A	3/14/17	0855	3	X			01
MW-26-031417		GW			0905	3	X			02
MW-15B-031417		GW			0930	3	X			03
MW-15-031417		GW			0945	3	X			04
MW-15-031417-ED		GW			0950	3	X		field dup	05
MW-12B-031417		GW			1005	3	X			06
MW-12B-031417-ED		GW			1010	3	X		field dup	07
MW-35-031417		GW			1035	3	X			08
MW-25-031417		GW			1045	3	X			09
MW-25B-031417		GW			1050	3	X			10

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

Remarks:

Samples returned via:
 UPS FedEx Courier

Tracking #

pH _____ Temp _____
Flow _____ Other _____

Trip Blank Received: Yes No
HCL MeOH TB

Temp: _____ °C Bottles Received: _____
Date: _____ Time: _____

If preservation required by Login: Date/Time

Condition: NCF OK

Relinquished by: (Signature) *Justine McLann* Date: **3/14/17** Time: **1700**

Relinquished by: (Signature) _____ Date: _____ Time: _____

Relinquished by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature) _____

Received for lab by: (Signature) *[Signature]* Date: **3/15/17** Time: **9:00**

CH2M Hill- Kinder Morgan- Atlanta, GA
 6600 Peachtree Dunwoody Road
 Report to: **Bethany Garvey**
 Project Description: **Lewis Drive Site**
 Phone: **770-604-9182**
 Fax: **678-910-1000**
 Collected by (print): **Paula Krane**
Justine McLann
 Collected by (signature): **Justine McLann**
 Packed on Ice: **N** **Y**

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005
 Email To: **bethany.garvey@ch2m.com**

City/State Collected: **Belton, SC**
 Lab Project #: **KINCH2MGA-LEWIS12**
 Client Project #: **684910.LD.RA.S**
 Site/Facility ID #: **Lewis Dr**
 Quote #
 Date Results Needed

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXMNSC 40mlAmb-HCl	V8260BTEXMNSC-TB 40mlAmb-HCl-Blk
MW-42-031417	grab	GW	N/A	3/14/17	1105	3	X	
MW-41-031417		GW			1115	3	X	
MW-39-031417		GW			1140	3	X	
TRIP BLANK TB-01-031417		GW			1515	1		X
TRIP BLANK FB-01-031417		GW			1510	3		X
MW-40-031417		GW			1150	3	X	
MW-21-031417		GW			1515	3	X	
MW-38-031417	grab	GW	N/A	3/14/17	1315	3	X	

Remarks:
 pH _____ Temp _____
 Flow _____ Other _____
 Samples returned via: UPS FedEx Courier _____
 Tracking # _____
 Trip Blank Received: Yes / No
 HCl / MeOH
 Temp: _____ °C Bottles Received: **51**
 Date: **3/15/17** Time: **9:00**
 Hold: _____ Condition: **NCF / OK**

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

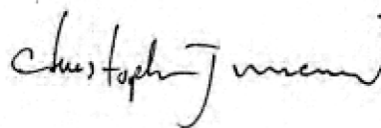
Chain of Custody Page 2 of 2
ESC
 L-A-B S-C-I-E-N-C-E-S
 YOUR LAB OF CHOICE
 12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5856
 Phone: 800-757-5859
 Fax: 615-758-5859
 L# **896133**
 Table #
 Acctnum: **KINCH2MGA**
 Template: **T121318**
 Prelogin: **P592452**
 TSR: **526 - Chris McCord**
 PB: **7763817**
 Shipped Via: **FedEX Ground**

March 23, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L896427
Samples Received: 03/16/2017
Project Number: 684910.LD.RA.ST
Description: Lewis Drive Site
Site: LEWIS DR
Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328










Entire Report Reviewed By:



Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS

¹ Cp: Cover Page	1	
² Tc: Table of Contents	2	
³ Ss: Sample Summary	3	
⁴ Cn: Case Narrative	4	
⁵ Sr: Sample Results	5	
MW-28-031517 L896427-01	5	
MW-34-031517 L896427-02	6	
FB-01-031517 L896427-03	7	
TB-01-031517 L896427-04	8	
⁶ Qc: Quality Control Summary	9	
Volatile Organic Compounds (GC/MS) by Method 8260B	9	
⁷ Gl: Glossary of Terms	11	
⁸ Al: Accreditations & Locations	12	
⁹ Sc: Chain of Custody	13	

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW-28-031517 L896427-01 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by PK/JM				Collected date/time 03/15/17 12:05	Received date/time 03/16/17 09:00
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962005	50	03/23/17 08:42	03/23/17 08:42	DWR

MW-34-031517 L896427-02 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by PK/JM				Collected date/time 03/15/17 12:20	Received date/time 03/16/17 09:00
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962005	10	03/23/17 09:05	03/23/17 09:05	DWR

FB-01-031517 L896427-03 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by PK/JM				Collected date/time 03/15/17 11:30	Received date/time 03/16/17 09:00
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962005	1	03/23/17 09:27	03/23/17 09:27	DWR

TB-01-031517 L896427-04 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by PK/JM				Collected date/time 03/15/17 11:35	Received date/time 03/16/17 09:00
Volatile Organic Compounds (GC/MS) by Method 8260B	WG962005	1	03/23/17 06:25	03/23/17 06:25	DWR

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Chris McCord
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	1120		50.0	50	03/23/2017 08:42	WG962005
Toluene	3350		50.0	50	03/23/2017 08:42	WG962005
Ethylbenzene	68.9		50.0	50	03/23/2017 08:42	WG962005
Total Xylenes	1370		150	50	03/23/2017 08:42	WG962005
Methyl tert-butyl ether	ND		50.0	50	03/23/2017 08:42	WG962005
Naphthalene	ND		250	50	03/23/2017 08:42	WG962005
1,2-Dichloroethane	ND		50.0	50	03/23/2017 08:42	WG962005
(S) Toluene-d8	106		80.0-120		03/23/2017 08:42	WG962005
(S) Dibromofluoromethane	90.7		76.0-123		03/23/2017 08:42	WG962005
(S) 4-Bromofluorobenzene	97.0		80.0-120		03/23/2017 08:42	WG962005

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	978		10.0	10	03/23/2017 09:05	WG962005
Toluene	143		10.0	10	03/23/2017 09:05	WG962005
Ethylbenzene	33.0		10.0	10	03/23/2017 09:05	WG962005
Total Xylenes	218		30.0	10	03/23/2017 09:05	WG962005
Methyl tert-butyl ether	157		10.0	10	03/23/2017 09:05	WG962005
Naphthalene	ND		50.0	10	03/23/2017 09:05	WG962005
1,2-Dichloroethane	ND		10.0	10	03/23/2017 09:05	WG962005
(S) Toluene-d8	106		80.0-120		03/23/2017 09:05	WG962005
(S) Dibromofluoromethane	93.8		76.0-123		03/23/2017 09:05	WG962005
(S) 4-Bromofluorobenzene	97.5		80.0-120		03/23/2017 09:05	WG962005

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/23/2017 09:27	WG962005
Toluene	ND		1.00	1	03/23/2017 09:27	WG962005
Ethylbenzene	ND		1.00	1	03/23/2017 09:27	WG962005
Total Xylenes	ND		3.00	1	03/23/2017 09:27	WG962005
Methyl tert-butyl ether	ND		1.00	1	03/23/2017 09:27	WG962005
Naphthalene	ND		5.00	1	03/23/2017 09:27	WG962005
1,2-Dichloroethane	ND		1.00	1	03/23/2017 09:27	WG962005
(S) Toluene-d8	105		80.0-120		03/23/2017 09:27	WG962005
(S) Dibromofluoromethane	90.7		76.0-123		03/23/2017 09:27	WG962005
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/23/2017 09:27	WG962005

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

TB-01-031517

SAMPLE RESULTS - 04

ONE LAB. NATIONWIDE.



Collected date/time: 03/15/17 11:35

L896427

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/23/2017 06:25	WG962005
Toluene	ND		1.00	1	03/23/2017 06:25	WG962005
Ethylbenzene	ND		1.00	1	03/23/2017 06:25	WG962005
Total Xylenes	ND		3.00	1	03/23/2017 06:25	WG962005
Methyl tert-butyl ether	ND		1.00	1	03/23/2017 06:25	WG962005
Naphthalene	ND		5.00	1	03/23/2017 06:25	WG962005
1,2-Dichloroethane	ND		1.00	1	03/23/2017 06:25	WG962005
(S) Toluene-d8	106		80.0-120		03/23/2017 06:25	WG962005
(S) Dibromofluoromethane	90.1		76.0-123		03/23/2017 06:25	WG962005
(S) 4-Bromofluorobenzene	96.9		80.0-120		03/23/2017 06:25	WG962005

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

WG962005

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

QUALITY CONTROL SUMMARY

L896427-01,02,03,04

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3205436-3 03/23/17 06:02

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	89.4			76.0-123
(S) 4-Bromofluorobenzene	96.9			80.0-120

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

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

(LCS) R3205436-1 03/23/17 04:54 • (LCSD) R3205436-2 03/23/17 05:17

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	24.9	26.1	99.6	104	70.0-130			4.68	20
1,2-Dichloroethane	25.0	28.4	28.0	113	112	70.0-130			1.37	20
Ethylbenzene	25.0	20.3	21.5	81.4	86.0	70.0-130			5.52	20
Methyl tert-butyl ether	25.0	24.9	24.5	99.8	98.1	70.0-130			1.73	20
Naphthalene	25.0	25.0	25.2	100	101	70.0-130			0.750	20
Toluene	25.0	24.5	25.7	97.8	103	70.0-130			4.83	20
Xylenes, Total	75.0	62.9	65.9	83.9	87.9	70.0-130			4.66	20
(S) Toluene-d8				108	108	80.0-120				
(S) Dibromofluoromethane				92.1	91.6	76.0-123				
(S) 4-Bromofluorobenzene				96.0	93.7	80.0-120				

L896426-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L896426-04 03/23/17 07:11 • (MS) R3205436-4 03/23/17 09:50 • (MSD) R3205436-5 03/23/17 10:13

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Benzene	25.0	5900	9450	9350	142	138	100	54.3-133	J5	J5	1.03	20
1,2-Dichloroethane	25.0	ND	3270	3240	131	130	100	60.0-126	J5	J5	0.900	20
Ethylbenzene	25.0	ND	2220	2190	88.8	87.5	100	61.4-133			1.47	20
Methyl tert-butyl ether	25.0	ND	2890	2900	116	116	100	57.7-134			0.0500	20
Naphthalene	25.0	ND	2990	3070	120	123	100	58.0-135			2.76	25.5
Toluene	25.0	1040	4250	4160	128	125	100	61.4-130			2.20	20
Xylenes, Total	75.0	1090	8640	8580	101	99.9	100	63.3-131			0.700	20

ACCOUNT:
CH2M Hill-Kinder Morgan-Atlanta, GA

PROJECT:
684910.LD.RA.ST

SDG:
L896427

DATE/TIME:
03/23/17 17:09

PAGE:
9 of 13

WG962005

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

QUALITY CONTROL SUMMARY

L896427-01.02.03.04

ONE LAB. NATIONWIDE.



L896426-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L896426-04 03/23/17 07:11 • (MS) R3205436-4 03/23/17 09:50 • (MSD) R3205436-5 03/23/17 10:13

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					108	108		80.0-120				
(S) Dibromofluoromethane					93.3	93.2		76.0-123				
(S) 4-Bromofluorobenzene					95.9	96.5		80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L896427

DATE/TIME:

03/23/17 17:09

PAGE:

10 of 13

GLOSSARY OF TERMS



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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(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

J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
----	--

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

ACCREDITATIONS & LOCATIONS

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	A130792	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-05-15-05		

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 ¹⁴ 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.**



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

CH2M Hill - Kinder Morgan - Atlanta, GA

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

6600 Peachtree Dunwoody Road

Report to: Bethany Garvey

Email To: bethany.garvey@ch2m.com

Project Description: Lewis Drive Site

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

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

Client Project # 62490- LDRA, ST Site/Facility ID # LEWIS DR

Collected by (print): Paula Kramer, Justine McLann Collected by (signature): Justine McLann

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

Quote # Date Results Needed No. of Cntrs

Immediately Packed on Ice N Y X

Table with columns: Sample ID, Comp/Grab, Matrix, Depth, Date, Time, Cntrs, Pres Chk, Analysis / Container / Preservative, Remarks, Sample # (lab only)

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

Remarks: pH Temp Flow Other Samples returned via: UPS X FedEx Courier Tracking #

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

Table for Relinquished by (Signature), Date, Time, Received by (Signature), Trip Blank Received, Temp, Bottles Received, Hold, Condition

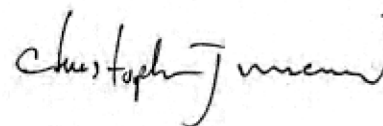
ESC logo, L.A.B S.C.I.E.N.C.E.S, YOUR LAB OF CHOICE, 12065 Lebanon Rd, Mount Juliet, TN 37122, Phone: 615-758-5858, Fax: 615-758-5859, L# C130, Acctnum: KINCH2MGA, Template: T121318, Prelogin: P592452, TSR: 526 - Chris McCord, PB: 3717, Shipped Via: FedEx Ground

March 29, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L897220
Samples Received: 03/21/2017
Project Number: 684910.1D.RA.ST
Description: Lewis Drive
Site: LEWIS DR.
Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	3
⁴ Cn: Case Narrative	6
⁵ Sr: Sample Results	7
MW-17B-032017 L897220-01	7
MW-29-032017 L897220-02	8
MW-45B-032017 L897220-03	9
MW-23-032017 L897220-04	10
MW-23-032017-FD L897220-05	11
MW-23B-032017 L897220-06	12
MW-26-032017 L897220-07	13
MW-26B-032017 L897220-08	14
MW-15B-032017 L897220-09	15
MW-15-032017 L897220-10	16
MW-39-032017 L897220-11	17
MW-40-032017 L897220-12	18
MW-41-032017 L897220-13	19
MW-42-032017 L897220-14	20
MW-25B-032017 L897220-15	21
MW-25-032017 L897220-16	22
MW-35-032017 L897220-17	23
MW-12B-032017 L897220-18	24
FB-01-032017 L897220-19	25
TB-01-032017 L897220-20	26
MW-34-032017 L897220-21	27
MW-38-032017 L897220-22	28
⁶ Qc: Quality Control Summary	29
Volatile Organic Compounds (GC/MS) by Method 8260B	29
⁷ Gl: Glossary of Terms	32
⁸ Al: Accreditations & Locations	33
⁹ Sc: Chain of Custody	34

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE



MW-17B-032017 L897220-01 GW	Collected by JM / MW	Collected date/time 03/20/17 12:45	Received date/time 03/21/17 09:00
------------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	200	03/29/17 06:35	03/29/17 06:35	JHH

MW-29-032017 L897220-02 GW	Collected by JM / MW	Collected date/time 03/20/17 12:55	Received date/time 03/21/17 09:00
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 10:45	03/25/17 10:45	BMB

MW-45B-032017 L897220-03 GW	Collected by JM / MW	Collected date/time 03/20/17 13:10	Received date/time 03/21/17 09:00
------------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 10:58	03/25/17 10:58	BMB

MW-23-032017 L897220-04 GW	Collected by JM / MW	Collected date/time 03/20/17 13:30	Received date/time 03/21/17 09:00
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	10	03/25/17 11:12	03/25/17 11:12	BMB

MW-23-032017-FD L897220-05 GW	Collected by JM / MW	Collected date/time 03/20/17 13:35	Received date/time 03/21/17 09:00
--------------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	10	03/25/17 11:25	03/25/17 11:25	BMB

MW-23B-032017 L897220-06 GW	Collected by JM / MW	Collected date/time 03/20/17 13:45	Received date/time 03/21/17 09:00
------------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 11:38	03/25/17 11:38	BMB

MW-26-032017 L897220-07 GW	Collected by JM / MW	Collected date/time 03/20/17 14:00	Received date/time 03/21/17 09:00
-----------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 11:52	03/25/17 11:52	BMB

MW-26B-032017 L897220-08 GW	Collected by JM / MW	Collected date/time 03/20/17 14:10	Received date/time 03/21/17 09:00
------------------------------------	-------------------------	---------------------------------------	--------------------------------------

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 12:05	03/25/17 12:05	BMB

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-15B-032017 L897220-09 GW						Collected by JM / MW	Collected date/time 03/20/17 14:30	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	25	03/25/17 12:19	03/25/17 12:19	BMB			

MW-15-032017 L897220-10 GW						Collected by JM / MW	Collected date/time 03/20/17 14:45	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	50	03/25/17 12:32	03/25/17 12:32	BMB			

MW-39-032017 L897220-11 GW						Collected by JM / MW	Collected date/time 03/20/17 14:55	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	100	03/25/17 12:45	03/25/17 12:45	BMB			

MW-40-032017 L897220-12 GW						Collected by JM / MW	Collected date/time 03/20/17 15:05	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	200	03/25/17 12:59	03/25/17 12:59	BMB			

MW-41-032017 L897220-13 GW						Collected by JM / MW	Collected date/time 03/20/17 15:15	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 13:12	03/25/17 13:12	BMB			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	20	03/29/17 06:58	03/29/17 06:58	JHH			

MW-42-032017 L897220-14 GW						Collected by JM / MW	Collected date/time 03/20/17 15:25	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 13:26	03/25/17 13:26	BMB			

MW-25B-032017 L897220-15 GW						Collected by JM / MW	Collected date/time 03/20/17 15:35	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 13:39	03/25/17 13:39	BMB			

MW-25-032017 L897220-16 GW						Collected by JM / MW	Collected date/time 03/20/17 15:45	Received date/time 03/21/17 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	20	03/25/17 13:52	03/25/17 13:52	BMB			

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-35-032017 L897220-17 GW Collected by JM / MW Collected date/time 03/20/17 15:55 Received date/time 03/21/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/29/17 07:21	03/29/17 07:21	JHH

MW-12B-032017 L897220-18 GW Collected by JM / MW Collected date/time 03/20/17 16:05 Received date/time 03/21/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/29/17 07:44	03/29/17 07:44	JHH

FB-01-032017 L897220-19 GW Collected by JM / MW Collected date/time 03/20/17 16:15 Received date/time 03/21/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/29/17 08:07	03/29/17 08:07	JHH

TB-01-032017 L897220-20 GW Collected by JM / MW Collected date/time 03/20/17 16:20 Received date/time 03/21/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964097	1	03/25/17 10:31	03/25/17 10:31	BMB

MW-34-032017 L897220-21 GW Collected by JM / MW Collected date/time 03/20/17 16:30 Received date/time 03/21/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964354	10	03/28/17 00:44	03/28/17 00:44	ACG

MW-38-032017 L897220-22 GW Collected by JM / MW Collected date/time 03/20/17 16:40 Received date/time 03/21/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964354	1	03/28/17 00:57	03/28/17 00:57	ACG

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

CASE NARRATIVE



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

Chris McCord
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	10700		200	200	03/29/2017 06:35	WG964097
Toluene	21400		200	200	03/29/2017 06:35	WG964097
Ethylbenzene	1360		200	200	03/29/2017 06:35	WG964097
Total Xylenes	7910		600	200	03/29/2017 06:35	WG964097
Methyl tert-butyl ether	1210		200	200	03/29/2017 06:35	WG964097
Naphthalene	ND		1000	200	03/29/2017 06:35	WG964097
1,2-Dichloroethane	323		200	200	03/29/2017 06:35	WG964097
(S) Toluene-d8	102		80.0-120		03/29/2017 06:35	WG964097
(S) Dibromofluoromethane	106		76.0-123		03/29/2017 06:35	WG964097
(S) 4-Bromofluorobenzene	104		80.0-120		03/29/2017 06:35	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 10:45	WG964097
Toluene	ND		1.00	1	03/25/2017 10:45	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 10:45	WG964097
Total Xylenes	ND		3.00	1	03/25/2017 10:45	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 10:45	WG964097
Naphthalene	ND		5.00	1	03/25/2017 10:45	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 10:45	WG964097
(S) Toluene-d8	105		80.0-120		03/25/2017 10:45	WG964097
(S) Dibromofluoromethane	90.8		76.0-123		03/25/2017 10:45	WG964097
(S) 4-Bromofluorobenzene	93.0		80.0-120		03/25/2017 10:45	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 10:58	WG964097
Toluene	ND		1.00	1	03/25/2017 10:58	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 10:58	WG964097
Total Xylenes	ND		3.00	1	03/25/2017 10:58	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 10:58	WG964097
Naphthalene	ND		5.00	1	03/25/2017 10:58	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 10:58	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 10:58	WG964097
(S) Dibromofluoromethane	92.4		76.0-123		03/25/2017 10:58	WG964097
(S) 4-Bromofluorobenzene	95.6		80.0-120		03/25/2017 10:58	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	642		10.0	10	03/25/2017 11:12	WG964097
Toluene	12.7		10.0	10	03/25/2017 11:12	WG964097
Ethylbenzene	ND		10.0	10	03/25/2017 11:12	WG964097
Total Xylenes	579		30.0	10	03/25/2017 11:12	WG964097
Methyl tert-butyl ether	108		10.0	10	03/25/2017 11:12	WG964097
Naphthalene	ND		50.0	10	03/25/2017 11:12	WG964097
1,2-Dichloroethane	ND		10.0	10	03/25/2017 11:12	WG964097
<i>(S)</i> Toluene-d8	106		80.0-120		03/25/2017 11:12	WG964097
<i>(S)</i> Dibromofluoromethane	88.4		76.0-123		03/25/2017 11:12	WG964097
<i>(S)</i> 4-Bromofluorobenzene	95.9		80.0-120		03/25/2017 11:12	WG964097

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	620		10.0	10	03/25/2017 11:25	WG964097
Toluene	12.0		10.0	10	03/25/2017 11:25	WG964097
Ethylbenzene	ND		10.0	10	03/25/2017 11:25	WG964097
Total Xylenes	548		30.0	10	03/25/2017 11:25	WG964097
Methyl tert-butyl ether	110		10.0	10	03/25/2017 11:25	WG964097
Naphthalene	ND		50.0	10	03/25/2017 11:25	WG964097
1,2-Dichloroethane	ND		10.0	10	03/25/2017 11:25	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 11:25	WG964097
(S) Dibromofluoromethane	89.4		76.0-123		03/25/2017 11:25	WG964097
(S) 4-Bromofluorobenzene	97.1		80.0-120		03/25/2017 11:25	WG964097

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 11:38	WG964097
Toluene	2.98		1.00	1	03/25/2017 11:38	WG964097
Ethylbenzene	1.55		1.00	1	03/25/2017 11:38	WG964097
Total Xylenes	11.7		3.00	1	03/25/2017 11:38	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 11:38	WG964097
Naphthalene	ND		5.00	1	03/25/2017 11:38	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 11:38	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 11:38	WG964097
(S) Dibromofluoromethane	92.8		76.0-123		03/25/2017 11:38	WG964097
(S) 4-Bromofluorobenzene	93.7		80.0-120		03/25/2017 11:38	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 11:52	WG964097
Toluene	ND		1.00	1	03/25/2017 11:52	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 11:52	WG964097
Total Xylenes	ND		3.00	1	03/25/2017 11:52	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 11:52	WG964097
Naphthalene	ND		5.00	1	03/25/2017 11:52	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 11:52	WG964097
(S) Toluene-d8	107		80.0-120		03/25/2017 11:52	WG964097
(S) Dibromofluoromethane	91.3		76.0-123		03/25/2017 11:52	WG964097
(S) 4-Bromofluorobenzene	96.2		80.0-120		03/25/2017 11:52	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 12:05	WG964097
Toluene	ND		1.00	1	03/25/2017 12:05	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 12:05	WG964097
Total Xylenes	ND		3.00	1	03/25/2017 12:05	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 12:05	WG964097
Naphthalene	ND		5.00	1	03/25/2017 12:05	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 12:05	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 12:05	WG964097
(S) Dibromofluoromethane	91.2		76.0-123		03/25/2017 12:05	WG964097
(S) 4-Bromofluorobenzene	95.2		80.0-120		03/25/2017 12:05	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	615		25.0	25	03/25/2017 12:19	WG964097
Toluene	1270		25.0	25	03/25/2017 12:19	WG964097
Ethylbenzene	88.6		25.0	25	03/25/2017 12:19	WG964097
Total Xylenes	555		75.0	25	03/25/2017 12:19	WG964097
Methyl tert-butyl ether	67.5		25.0	25	03/25/2017 12:19	WG964097
Naphthalene	ND		125	25	03/25/2017 12:19	WG964097
1,2-Dichloroethane	ND		25.0	25	03/25/2017 12:19	WG964097
(S) Toluene-d8	108		80.0-120		03/25/2017 12:19	WG964097
(S) Dibromofluoromethane	90.6		76.0-123		03/25/2017 12:19	WG964097
(S) 4-Bromofluorobenzene	95.0		80.0-120		03/25/2017 12:19	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	3390		50.0	50	03/25/2017 12:32	WG964097
Toluene	505		50.0	50	03/25/2017 12:32	WG964097
Ethylbenzene	103		50.0	50	03/25/2017 12:32	WG964097
Total Xylenes	2460		150	50	03/25/2017 12:32	WG964097
Methyl tert-butyl ether	194		50.0	50	03/25/2017 12:32	WG964097
Naphthalene	ND		250	50	03/25/2017 12:32	WG964097
1,2-Dichloroethane	ND		50.0	50	03/25/2017 12:32	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 12:32	WG964097
(S) Dibromofluoromethane	89.7		76.0-123		03/25/2017 12:32	WG964097
(S) 4-Bromofluorobenzene	96.2		80.0-120		03/25/2017 12:32	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	7340		100	100	03/25/2017 12:45	WG964097
Toluene	2990		100	100	03/25/2017 12:45	WG964097
Ethylbenzene	704		100	100	03/25/2017 12:45	WG964097
Total Xylenes	4050		300	100	03/25/2017 12:45	WG964097
Methyl tert-butyl ether	248		100	100	03/25/2017 12:45	WG964097
Naphthalene	ND		500	100	03/25/2017 12:45	WG964097
1,2-Dichloroethane	ND		100	100	03/25/2017 12:45	WG964097
(S) Toluene-d8	107		80.0-120		03/25/2017 12:45	WG964097
(S) Dibromofluoromethane	87.8		76.0-123		03/25/2017 12:45	WG964097
(S) 4-Bromofluorobenzene	92.6		80.0-120		03/25/2017 12:45	WG964097

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	12300		200	200	03/25/2017 12:59	WG964097
Toluene	19600		200	200	03/25/2017 12:59	WG964097
Ethylbenzene	1330		200	200	03/25/2017 12:59	WG964097
Total Xylenes	7500		600	200	03/25/2017 12:59	WG964097
Methyl tert-butyl ether	654		200	200	03/25/2017 12:59	WG964097
Naphthalene	ND		1000	200	03/25/2017 12:59	WG964097
1,2-Dichloroethane	ND		200	200	03/25/2017 12:59	WG964097
(S) Toluene-d8	107		80.0-120		03/25/2017 12:59	WG964097
(S) Dibromofluoromethane	91.4		76.0-123		03/25/2017 12:59	WG964097
(S) 4-Bromofluorobenzene	95.9		80.0-120		03/25/2017 12:59	WG964097

Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	424		20.0	20	03/29/2017 06:58	WG964097
Toluene	ND		1.00	1	03/25/2017 13:12	WG964097
Ethylbenzene	2.62		1.00	1	03/25/2017 13:12	WG964097
Total Xylenes	342		60.0	20	03/29/2017 06:58	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 13:12	WG964097
Naphthalene	16.9		5.00	1	03/25/2017 13:12	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 13:12	WG964097
(S) Toluene-d8	103		80.0-120		03/29/2017 06:58	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 13:12	WG964097
(S) Dibromofluoromethane	81.4		76.0-123		03/25/2017 13:12	WG964097
(S) Dibromofluoromethane	106		76.0-123		03/29/2017 06:58	WG964097
(S) 4-Bromofluorobenzene	99.3		80.0-120		03/25/2017 13:12	WG964097
(S) 4-Bromofluorobenzene	106		80.0-120		03/29/2017 06:58	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	59.6		1.00	1	03/25/2017 13:26	WG964097
Toluene	ND		1.00	1	03/25/2017 13:26	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 13:26	WG964097
Total Xylenes	16.9		3.00	1	03/25/2017 13:26	WG964097
Methyl tert-butyl ether	1.24		1.00	1	03/25/2017 13:26	WG964097
Naphthalene	ND		5.00	1	03/25/2017 13:26	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 13:26	WG964097
(S) Toluene-d8	107		80.0-120		03/25/2017 13:26	WG964097
(S) Dibromofluoromethane	90.5		76.0-123		03/25/2017 13:26	WG964097
(S) 4-Bromofluorobenzene	92.8		80.0-120		03/25/2017 13:26	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc


7 GI

8 AI

9 Sc

MW-25B-032017

SAMPLE RESULTS - 15

ONE LAB. NATIONWIDE. 

Collected date/time: 03/20/17 15:35

L897220

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 13:39	WG964097
Toluene	ND		1.00	1	03/25/2017 13:39	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 13:39	WG964097
Total Xylenes	ND		3.00	1	03/25/2017 13:39	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 13:39	WG964097
Naphthalene	ND		5.00	1	03/25/2017 13:39	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 13:39	WG964097
(S) Toluene-d8	107		80.0-120		03/25/2017 13:39	WG964097
(S) Dibromofluoromethane	92.0		76.0-123		03/25/2017 13:39	WG964097
(S) 4-Bromofluorobenzene	94.4		80.0-120		03/25/2017 13:39	WG964097

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



Collected date/time: 03/20/17 15:45

L897220

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	604		20.0	20	03/25/2017 13:52	WG964097
Toluene	ND		20.0	20	03/25/2017 13:52	WG964097
Ethylbenzene	20.4		20.0	20	03/25/2017 13:52	WG964097
Total Xylenes	680		60.0	20	03/25/2017 13:52	WG964097
Methyl tert-butyl ether	ND		20.0	20	03/25/2017 13:52	WG964097
Naphthalene	ND		100	20	03/25/2017 13:52	WG964097
1,2-Dichloroethane	ND		20.0	20	03/25/2017 13:52	WG964097
(S) Toluene-d8	106		80.0-120		03/25/2017 13:52	WG964097
(S) Dibromofluoromethane	92.1		76.0-123		03/25/2017 13:52	WG964097
(S) 4-Bromofluorobenzene	96.1		80.0-120		03/25/2017 13:52	WG964097

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc

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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2017 07:21	WG964097
Toluene	ND		1.00	1	03/29/2017 07:21	WG964097
Ethylbenzene	ND		1.00	1	03/29/2017 07:21	WG964097
Total Xylenes	ND		3.00	1	03/29/2017 07:21	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/29/2017 07:21	WG964097
Naphthalene	ND		5.00	1	03/29/2017 07:21	WG964097
1,2-Dichloroethane	ND		1.00	1	03/29/2017 07:21	WG964097
(S) Toluene-d8	103		80.0-120		03/29/2017 07:21	WG964097
(S) Dibromofluoromethane	104		76.0-123		03/29/2017 07:21	WG964097
(S) 4-Bromofluorobenzene	104		80.0-120		03/29/2017 07:21	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2017 07:44	WG964097
Toluene	ND		1.00	1	03/29/2017 07:44	WG964097
Ethylbenzene	ND		1.00	1	03/29/2017 07:44	WG964097
Total Xylenes	ND		3.00	1	03/29/2017 07:44	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/29/2017 07:44	WG964097
Naphthalene	ND		5.00	1	03/29/2017 07:44	WG964097
1,2-Dichloroethane	ND		1.00	1	03/29/2017 07:44	WG964097
(S) Toluene-d8	102		80.0-120		03/29/2017 07:44	WG964097
(S) Dibromofluoromethane	104		75.0-123		03/29/2017 07:44	WG964097
(S) 4-Bromofluorobenzene	105		80.0-120		03/29/2017 07:44	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/29/2017 08:07	WG964097
Toluene	ND		1.00	1	03/29/2017 08:07	WG964097
Ethylbenzene	ND		1.00	1	03/29/2017 08:07	WG964097
Total Xylenes	ND		3.00	1	03/29/2017 08:07	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/29/2017 08:07	WG964097
Naphthalene	ND		5.00	1	03/29/2017 08:07	WG964097
1,2-Dichloroethane	ND		1.00	1	03/29/2017 08:07	WG964097
(S) Toluene-d8	101		80.0-120		03/29/2017 08:07	WG964097
(S) Dibromofluoromethane	105		76.0-123		03/29/2017 08:07	WG964097
(S) 4-Bromofluorobenzene	105		80.0-120		03/29/2017 08:07	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/25/2017 10:31	WG964097
Toluene	ND		1.00	1	03/25/2017 10:31	WG964097
Ethylbenzene	ND		1.00	1	03/25/2017 10:31	WG964097
Total Xylenes	ND		3.00	1	03/25/2017 10:31	WG964097
Methyl tert-butyl ether	ND		1.00	1	03/25/2017 10:31	WG964097
Naphthalene	ND		5.00	1	03/25/2017 10:31	WG964097
1,2-Dichloroethane	ND		1.00	1	03/25/2017 10:31	WG964097
(S) Toluene-d8	107		80.0-120		03/25/2017 10:31	WG964097
(S) Dibromofluoromethane	90.3		76.0-123		03/25/2017 10:31	WG964097
(S) 4-Bromofluorobenzene	95.7		80.0-120		03/25/2017 10:31	WG964097

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



Collected date/time: 03/20/17 16:30

L897220

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	801	J5	10.0	10	03/28/2017 00:44	WG964354
Toluene	113		10.0	10	03/28/2017 00:44	WG964354
Ethylbenzene	ND		10.0	10	03/28/2017 00:44	WG964354
Total Xylenes	305		30.0	10	03/28/2017 00:44	WG964354
Methyl tert-butyl ether	149		10.0	10	03/28/2017 00:44	WG964354
Naphthalene	ND		50.0	10	03/28/2017 00:44	WG964354
1,2-Dichloroethane	ND		10.0	10	03/28/2017 00:44	WG964354
(S) Toluene-d8	102		80.0-120		03/28/2017 00:44	WG964354
(S) Dibromofluoromethane	96.4		76.0-123		03/28/2017 00:44	WG964354
(S) 4-Bromofluorobenzene	114		80.0-120		03/28/2017 00:44	WG964354

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2017 00:57	WG964354
Toluene	ND		1.00	1	03/28/2017 00:57	WG964354
Ethylbenzene	ND		1.00	1	03/28/2017 00:57	WG964354
Total Xylenes	ND		3.00	1	03/28/2017 00:57	WG964354
Methyl tert-butyl ether	7.55		1.00	1	03/28/2017 00:57	WG964354
Naphthalene	ND		5.00	1	03/28/2017 00:57	WG964354
1,2-Dichloroethane	ND		1.00	1	03/28/2017 00:57	WG964354
(S) Toluene-d8	106		80.0-120		03/28/2017 00:57	WG964354
(S) Dibromofluoromethane	102		76.0-123		03/28/2017 00:57	WG964354
(S) 4-Bromofluorobenzene	106		80.0-120		03/28/2017 00:57	WG964354

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

WG964097

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

QUALITY CONTROL SUMMARY

L897220-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

ONE LAB. NATIONWIDE



Method Blank (MB)

(MB) R3206245-3 03/25/17 05:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	106			80.0-120
(S) Dibromofluoromethane	90.4			76.0-123
(S) 4-Bromofluorobenzene	93.1			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R3206245-1 03/25/17 04:32 • (LCSD) R3206245-2 03/25/17 04:45

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	25.7	27.0	103	108	70.0-130			4.84	20
1,2-Dichloroethane	25.0	27.3	27.6	109	110	70.0-130			1.01	20
Ethylbenzene	25.0	22.9	24.4	91.7	97.5	70.0-130			6.16	20
Methyl tert-butyl ether	25.0	26.3	27.2	105	109	70.0-130			3.17	20
Naphthalene	25.0	23.1	22.9	92.2	91.8	70.0-130			0.480	20
Toluene	25.0	25.0	26.1	100	105	70.0-130			4.22	20
Xylenes, Total	75.0	70.5	73.3	94.0	97.7	70.0-130			3.89	20
(S) Toluene-d8				104	103	80.0-120				
(S) Dibromofluoromethane				94.1	95.8	76.0-123				
(S) 4-Bromofluorobenzene				93.2	94.0	80.0-120				

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.1D.RA.ST

SDG:

L897220

DATE/TIME:

03/29/17 16:38

PAGE:

29 of 36

WG964354

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

QUALITY CONTROL SUMMARY

L897220-21,22

ONE LAB. NATIONWIDE.

Method Blank (MB)

(MB) R3206467-3 03/27/17 21:49

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	110			80.0-120
(S) Dibromofluoromethane	102			76.0-123
(S) 4-Bromofluorobenzene	107			80.0-120

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc

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

(LCS) R3206467-1 03/27/17 21:08 • (LCSD) R3206467-2 03/27/17 21:22

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	25.9	26.0	104	104	70.0-130			0.300	20
1,2-Dichloroethane	25.0	27.0	26.9	108	108	70.0-130			0.0900	20
Ethylbenzene	25.0	25.1	25.7	101	103	70.0-130			2.18	20
Methyl tert-butyl ether	25.0	21.9	26.4	87.5	105	70.0-130			18.6	20
Naphthalene	25.0	28.5	29.2	114	117	70.0-130			2.23	20
Toluene	25.0	24.4	24.0	97.7	96.1	70.0-130			1.61	20
Xylenes, Total	75.0	77.8	74.9	104	99.9	70.0-130			3.80	20
(S) Toluene-d8				104	102	80.0-120				
(S) Dibromofluoromethane				105	105	76.0-123				
(S) 4-Bromofluorobenzene				104	88.3	80.0-120				

- 7 GI
- 8 AI
- 9 Sc

L897220-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L897220-21 03/28/17 00:44 • (MS) R3206467-4 03/27/17 22:02 • (MSD) R3206467-5 03/27/17 22:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Benzene	25.0	801	1170	1050	146	101	10	54.3-133	J5		10.3	20
1,2-Dichloroethane	25.0	ND	271	237	108	94.7	10	60.0-126			13.5	20
Ethylbenzene	25.0	ND	271	283	108	113	10	61.4-133			4.26	20
Methyl tert-butyl ether	25.0	149	429	390	112	96.4	10	57.7-134			9.61	20
Naphthalene	25.0	ND	290	329	110	125	10	58.0-135			12.5	25.5
Toluene	25.0	113	379	362	107	99.8	10	61.4-130			4.56	20
Xylenes, Total	75.0	305	1150	1200	113	119	10	63.3-131			3.92	20

ACCOUNT:
CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:
684910.ID.RA.ST

SDG:
L897220

DATE/TIME:
03/29/17 16:38

PAGE:
30 of 36

WG964354

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

QUALITY CONTROL SUMMARY

L897220-21.22

ONE LAB. NATIONWIDE



L897220-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L897220-21 03/28/17 00:44 • (MS) R3206467-4 03/27/17 22:02 • (MSD) R3206467-5 03/27/17 22:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					104	101		80.0-120				
(S) Dibromofluoromethane					103	100		76.0-123				
(S) 4-Bromofluorobenzene					105	106		80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.1D.RA.ST

SDG:

L897220

DATE/TIME:

03/29/17 16:38

PAGE:

31 of 36



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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(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
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



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

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 ^{1*}	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-05-15-05		

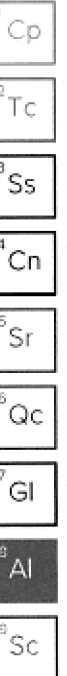
Third Party & Federal Accreditations

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**

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

Collected by (print):
S. McLann

Collected by (signature):
Justine McLann

Immediately Packed

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

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

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

P.O. #

Quote #

Site/Facility ID #: **Lewis Dr**
Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 3 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page **1** of **3**



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

L# **L897820**

L063

Accnum: **KINCH2MGA**

Template: **T121696**

Preglogin: **P593579**

TSR: **526 - Chris McCord**

PB: **3-17-17 gm**

Shipped Via: **FedEx Priority**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Chain of Custody
MW-178-032017	GRAB	GW		03/20/17	1245	3	HCl	
MW-29-032017		GW		03/20/17	1255	3		
MW-45B-032017		GW			1310	3		
MW-23-032017		GW			1330	3		
MW-23-032017-FB		GW			1335	3		
MW-23B-032017		GW			1345	3		
MW-26-032017		GW			1400	3		
MW-26B-032017		GW			1410	3		
MW-15B-032017		GW			1430	3		
MW-15-032017		GW			1445	3		

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

Remarks:


Samples returned via:
 UPS FedEx Courier


Tracking #

pH _____ Temp _____
Flow _____ Other _____

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

Relinquished by: (Signature) <i>Justine McLann</i>	Date: 3/17/17	Time: 1800	Received by: (Signature)	Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No HCl MeOH TBR	If preservation required by client: Date/Time
Relinquished by: (Signature) <i>Melissa Allen</i>	Date: 3/20/17	Time: 1800	Received by: (Signature)	Temp: 4.0° C Bottles Received: 7011 63	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>MJG</i>	Date: 3-21-17 Time: 800	Hold: Condition: NCF / OK

CH2M Hill- Kinder Morgan- Atlanta, GA 6600 Peachtree Dunwoody Road Report to: Bethany Garvey		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bgarvey@ch2m.com		Pres Chk: HCL		Analysis / Container / Preservative						Chain of Custody Page 2 of 3  ESC L-A-B S-C-I-E-N-C-E-S YOUR LAB OF CHOICE 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-762-5859 Fax: 615-758-5050									
Project Description: Lewis Drive Phone: 770-604-9182 Fax:		City/State Collected: BELTON, SC Client Project #: 684910.LD.RA.SA Lab Project #: KINCH2MGA-LEWIS		V8260BTEXMNSC 40miAmb-HCI V8260BTEXMNSC 40miAmb-HCI-BIK								L# L897220 Table # Accnum: KINCH2MGA Template: T121696 Prelogin: P593579 TSR: 526 - Chris McCord PB: 3-17-17 Shipped Via: FedEX Priority									
Collected by (print): J. McCall M. Warren Collected by (signature): Justin McLamm Immediately Packed on Ice: N Y X		Site/Facility ID #: LEWIS DR Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		P.D. # Quote # Date Results Needed								Remarks Sample # (lab only)									
Sample ID MW-39-032017 MW-40-032017 MW-41-032017 MW-42-032017 MW-258-032017 MW-25-032017 MW-35-032017 MW-128-032017 FB-01-032017		Comp/Grab GRAB 		Matrix * GW GW GW GW GW GW GW GW GW		Depth 		Date 03/20/17 		Time 1455 1505 1515 1525 1535 1545 1555 1605 1615		No. of Cntrs 3 3 3 3 3 3 3 3 3		X X X X X X X X X X X		X 		X 		11 12 13 14 15 16 17 18 14	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #		pH _____ Temp _____ Flow _____ Other _____						Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> COC Signed/Accurate: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Bottles arrive intact: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Correct bottles used: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Sufficient volume sent: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> If Applicable VOA Zero Headspace: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Preservation Correct/Checked: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>									
Relinquished by: (Signature) Justin McLamm Date: 3/20/17 Time: 1800		Received by: (Signature) _____ Trip Blank Received: <input checked="" type="checkbox"/> No <input type="checkbox"/> MeOH								Temp: 4.0 °C Bottles Received: 70 1 63		If preservation required by Login: Date/Time									
Relinquished by: (Signature) Madison Allen Date: 03/20/17 Time: 1800		Received by: (Signature) _____ Temp: _____ °C Bottles Received: _____								Date: _____ Time: 0900		Hold: _____ Condition: NCF / OK									
Relinquished by: (Signature) _____ Date: _____ Time: _____		Received by: (Signature) nmj/klb Date: 3-21-17 Time: 0900								Hold: _____		Condition: NCF / OK									

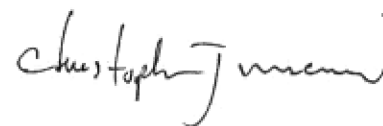
CH2M Hill- Kinder Morgan- Atlanta, GA 6600 Peachtree Dunwoody Road Report to: Bethany Garvey		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bgarvey@ch2m.com		Pres Chk: HCL		Analysis / Container / Preservative						Chain of Custody Page 3 of 3  YOUR LAB OF CHOICE 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859	
Project Description: Lewis Drive Phone: 770-604-9182 Fax:		City/State Collected: Belton, SC Client Project #: 0879121.D.RA.ST Site/Facility ID #: Lewis Dr		Lab Project #: KINCH2MGA-LEWIS P.O. #		Quote #		Date Results Needed		No. of Cntrs		L # LB17220 Table # Acctnum: KINCH2MGA Template: T121090 Prelogin: P593579 TSR: 526 - Chris McCord PB: 3-17-17 Shipped Via: FedEx Priority	
Collected by (print): Justin McLann Collected by (signature): Justin McLann Immediately Packed on Ice: N <input checked="" type="checkbox"/> Y		Rush? (Lab MUST Be Notified) Same Day <input type="checkbox"/> Next Day <input type="checkbox"/> Five Day <input checked="" type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/>		Date Results Needed		No. of Cntrs		No. of Cntrs		No. of Cntrs		No. of Cntrs	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis	Container	Preservative	Remarks	Sample # (lab only)		
TB-01-032017	GRAB	GW		03/20/17	1620	1	X	X			-20		
MW-34-052017		GW		03/20/17	1630	3	X				21		
MW-38-032017		GW		03/20/17	1640	3	X				22		
		GW				3	X				23		
		GW				3	X						
DUP		GW				3	X						
DUP		GW				3	X						
FIELD BLANK		GW				3	X						
TRIP BLANK		GW				1		X					
TRIP BLANK		GW				1		X					
Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - Waste Water DW - Drinking Water OT - Other		Remarks:		Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #		pH _____ Temp _____ Flow _____ Other _____		Sample Receipt Checklist: COC Seal Present/Intact: <input type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input type="checkbox"/> Y <input type="checkbox"/> N Bottles arrived intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			
Relinquished by: (Signature) Justin McLann Date: 3/20/17 Time: 1800		Received by: (Signature) _____ Date: _____ Time: _____		Trip Blank Received: <input checked="" type="checkbox"/> Yes / No <input type="checkbox"/> 02 / MeOH TBR		Temp: 13.0 °C Bottles Received: 5011 63		If preservation required by Login: Date/Time					
Relinquished by: (Signature) Justin McLann Date: 03/20/17 Time: 1800		Received by: (Signature) _____ Date: _____ Time: _____		Received for lab by: (Signature) Justin McLann Date: 3-21-17 Time: 9:00		Hold:		Condition: NCF / OK					

March 29, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L897486
Samples Received: 03/22/2017
Project Number: 684910.LD.RA.ST
Description: Lewis Drive
Site: LEWIS DRIVE
Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1	¹ Cp
² Tc: Table of Contents	2	
³ Ss: Sample Summary	3	² Tc
⁴ Cn: Case Narrative	4	
⁵ Sr: Sample Results	5	³ Ss
MW-21-032117 L897486-01	5	
FB-01-032117 L897486-02	6	⁴ Cn
TB-01-032117 L897486-03	7	⁵ Sr
⁶ Qc: Quality Control Summary	8	
Volatile Organic Compounds (GC/MS) by Method 8260B	8	⁶ Qc
⁷ Gl: Glossary of Terms	10	⁷ Gl
⁸ Al: Accreditations & Locations	11	
⁹ Sc: Chain of Custody	12	⁸ Al
		⁹ Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-21-032117 L897486-01 GW Collected by JM / MW Collected date/time 03/21/17 14:35 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964354	1	03/28/17 01:11	03/28/17 01:11	ACG

FB-01-032117 L897486-02 GW Collected by JM / MW Collected date/time 03/21/17 14:50 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964354	1	03/28/17 01:24	03/28/17 01:24	ACG

TB-01-032117 L897486-03 GW Collected by JM / MW Collected date/time 03/21/17 14:55 Received date/time 03/22/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG964354	1	03/27/17 22:42	03/27/17 22:42	ACG

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

CASE NARRATIVE



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

Chris McCord
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2017 01:11	WG964354
Toluene	ND		1.00	1	03/28/2017 01:11	WG964354
Ethylbenzene	ND		1.00	1	03/28/2017 01:11	WG964354
Total Xylenes	ND		3.00	1	03/28/2017 01:11	WG964354
Methyl tert-butyl ether	ND		1.00	1	03/28/2017 01:11	WG964354
Naphthalene	ND		5.00	1	03/28/2017 01:11	WG964354
1,2-Dichloroethane	ND		1.00	1	03/28/2017 01:11	WG964354
(S) Toluene-d8	104		80.0-120		03/28/2017 01:11	WG964354
(S) Dibromofluoromethane	97.1		76.0-123		03/28/2017 01:11	WG964354
(S) 4-Bromofluorobenzene	107		80.0-120		03/28/2017 01:11	WG964354

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	03/28/2017 01:24	WG964354
Toluene	ND		1.00	1	03/28/2017 01:24	WG964354
Ethylbenzene	ND		1.00	1	03/28/2017 01:24	WG964354
Total Xylenes	ND		3.00	1	03/28/2017 01:24	WG964354
Methyl tert-butyl ether	ND		1.00	1	03/28/2017 01:24	WG964354
Naphthalene	ND		5.00	1	03/28/2017 01:24	WG964354
1,2-Dichloroethane	ND		1.00	1	03/28/2017 01:24	WG964354
(S) Toluene-d8	107		80.0-120		03/28/2017 01:24	WG964354
(S) Dibromofluoromethane	90.6		76.0-123		03/28/2017 01:24	WG964354
(S) 4-Bromofluorobenzene	107		80.0-120		03/28/2017 01:24	WG964354

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

TB-01-032117

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.



Collected date/time: 03/21/17 14:55

L897486

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	03/27/2017 22:42	WG964354
Toluene	ND		1.00	1	03/27/2017 22:42	WG964354
Ethylbenzene	ND		1.00	1	03/27/2017 22:42	WG964354
Total Xylenes	ND		3.00	1	03/27/2017 22:42	WG964354
Methyl tert-butyl ether	ND		1.00	1	03/27/2017 22:42	WG964354
Naphthalene	ND		5.00	1	03/27/2017 22:42	WG964354
1,2-Dichloroethane	ND		1.00	1	03/27/2017 22:42	WG964354
(S) Toluene-d8	107		80.0-120		03/27/2017 22:42	WG964354
(S) Dibromofluoromethane	104		76.0-123		03/27/2017 22:42	WG964354
(S) 4-Bromofluorobenzene	107		80.0-120		03/27/2017 22:42	WG964354

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L897486

DATE/TIME:

03/29/17 16:36

PAGE:

7 of 12

WG964354

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

QUALITY CONTROL SUMMARY

L897486-01,02,03

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3206467-3 03/27/17 21:49

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	110			80.0-120
(S) Dibromofluoromethane	102			76.0-123
(S) 4-Bromofluorobenzene	107			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R3206467-1 03/27/17 21:08 • (LCSD) R3206467-2 03/27/17 21:22

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	25.9	26.0	104	104	70.0-130			0.300	20
1,2-Dichloroethane	25.0	27.0	26.9	108	108	70.0-130			0.0900	20
Ethylbenzene	25.0	25.1	25.7	101	103	70.0-130			2.18	20
Methyl tert-butyl ether	25.0	21.9	26.4	87.5	105	70.0-130			18.6	20
Naphthalene	25.0	28.5	29.2	114	117	70.0-130			2.23	20
Toluene	25.0	24.4	24.0	97.7	96.1	70.0-130			1.61	20
Xylenes, Total	75.0	77.8	74.9	104	99.9	70.0-130			3.80	20
(S) Toluene-d8				104	102	80.0-120				
(S) Dibromofluoromethane				105	105	76.0-123				
(S) 4-Bromofluorobenzene				104	88.3	80.0-120				

7 GI

8 AI

9 Sc

L897220-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L897220-21 03/28/17 00:44 • (MS) R3206467-4 03/27/17 22:02 • (MSD) R3206467-5 03/27/17 22:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Benzene	25.0	801	1170	1050	146	101	10	54.3-133	J5		10.3	20
1,2-Dichloroethane	25.0	ND	271	237	108	94.7	10	60.0-126			13.5	20
Ethylbenzene	25.0	ND	271	283	108	113	10	61.4-133			4.26	20
Methyl tert-butyl ether	25.0	149	429	390	112	96.4	10	57.7-134			9.61	20
Naphthalene	25.0	ND	290	329	110	125	10	58.0-135			12.5	25.5
Toluene	25.0	113	379	362	107	99.8	10	61.4-130			4.56	20
Xylenes, Total	75.0	305	1150	1200	113	119	10	63.3-131			3.92	20

ACCOUNT:
CH2M Hill-Kinder Morgan-Atlanta, GA

PROJECT:
684910.LD.RA.ST

SDG:
L897486

DATE/TIME:
03/29/17 16:36

PAGE:
8 of 12

WG964354

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

QUALITY CONTROL SUMMARY

L897486-01,02,03

ONE LAB. NATIONWIDE.



L897220-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L897220-21 03/28/17 00:44 • (MS) R3206467-4 03/27/17 22:02 • (MSD) R3206467-5 03/27/17 22:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					104	101		80.0-120				
(S) Dibromofluoromethane					103	100		76.0-123				
(S) 4-Bromofluorobenzene					105	106		80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

684910.LD.RA.ST

SDG:

L897486

DATE/TIME:

03/29/17 16:36

PAGE:

9 of 12



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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(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

J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
----	--

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



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

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ³	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 ¹⁴ 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.**



¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

April 13, 2017

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L899822
Samples Received: 04/01/2017
Project Number:
Description: Lewis Drive Site

Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

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

TABLE OF CONTENTS



¹ Cp: Cover Page	1
² Tc: Table of Contents	2
³ Ss: Sample Summary	3
⁴ Cn: Case Narrative	7
⁵ Sr: Sample Results	8
MW-17B-033117 L899822-01	8
MW-17B-033117FD L899822-02	9
MW-23-033117 L899822-03	10
MW-23B-033117 L899822-04	11
MW-26-033117 L899822-05	12
MW-26B-033117 L899822-06	13
MW-29-033117 L899822-07	14
MW-45B-033117 L899822-08	15
MW-15B-033117 L899822-09	16
MW-15-033117 L899822-10	17
MW-34-033117 L899822-11	18
MW- 39-033117 L899822-12	19
MW- 40-033117 L899822-13	20
MW-35 -033117 L899822-14	21
MW-25 -033117 L899822-15	22
MW- 25-033117FD L899822-16	23
MW-25B -033117 L899822-17	24
MW-42 -033117 L899822-18	25
MW- 41-033117 L899822-19	26
MW- 12B-033117 L899822-20	27
MW-38 -033117 L899822-21	28
MW-02B -033117 L899822-22	29
MW- 21-033117 L899822-23	30
FB-01-033117 L899822-24	31
TB-01 -033117 L899822-26	32
⁶ Qc: Quality Control Summary	33
Volatile Organic Compounds (GC/MS) by Method 8260B	33
⁷ Gl: Glossary of Terms	35
⁸ Al: Accreditations & Locations	36
⁹ Sc: Chain of Custody	37

Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

MW-17B-033117 L899822-01 GW Collected by JM / MW Collected date/time 03/31/17 08:00 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	100	04/10/17 10:27	04/10/17 10:27	JAH

MW-17B-033117FD L899822-02 GW Collected by JM / MW Collected date/time 03/31/17 08:05 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	100	04/10/17 10:40	04/10/17 10:40	JAH

MW-23-033117 L899822-03 GW Collected by JM / MW Collected date/time 03/31/17 08:20 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 10:53	04/10/17 10:53	JAH

MW-23B-033117 L899822-04 GW Collected by JM / MW Collected date/time 03/31/17 08:30 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 08:31	04/10/17 08:31	JAH

MW-26-033117 L899822-05 GW Collected by JM / MW Collected date/time 03/31/17 08:45 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 08:44	04/10/17 08:44	JAH

MW-26B-033117 L899822-06 GW Collected by JM / MW Collected date/time 03/31/17 08:55 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 08:57	04/10/17 08:57	JAH

MW-29-033117 L899822-07 GW Collected by JM / MW Collected date/time 03/31/17 09:05 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:10	04/10/17 09:10	JAH

MW-45B-033117 L899822-08 GW Collected by JM / MW Collected date/time 03/31/17 09:30 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:22	04/10/17 09:22	JAH

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

SAMPLE SUMMARY

ONE LAB. NATIONWIDE



MW-15B-033117 L899822-09 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 10:10	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	50	04/10/17 11:05	04/10/17 11:05	JAH
MW-15-033117 L899822-10 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 10:25	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	20	04/10/17 11:18	04/10/17 11:18	JAH
MW-34-033117 L899822-11 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 10:45	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 11:31	04/10/17 11:31	JAH
MW- 39-033117 L899822-12 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 10:55	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	50	04/10/17 11:44	04/10/17 11:44	JAH
MW- 40-033117 L899822-13 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 11:00	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	100	04/10/17 11:57	04/10/17 11:57	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	500	04/10/17 16:02	04/10/17 16:02	JAH
MW-35 -033117 L899822-14 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 11:20	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:35	04/10/17 09:35	JAH
MW-25 -033117 L899822-15 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 11:30	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 12:10	04/10/17 12:10	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 15:36	04/10/17 15:36	JAH
MW- 25-033117FD L899822-16 GW					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW			Collected date/time 03/31/17 11:35	Received date/time 04/01/17 08:45	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 12:23	04/10/17 12:23	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 15:49	04/10/17 15:49	JAH

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



MW-25B -033117 L899822-17 GW Collected by JM / MW Collected date/time 03/31/17 11:45 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:48	04/10/17 09:48	JAH

1
Cp

2
Tc

3
Ss

MW-42 -033117 L899822-18 GW Collected by JM / MW Collected date/time 03/31/17 11:55 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 10:01	04/10/17 10:01	JAH

4
Cn

5
Sr

MW- 41-033117 L899822-19 GW Collected by JM / MW Collected date/time 03/31/17 12:00 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	5	04/10/17 12:36	04/10/17 12:36	JAH

6
Qc

7
Gl

MW- 12B-033117 L899822-20 GW Collected by JM / MW Collected date/time 03/31/17 12:10 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 10:14	04/10/17 10:14	JAH

8
Al

9
Sc

MW-38 -033117 L899822-21 GW Collected by JM / MW Collected date/time 03/31/17 13:40 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 16:28	04/10/17 16:28	JHH

MW-02B -033117 L899822-22 GW Collected by JM / MW Collected date/time 03/31/17 14:35 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 16:40	04/10/17 16:40	JHH

MW- 21-033117 L899822-23 GW Collected by JM / MW Collected date/time 03/31/17 15:20 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 16:53	04/10/17 16:53	JHH

FB-01-033117 L899822-24 GW Collected by JM / MW Collected date/time 03/31/17 16:40 Received date/time 04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 17:06	04/10/17 17:06	JHH

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



TB-01 -033117 L899822-26 GW

Collected by
JM / MW

Collected date/time
03/31/17 15:20

Received date/time
04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 14:28	04/10/17 14:28	JAH

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



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

Chris McCord
Technical Service Representative

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	9190		100	100	04/10/2017 10:27	WG968202
Toluene	17500		100	100	04/10/2017 10:27	WG968202
Ethylbenzene	900		100	100	04/10/2017 10:27	WG968202
Total Xylenes	5910		300	100	04/10/2017 10:27	WG968202
Methyl tert-butyl ether	1200		100	100	04/10/2017 10:27	WG968202
Naphthalene	ND		500	100	04/10/2017 10:27	WG968202
1,2-Dichloroethane	ND		100	100	04/10/2017 10:27	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 10:27	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 10:27	WG968202
(S) 4-Bromofluorobenzene	97.5		80.0-120		04/10/2017 10:27	WG968202

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



Collected date/time: 03/31/17 08:05

L899822

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch	
Benzene	9190		100	100	04/10/2017 10:40	WG968202	1 Cp
Toluene	18200		100	100	04/10/2017 10:40	WG968202	2 Tc
Ethylbenzene	956		100	100	04/10/2017 10:40	WG968202	3 Ss
Total Xylenes	6330		300	100	04/10/2017 10:40	WG968202	4 Cn
Methyl tert-butyl ether	1210		100	100	04/10/2017 10:40	WG968202	5 Sr
Naphthalene	ND		500	100	04/10/2017 10:40	WG968202	6 Qc
1,2-Dichloroethane	ND		100	100	04/10/2017 10:40	WG968202	7 GI
(S) Toluene-d8	103		80.0-120		04/10/2017 10:40	WG968202	8 AI
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 10:40	WG968202	9 Sc
(S) 4-Bromofluorobenzene	99.0		80.0-120		04/10/2017 10:40	WG968202	



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	685		10.0	10	04/10/2017 10:53	WG968202
Toluene	16.5		10.0	10	04/10/2017 10:53	WG968202
Ethylbenzene	ND		10.0	10	04/10/2017 10:53	WG968202
Total Xylenes	624		30.0	10	04/10/2017 10:53	WG968202
Methyl tert-butyl ether	130		10.0	10	04/10/2017 10:53	WG968202
Naphthalene	ND		50.0	10	04/10/2017 10:53	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 10:53	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 10:53	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 10:53	WG968202
(S) 4-Bromofluorobenzene	97.1		80.0-120		04/10/2017 10:53	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 08:31	WG968202
Toluene	2.41		1.00	1	04/10/2017 08:31	WG968202
Ethylbenzene	1.24		1.00	1	04/10/2017 08:31	WG968202
Total Xylenes	8.86		3.00	1	04/10/2017 08:31	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 08:31	WG968202
Naphthalene	ND		5.00	1	04/10/2017 08:31	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 08:31	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 08:31	WG968202
(S) Dibromofluoromethane	101		76.0-123		04/10/2017 08:31	WG968202
(S) 4-Bromofluorobenzene	104		80.0-120		04/10/2017 08:31	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 08:44	WG968202
Toluene	ND		1.00	1	04/10/2017 08:44	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 08:44	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 08:44	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 08:44	WG968202
Naphthalene	ND		5.00	1	04/10/2017 08:44	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 08:44	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 08:44	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 08:44	WG968202
(S) 4-Bromofluorobenzene	99.2		80.0-120		04/10/2017 08:44	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



Collected date/time: 03/31/17 08:55

L899822

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 08:57	WG968202
Toluene	ND		1.00	1	04/10/2017 08:57	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 08:57	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 08:57	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 08:57	WG968202
Naphthalene	ND		5.00	1	04/10/2017 08:57	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 08:57	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 08:57	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 08:57	WG968202
(S) 4-Bromofluorobenzene	97.2		80.0-120		04/10/2017 08:57	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-29-033117

SAMPLE RESULTS - 07

ONE LAB. NATIONWIDE.



Collected date/time: 03/31/17 09:05

L899822

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:10	WG968202
Toluene	ND		1.00	1	04/10/2017 09:10	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:10	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:10	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:10	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:10	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:10	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 09:10	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 09:10	WG968202
(S) 4-Bromofluorobenzene	98.2		80.0-120		04/10/2017 09:10	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

CH2M Hill- Kinder Morgan- Atlanta, GA

PROJECT:

SDG:

L899822

DATE/TIME:

04/13/17 08:00

PAGE:

14 of 39



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:22	WG968202
Toluene	ND		1.00	1	04/10/2017 09:22	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:22	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:22	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:22	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:22	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:22	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 09:22	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 09:22	WG968202
(S) 4-Bromofluorobenzene	99.1		80.0-120		04/10/2017 09:22	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	1630		50.0	50	04/10/2017 11:05	WG968202
Toluene	3240		50.0	50	04/10/2017 11:05	WG968202
Ethylbenzene	205		50.0	50	04/10/2017 11:05	WG968202
Total Xylenes	1180		150	50	04/10/2017 11:05	WG968202
Methyl tert-butyl ether	115		50.0	50	04/10/2017 11:05	WG968202
Naphthalene	ND		250	50	04/10/2017 11:05	WG968202
1,2-Dichloroethane	ND		50.0	50	04/10/2017 11:05	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 11:05	WG968202
(S) Dibromofluoromethane	103		75.0-123		04/10/2017 11:05	WG968202
(S) 4-Bromofluorobenzene	96.7		80.0-120		04/10/2017 11:05	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	2850		20.0	20	04/10/2017 11:18	WG968202
Toluene	444		20.0	20	04/10/2017 11:18	WG968202
Ethylbenzene	65.4		20.0	20	04/10/2017 11:18	WG968202
Total Xylenes	1860		60.0	20	04/10/2017 11:18	WG968202
Methyl tert-butyl ether	221		20.0	20	04/10/2017 11:18	WG968202
Naphthalene	ND		100	20	04/10/2017 11:18	WG968202
1,2-Dichloroethane	ND		20.0	20	04/10/2017 11:18	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 11:18	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 11:18	WG968202
(S) 4-Bromofluorobenzene	98.0		80.0-120		04/10/2017 11:18	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	728		10.0	10	04/10/2017 11:31	WG968202
Toluene	81.4		10.0	10	04/10/2017 11:31	WG968202
Ethylbenzene	ND		10.0	10	04/10/2017 11:31	WG968202
Total Xylenes	224		30.0	10	04/10/2017 11:31	WG968202
Methyl tert-butyl ether	152		10.0	10	04/10/2017 11:31	WG968202
Naphthalene	ND		50.0	10	04/10/2017 11:31	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 11:31	WG968202
(S) Toluene-d8	104		80.0-120		04/10/2017 11:31	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 11:31	WG968202
(S) 4-Bromofluorobenzene	98.8		80.0-120		04/10/2017 11:31	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	7540		50.0	50	04/10/2017 11:44	WG968202
Toluene	3140		50.0	50	04/10/2017 11:44	WG968202
Ethylbenzene	899		50.0	50	04/10/2017 11:44	WG968202
Total Xylenes	4400		150	50	04/10/2017 11:44	WG968202
Methyl tert-butyl ether	272		50.0	50	04/10/2017 11:44	WG968202
Naphthalene	ND		250	50	04/10/2017 11:44	WG968202
1,2-Dichloroethane	ND		50.0	50	04/10/2017 11:44	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 11:44	WG968202
(S) Dibromofluoromethane	102		76.0-123		04/10/2017 11:44	WG968202
(S) 4-Bromofluorobenzene	96.9		80.0-120		04/10/2017 11:44	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	13300		100	100	04/10/2017 11:57	WG968202
Toluene	19500		500	500	04/10/2017 16:02	WG968202
Ethylbenzene	1500		100	100	04/10/2017 11:57	WG968202
Total Xylenes	8070		300	100	04/10/2017 11:57	WG968202
Methyl tert-butyl ether	727		100	100	04/10/2017 11:57	WG968202
Naphthalene	ND		500	100	04/10/2017 11:57	WG968202
1,2-Dichloroethane	ND		100	100	04/10/2017 11:57	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 11:57	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 16:02	WG968202
(S) Dibromofluoromethane	102		76.0-123		04/10/2017 11:57	WG968202
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 16:02	WG968202
(S) 4-Bromofluorobenzene	97.3		80.0-120		04/10/2017 16:02	WG968202
(S) 4-Bromofluorobenzene	97.9		80.0-120		04/10/2017 11:57	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l			
Benzene	ND		1.00	1	04/10/2017 09:35	WG968202
Toluene	ND		1.00	1	04/10/2017 09:35	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:35	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:35	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:35	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:35	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:35	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 09:35	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 09:35	WG968202
(S) 4-Bromofluorobenzene	99.6		80.0-120		04/10/2017 09:35	WG968202

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	673		10.0	10	04/10/2017 12:10	WG968202
Toluene	12.0		10.0	10	04/10/2017 15:36	WG968202
Ethylbenzene	30.1		10.0	10	04/10/2017 12:10	WG968202
Total Xylenes	736		30.0	10	04/10/2017 12:10	WG968202
Methyl tert-butyl ether	ND		10.0	10	04/10/2017 12:10	WG968202
Naphthalene	ND		50.0	10	04/10/2017 12:10	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 12:10	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 15:36	WG968202
(S) Toluene-d8	104		80.0-120		04/10/2017 12:10	WG968202
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 12:10	WG968202
(S) Dibromofluoromethane	106		76.0-123		04/10/2017 15:36	WG968202
(S) 4-Bromofluorobenzene	98.8		80.0-120		04/10/2017 15:36	WG968202
(S) 4-Bromofluorobenzene	99.3		80.0-120		04/10/2017 12:10	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	790		10.0	10	04/10/2017 12:23	WG968202
Toluene	12.5		10.0	10	04/10/2017 15:49	WG968202
Ethylbenzene	35.4		10.0	10	04/10/2017 12:23	WG968202
Total Xylenes	861		30.0	10	04/10/2017 12:23	WG968202
Methyl tert-butyl ether	ND		10.0	10	04/10/2017 12:23	WG968202
Naphthalene	ND		50.0	10	04/10/2017 12:23	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 12:23	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 15:49	WG968202
(S) Toluene-d8	104		80.0-120		04/10/2017 12:23	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 15:49	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 12:23	WG968202
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/10/2017 12:23	WG968202
(S) 4-Bromofluorobenzene	98.4		80.0-120		04/10/2017 15:49	WG968202

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



Collected date/time: 03/31/17 11:45

L899822

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:48	WG968202
Toluene	ND		1.00	1	04/10/2017 09:48	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:48	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:48	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:48	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:48	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:48	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 09:48	WG968202
(S) Dibromofluoromethane	106		76.0-123		04/10/2017 09:48	WG968202
(S) 4-Bromofluorobenzene	95.4		80.0-120		04/10/2017 09:48	WG968202

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	135		1.00	1	04/10/2017 10:01	WG968202
Toluene	ND		1.00	1	04/10/2017 10:01	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 10:01	WG968202
Total Xylenes	73.8		3.00	1	04/10/2017 10:01	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 10:01	WG968202
Naphthalene	5.19		5.00	1	04/10/2017 10:01	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 10:01	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 10:01	WG968202
(S) Dibromofluoromethane	102		76.0-123		04/10/2017 10:01	WG968202
(S) 4-Bromofluorobenzene	99.5		80.0-120		04/10/2017 10:01	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	449		5.00	5	04/10/2017 12:36	WG968202
Toluene	ND		5.00	5	04/10/2017 12:36	WG968202
Ethylbenzene	ND		5.00	5	04/10/2017 12:36	WG968202
Total Xylenes	343		15.0	5	04/10/2017 12:36	WG968202
Methyl tert-butyl ether	ND		5.00	5	04/10/2017 12:36	WG968202
Naphthalene	ND		25.0	5	04/10/2017 12:36	WG968202
1,2-Dichloroethane	ND		5.00	5	04/10/2017 12:36	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 12:36	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 12:36	WG968202
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/10/2017 12:36	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 10:14	WG968202
Toluene	ND		1.00	1	04/10/2017 10:14	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 10:14	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 10:14	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 10:14	WG968202
Naphthalene	ND		5.00	1	04/10/2017 10:14	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 10:14	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 10:14	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 10:14	WG968202
(S) 4-Bromofluorobenzene	98.7		80.0-120		04/10/2017 10:14	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 16:28	WG968894
Toluene	ND		1.00	1	04/10/2017 16:28	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 16:28	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 16:28	WG968894
Methyl tert-butyl ether	10.2		1.00	1	04/10/2017 16:28	WG968894
Naphthalene	ND		5.00	1	04/10/2017 16:28	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 16:28	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 16:28	WG968894
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 16:28	WG968894
(S) 4-Bromofluorobenzene	98.2		80.0-120		04/10/2017 16:28	WG968894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 16:40	WG968894
Toluene	ND		1.00	1	04/10/2017 16:40	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 16:40	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 16:40	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 16:40	WG968894
Naphthalene	ND		5.00	1	04/10/2017 16:40	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 16:40	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 16:40	WG968894
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 16:40	WG968894
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/10/2017 16:40	WG968894

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 16:53	WG968894
Toluene	ND		1.00	1	04/10/2017 16:53	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 16:53	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 16:53	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 16:53	WG968894
Naphthalene	ND		5.00	1	04/10/2017 16:53	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 16:53	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 16:53	WG968894
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 16:53	WG968894
(S) 4-Bromofluorobenzene	96.6		80.0-120		04/10/2017 16:53	WG968894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc



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

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 17:06	WG968894
Toluene	ND		1.00	1	04/10/2017 17:06	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 17:06	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 17:06	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 17:06	WG968894
Naphthalene	ND		5.00	1	04/10/2017 17:06	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 17:06	WG968894
(S) Toluene-d8	104		80.0-120		04/10/2017 17:06	WG968894
(S) Dibromofluoromethane	105		75.0-123		04/10/2017 17:06	WG968894
(S) 4-Bromofluorobenzene	99.2		80.0-120		04/10/2017 17:06	WG968894

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



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 14:28	WG968894
Toluene	ND		1.00	1	04/10/2017 14:28	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 14:28	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 14:28	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 14:28	WG968894
Naphthalene	ND		5.00	1	04/10/2017 14:28	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 14:28	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 14:28	WG968894
(S) Dibromofluoromethane	106		76.0-123		04/10/2017 14:28	WG968894
(S) 4-Bromofluorobenzene	99.6		80.0-120		04/10/2017 14:28	WG968894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

WG968202

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

QUALITY CONTROL SUMMARY

L899822-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

ONE LAB. NATIONWIDE

Method Blank (MB)

(MB) R3209641-3 04/10/17 05:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	102			80.0-120
(S) Dibromofluoromethane	103			76.0-123
(S) 4-Bromofluorobenzene	98.4			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R3209641-1 04/10/17 05:12 • (LCSD) R3209641-2 04/10/17 05:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	24.0	25.1	95.9	100	70.0-130			4.44	20
1,2-Dichloroethane	25.0	27.0	27.4	108	110	70.0-130			1.66	20
Ethylbenzene	25.0	22.3	23.9	89.3	95.6	70.0-130			6.90	20
Methyl tert-butyl ether	25.0	28.7	28.4	115	114	70.0-130			1.01	20
Naphthalene	25.0	23.0	22.5	92.0	90.1	70.0-130			2.17	20
Toluene	25.0	23.1	23.9	92.3	95.6	70.0-130			3.49	20
Xylenes, Total	75.0	67.3	70.7	89.7	94.3	70.0-130			4.93	20
(S) Toluene-d8				102	101	80.0-120				
(S) Dibromofluoromethane				104	104	76.0-123				
(S) 4-Bromofluorobenzene				95.2	97.3	80.0-120				

7 Gl

8 Al

9 Sc

WG968894

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

QUALITY CONTROL SUMMARY

L899822-21,22,23,24,26

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3209642-3 04/10/17 14:15

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	102			80.0-120
(S) Dibromofluoromethane	103			76.0-123
(S) 4-Bromofluorobenzene	97.9			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

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

(LCS) R3209642-1 04/10/17 13:36 • (LCSD) R3209642-2 04/10/17 13:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	25.0	24.6	23.8	98.2	95.1	70.0-130			3.19	20
1,2-Dichloroethane	25.0	27.9	27.0	112	108	70.0-130			3.42	20
Ethylbenzene	25.0	22.2	21.7	89.0	86.9	70.0-130			2.30	20
Methyl tert-butyl ether	25.0	29.9	27.9	120	112	70.0-130			7.05	20
Naphthalene	25.0	22.0	21.4	87.9	85.6	70.0-130			2.58	20
Toluene	25.0	23.3	22.4	93.4	89.8	70.0-130			3.91	20
Xylenes, Total	75.0	66.7	64.8	88.9	86.4	70.0-130			2.89	20
(S) Toluene-d8				102	101	80.0-120				
(S) Dibromofluoromethane				105	104	76.0-123				
(S) 4-Bromofluorobenzene				95.8	93.4	80.0-120				

7 GI

8 AI

9 Sc

Abbreviations and Definitions

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

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

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

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



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

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1,4}	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		

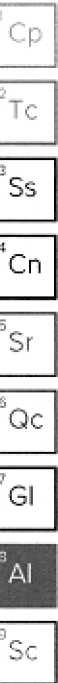
Third Party & Federal Accreditations


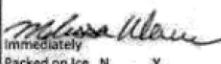
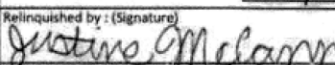
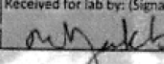
A2LA - ISO 17025	1461.01	AIHA-LAP, LLC	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		


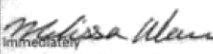
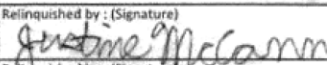
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

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- Atlanta, GA 6600 Peachtree Dunwoody Road 400 Embassy Row - Suite 600 Atlanta, GA 30328 Report to: Bethany Garvey		Billing information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bethany.garvey@ch2m.com		Pres Chk		Analysis / Container / Preservative		Chain of Custody Page 1 of 3  YOUR LAB OF CHOICE 12065 Lebanon Rd. Mount Juliet, TN 37122 Phone: 615-758-8858 Phone: 800-767-9858 Fax: 615-758-9858 QR Code	
Project Description: Lewis Drive Site Surface water event		City/State Collected: BELTON, SC		V82608TEXMNSC 40miAmb-HCI V82608TEXMNSC. TB 40miAmb-HCI-Bik					
Phone: 770-604-9182 Fax:		Client Project #							
Collected by (print): J. McLean M. Warren		Site/Facility ID #		P.O. #		No. of Cntrs		I# 899822 J126 Accnum: KINCH2MGA Template: T121291 Prelogin: P592333 TSR: 526 - Chris McCord PB: 3-7-176 Shipped Via: FedEX Ground	
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Quote #					
Packed on Ice N ___ Y ___									
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time				
MW-11B-033117	GRAB	GW		3/31/17	0800	5	X		
MW-17B-033117		GW			0805	3	X		01
MW-23-033117		GW			0820	3	X		02
MW-23B-033117		GW			0830	3	X		03
MW-26-033117		GW			0845	3	X		04
MW-26B-033117		GW			0855	3	X		05
MW-29-033117		GW			0905	3	X		06
MW-45B-033117		GW			0930	3	X		07
MW-15B-033117		GW			1010	3	X		08
MW-15-033117		GW			1025	3	X		09
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other									
Remarks: V82608TEXMNSC includes 1,2-DCA									
Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier						Tracking #		pH _____ Temp _____ Flow _____ Other _____	
Relinquished by: (Signature) 		Date: 3/31/17		Time: 1800		Received by: (Signature)		Trip Blank Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No TBA/MeOH	
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: 3w °C Bottles Received: 72	
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature) 		Date: 4-1-17 Time: 845	
								Hold:	
								Condition: NCF A04	

CH2M Hill- Atlanta, GA 6600 Peachtree Dunwoody Road 400 Embassy Row - Suite 600 Atlanta, GA 30328 Report to: Bothany Garvey		Billing Information: Accounts Payable 1000 Windward Concourse Ste 450 Alpharetta, GA 30005 Email To: bethany.garvey@ch2m.com		Analysis / Container / Preservative V8260BTEXMNSC 40miAmb-HCl V8260BTEXMNSC-TB 40miAmb-HCl-Bik		Chain of Custody Page 2 of 3  L.A.B S.C.I.E.N.C.E.S YOUR LAB OF CHOICE 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859 QR Code L# 899822 Table # Accnum: KINCH2MGA Template: T121291 Prelogin: P592333 TSR: 526 - Chris McCord PB: 3-7-17 Shipped Via: FedEX Ground											
Project Description: Lewis Drive Site Surface water event Phone: 770-604-9182 Fax: Collected by (print): J. MCCANN M. WARREN Collected by (signature):  Immediately Packed on Ice N <input type="checkbox"/> Y <input type="checkbox"/>		City/State Collected: BELTON, SC Lab Project # KINCH2MGA-LEWIS12 P.O. # Quote # Date Results Needed Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input checked="" type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		Client Project # Site/Facility ID # No. of Cntrs		Remarks: V8260BTEXMNSC includes 1,2-DCA pH _____ Temp _____ Flow _____ Other _____											
Sample ID MW-34-033117 MW-39-033117 MW-40-033117 MW-35-033117 MW-25-033117 MW-25B-033117 MW-42-033117 MW-41-033117 MW-128-033117		Comp/Grab GRAB 		Matrix * GW GW GW GW GW GW GW GW GW		Depth 		Date 03/31/17 		Time 1045 1055 1100 1120 1130 1135 1145 1155 1200 1210		No. of Cntrs 3 3 3 3 3 3 3 3 3		X X X X X X X X X		11 12 13 14 15 16 17 18 19 20	
Relinquished by: (Signature) 		Date: 3/31/17		Time: 1800		Received by: (Signature) 		Trip Blank Received: Yes/No <input checked="" type="checkbox"/> HCL/MeOH <input type="checkbox"/> TBH		Temp: 5.4 °C Bottles Received: 72		If preservation required by Login: Date/Time					
Relinquished by: (Signature) 		Date: 		Time: 		Received by: (Signature) 		Date: 4-1-17		Time: 845		Hold: 		Condition: NCF / <input checked="" type="checkbox"/> OK			

CH2M Hill- Atlanta, GA
 6600 Peachtree Dunwoody Road
 400 Embassy Row - Suite 600
 Atlanta, GA 30328

Billing Information:
 Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005
 Email To: bethany.garvey@ch2m.com

Report to:
 Bethany Garvey

Project:
 Description: Lewis Drive Site Surface water event
 City/State Collected: BELTON, SC

Phone: 770-604-9182
 Client Project #
 Lab Project # KINCH2MGA-LEWIS12

Collected by (print): J. McCann
Collected by (signature): [Signature]
 Site/Facility ID #
 P.O. #
 Quote #
 Date Results Needed

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

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

Remarks: V8260BTEXMNSC includes 1,2-OCA

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
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N

Relinquished by: (Signature) [Signature] **Date:** 3/31/17 **Time:** 1800
Received by: (Signature) [Signature] **Date:** 4-1-17 **Time:** 845

Temp: 5.4°C **Bottles Received:** 72
Flow: ___ **Other:** ___

Sample ID **Comp/Grab** **Matrix *** **Depth** **Date** **Time** **Contrs** **Pres** **Chk**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Contrs	Pres	Chk
MW-38-033117	GRAB	GW		03/31/17	1340	3	X	
MW-028-033117		GW			1435	3	X	
MW-21-033117		GW			1520	3	X	
FB-01-033117		GW			1640	3	X	
TB-01-033117		GW		3/31/17	1520	3	X	X
		GW				3	X	
		GW				3	X	
		GW				3	X	
		GW				3	X	
		GW				3	X	

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

ESC
 L.A.B S.C.I.E.N.C.E.S
 YOUR LAB OF CHOICE
 12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859

L # 899822
Table #
Acctnum: KINCH2MGA
Template: T121291
Prelogin: P592333
TSR: 526 - Chris McCord
PB: 3-7-17
Shipped Via: FedEX Ground

Remarks **Sample # (lab only)**

21
22
23
24
25 + 27
28