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November 29, 2016

Delivered via FedEx

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 – 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 is submitting the attached Monthly Status Update covering activities conducted in October 2016 at the Lewis Drive site. If you have any questions or concerns, please call me at 919-760-1777, Mr. Scott Powell/CH2M at 678-530-4457, or Mr. Jerry Aycock/Plantation at 770-751-4165.

Regards,
CH2M HILL Engineers, Inc.

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

Enclosures

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

Cc (via e-mail):

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





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Monthly Status Update
Plantation Pipe Line Company
Lewis Drive Release
Site ID #18693 “Kinder Morgan Belton Pipeline Release”
October 2016

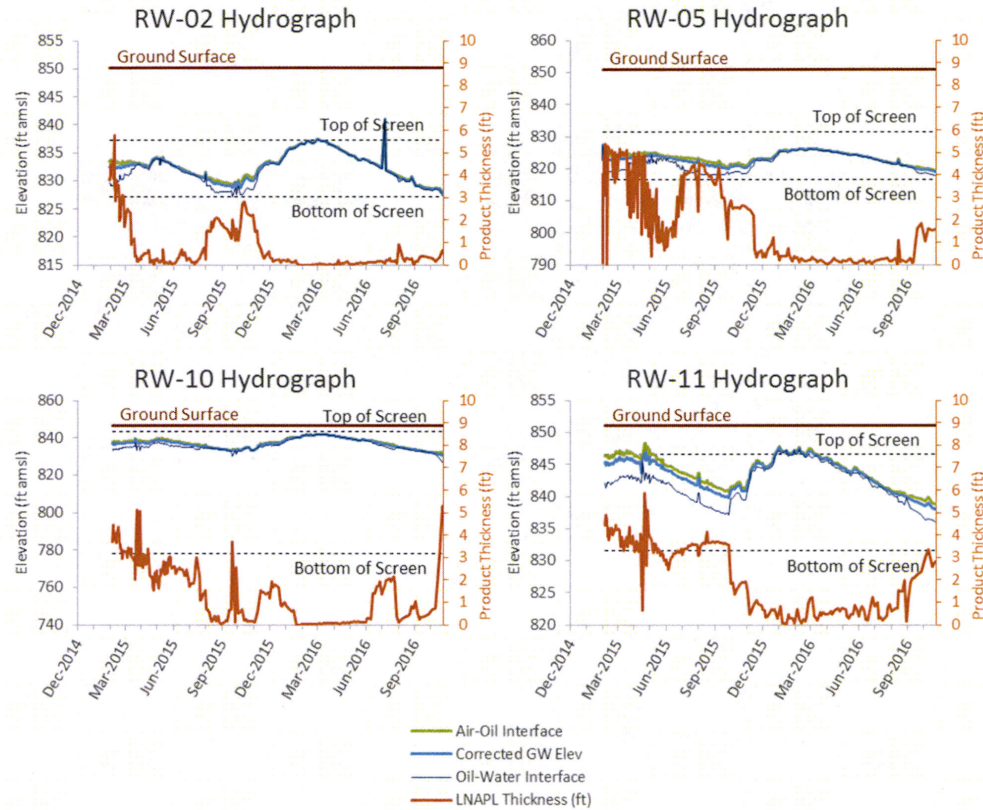
Surface Water

- Routinely inspected Brown’s Creek and Wetland #1 (Cupboard Creek) south of West Calhoun Road for sheen, odor, or distressed vegetation. Vegetation along the bank at two seeps where groundwater impacts Brown’s Creek (in the vicinity of Recovery Trench 2) show signs of distress near the seep; none are noted anywhere else. The locations of the seeps are presented on Figures 1 and 2. The route of inspection is indicated on Figure 1.
- No other biota or surface water abnormalities were observed.
- Surface water protection booms were inspected on a biweekly basis and were replaced as needed.
- To date, 27 rounds of surface water samples have been analyzed for benzene, toluene, ethylbenzene, xylenes, and naphthalene (see Table 3).
- Collected 13 surface water samples in October 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 and SW-07 off Brown’s Creek were dry).
 - The following concentrations were detected at the surface water sampling location SW-12. SW-12 is located just downgradient of a seep on the hill side above Brown’s Creek. The seep location is plotted on Figures 1 and 2.
 - 165 micrograms per liter (µg/L) benzene
 - 17.7 µg/L ethylbenzene
 - 302 µg/L toluene
 - 161 µg/L total xylenes
 - 4.7 µg/L naphthalene
 - Benzene remained undetected at the nearest downgradient surface water locations, SW-01 and SW-02, in September.
 - Apart from SW-12, no hydrocarbon constituents were detected above their respective surface water standards in the remaining surface water samples upstream or downstream of SW-12, where the impacted groundwater extends to Brown’s Creek. Analytical lab report is attached.
- Stream elevations from staff gauges are tabulated along with groundwater elevations in Table 2 and are depicted on Figure 1.

Product Recovery

- **Product Recovery Clarification:** Past reports used the phrase “No Measurable Product” to describe the volume collected month to month. However, product has, in fact, been recovered during every recovery event conducted at Lewis Drive. It was classified as “not measurable” because the volumes of product typically recovered were less than 100 gallons per event, and when placed into the 21,000 gallon frac tank 100 gallons of product would be indiscernible when spread out over the surface area of the tank. Since submission of the last Monthly Status Report in October (covering the September timeframe) Plantation has gone back and calculated the volume of product present in each of the recovery wells or sumps since April 2015 and the resultant removal from the annular space of the recovery wells and sumps was 2,318 gallons of product. The field data documenting this has been submitted to SDCHEC under separate cover.
- Shipped 209,622 gallons (4,991 barrels) of product through the end of October 2016. A total of approximately 690 gallons of LNAPL have been shipped off site in 2016. Evacuated product/water from Trench RT-2 installed adjacent to Brown’s Creek and groundwater from recovery sumps on a once per week (usually Monday) schedule. See Table for wells and sumps that were used for product recovery.
- Gauged depth to product and depth to water in recovery sumps, trenches, temporary wells, recovery wells, and stream gauges on a routine basis. During the site-wide gauging event on October 17, 2016, 17 wells and sumps had product thicknesses of 0.5 foot or greater. The greatest product thickness was 3.05 feet in RW-10. These locations are all away from surface water bodies at the site. Groundwater elevation and product thickness data are presented in Table 4 and on Figures 1 and 2.

- Groundwater levels in the area of Recovery Trench 2 were above ground surface. 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 light non-aqueous phase liquid (LNAPL) thickness trends are presented below:



Remedial Design and Construction

- Completed trenching and installing piping to vertical sparging points:
 - Placed 40 tons of sand as trench bedding.
 - Constructed and installed wellheads on vertical sparging points. Tied all wellheads into the field piping.
 - Pressure-tested lines at 50 psig for 10 minutes to demonstrate 0% leakdown.
 - Backfilled trenches over piping with sand.
 - Placed and compacted native soil over top of sand.
 - Installed tracer wire at 6 in below grade for utility location purposes.
- Demobilized two frac tanks from the site.
- Pulled stream bubbler piping to edge of Brown's Creek to prepare to install diffusion aerators.
- Initiated construction of the equipment compound:
 - Surveyed equipment compound layout.
 - Excavated, placed, and leveled 4'x4'x3' canopy footings.
 - Installed conduit for the transformer.
 - Duke Energy visited the site to clarify the orientation of the transformer pit pad.
- Developed three horizontal wells by jetting with 15 gpm water at 2,000-3,000 psig.

-
- Completed fabricating and pressure-tested sparging equipment. Conducted a shop test at the equipment manufacturing facility October 25-26:
 - Completed pertinent items of the Pre-Startup Safety Review Checklist (PSSR), including a P&ID walk-through, hydrostatic test, solenoid valve sequencing, flow control, and simulation of instrument alarms and shutdowns.
 - Developed a punchlist of minor findings to resolve over the next few weeks before shipping the building to the site.

Regulatory Interaction

- Issued monthly status update to SCDHEC.
- Conducted internal storm water pollution prevention plan (SWPPP) inspections on October 5, 11, 18, and 26.
- Responded to Anderson County's final comments on building permit application and proceeded to obtain South Carolina modular building licensure and comply with third-party inspection requirements.
- SCDHEC conducted a site inspection and posted a public notice on October 21.

Future Activities

- Install 4 additional shallow monitoring wells on the southern bank of Brown's Creek upstream (south) of the culvert under Lewis Drive, as proposed in a letter to SCDHEC on July 14, 2016, entitled "Additional Monitoring Wells and Surface Water Sampling Locations". These locations have been adjusted based on field conditions.
- Continue constructing equipment compound.
- Deliver equipment to the site and install.
- Conduct baseline analytical groundwater monitoring event.
- Perform equipment commissioning and initial start-up per the Corrective Action Plan.
- Gauge recovery wells, recovery sumps, and recovery trenches monthly for depth to groundwater and free product thickness.
- Evacuate product from product recovery sumps, trenches, and recovery wells weekly.
- Continue to dispose recovered liquids offsite.
- Continue routine visual inspections of Brown's Creek and Wetland #1 (Cupboard Creek).
- Conduct monthly sampling of surface water at 16 pre-determined locations along Brown's Creek and Cupboard Creek.
- Continue monthly status updates to SCDHEC.
- Continue coordination with landowners and legal counsel on an as-needed basis.

Wildlife Issues

- None.

Cumulative LNAPL 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

Date	Destination	Total Product (gal)
2/11/2015	Allied Energies	5,732
2/11/2015	Allied Energies	5,606
2/25/2015	Allied Energies	5,583
3/4/2015	Allied Energies	4,000
3/16/2015	Allied Energies	5,200
6/3/2015	Allied Energies	6,500
6/3/2015	Allied Energies	4,214
8/10/2015	Allied Energies	6,000
11/2/2015	Allied Energies	5,800
11/13/2015	Crystal Clean (FCC)	2,900
12/1/2015	Allied Energies	6,690
12/1/2015	Allied Energies	6,700
12/7/2015	Crystal Clean (FCC)	500
9/28/2016	Shamrock	495
10/17/2016	Shamrock	110
10/24/2016	Shamrock	85
Total (gallons)		209,622
Total (barrels)		4,991

Notes:

1. Gasoline and water were field-segregated using a 21,000 gallon frac tank from December 2014 through September 2016. Beginning October 2016, the frac tank was removed from the site and LNAPL was recovered directly into a vacuum truck.

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. It is assumed that only a minor corner of his property may have been impacted by the release.

Local Authorities On-Site

- Ms. Bobbi Coleman from SCDHEC performed a site walk on October 21, 2016.
- Anderson County Stormwater Department conducted a SWPPP inspection on October 18, 2016 – no deficiencies were noted.

Photographs

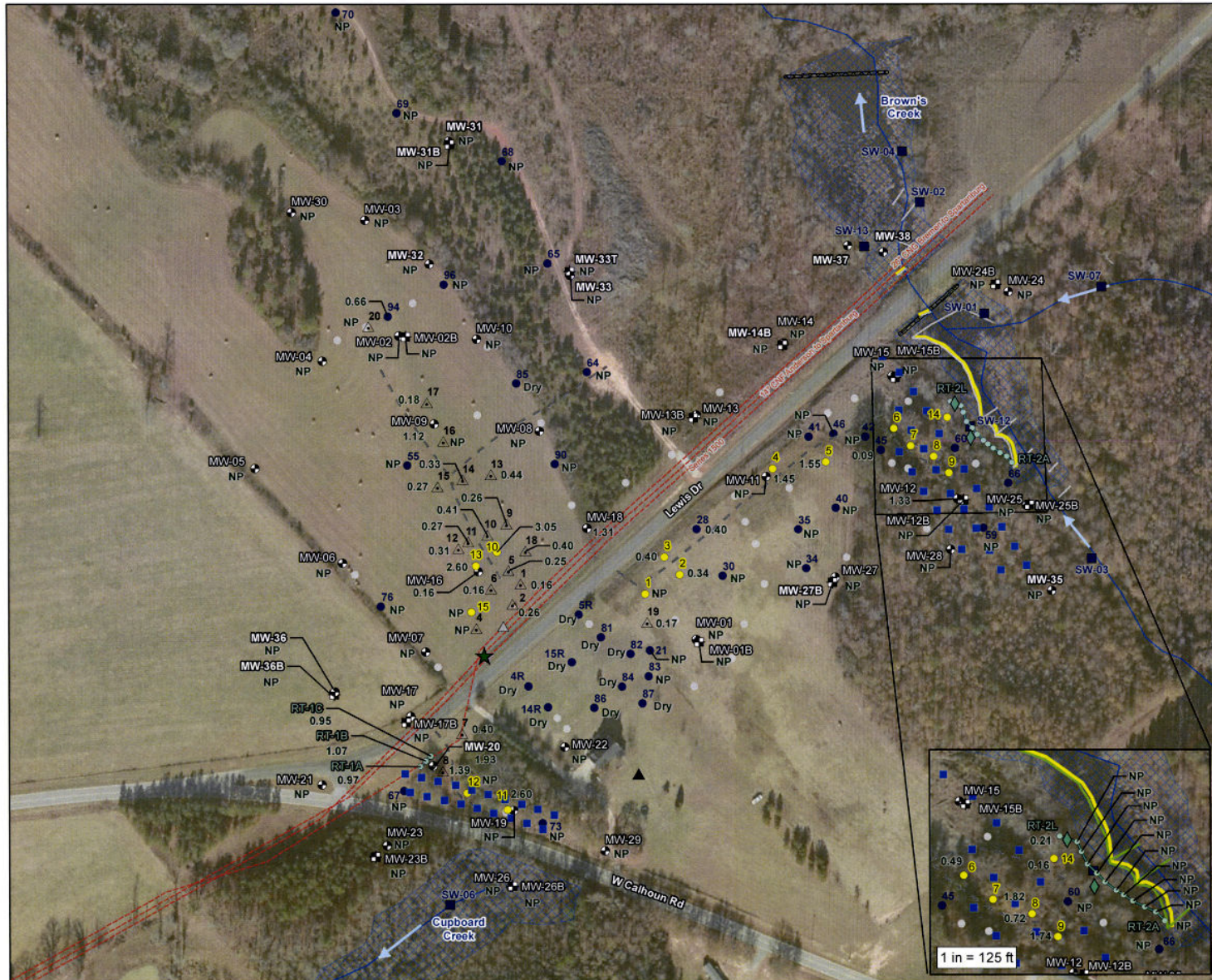


10/21/2016: View of the Cupboard Creek vertical sparging network with West Calhoun in the background. High-density polyethylene (HDPE) piping conveys the compressed air to the sparging wells. Trenches are backfilled with clean fill after pressure testing and tracer wire installation is complete.



10/31/2016: Aligning the canopy footer forms in preparation for the concrete pour. The canopy will cover the exterior equipment which will be the primary process elements to remediate the site.

DRAFT



- LEGEND**
- ★ Release Point
 - Monitoring Well
 - ⊕ Bedrock Monitoring Well
 - ◆ Seep Location
 - △ Recovery Sump
 - ▲ Abandoned Recovery Sump
 - Piezometer ("R" indicates Replacement)
 - Abandoned Temporary Piezometer
 - Recovery Well (4-inch diameter)
 - Vertical Sparging Well (not yet surveyed)
 - Surface Water Sampling Location
 - ▲ Septic Tank
 - Recovery Trench Line
 - Recovery Trench
 - Surface Water Flow Direction
 - Pipeline
 - - - Access Route
 - Soft Boom
 - Hard Boom
 - ~ Topographic Contour - 5' Interval
 - ~ Stream (NHD)
 - ▨ Delineated Wetland
 - ▨ Beaver Dam
 - Detail Area
- 0.16 Product Thickness in feet as of 10/17/2016
 NP No Product detected

Source Data:
 *Environmental Systems Research Institute (ESRI) ArcMap World Imagery, 2015
 *United States Geological Survey (USGS) National Hydrography Dataset (NHD)

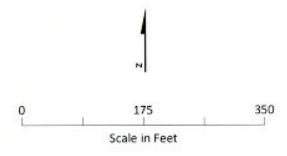


Figure 2. Product Thickness Map
 Lewis Drive Release, Belton, South Carolina
 Site ID #18693
 "Kinder Morgan Belton Pipeline Release"



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Table 1. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Release, 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	Bottom of Screen or Open Borehole	Top of Screen or Open Borehole	Bottom of Screen or Open Borehole	Top of Screen or Open Borehole	Bottom of Screen or Open Borehole	Length of Screen or Open Borehole (ft)
													Interval (ft BTOC)	Interval (ft BTOC)	Interval (ft bgs)	Interval (ft bgs)	Interval (ft amsl)	Interval (ft amsl)	
MW-01	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	850.25	853.07	15.65	8	2	13.00	837.2	5.82	15.82	3.0	13.0	847.2	837.2	10.00
MW-01B	Schramm Air Rig	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	850.45	852.99	44.50	10	6	38.50	812.0	21.03	41.03	18.5	38.5	832.0	812.0	20.00
MW-02	CME 750 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	841.24	841.04	23.14	8	2	20.00	821.2	4.80	19.80	5.0	20.0	836.2	821.2	15.00
MW-02B	Schramm Air Rig	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	841.40	841.18	87.15	10	6	81.00	760.4	69.78	80.78	70.0	81.0	771.4	760.4	11.00
MW-03	CME 550 HSA	MW-10136	6/23/2015	Still in use	Monitoring Well/Gauging	838.38	838.36	22.19	8	2	20.00	818.4	4.98	19.98	5.0	20.0	833.4	818.4	15.00
MW-04	CME 550 HSA	MW-10136	6/23/2015	Still in use	Monitoring Well/Gauging	844.51	844.42	22.13	8	2	20.00	824.5	4.91	19.91	5.0	20.0	839.5	824.5	15.00
MW-05	CME 550 HSA	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	851.15	851.11	21.78	8	2	20.00	831.1	4.96	19.96	5.0	20.0	846.1	831.1	15.00
MW-06	CME 550 HSA	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	852.98	852.92	21.84	8	2	19.60	833.4	4.54	19.54	5.0	19.6	848.0	833.4	15.00
MW-07	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	853.02	853.02	15.35	8	2	13.50	839.5	-1.50	13.50	3.5	13.5	849.5	839.5	15.00
MW-08	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	844.75	844.72	21.81	8	2	19.70	825.1	4.67	19.67	4.7	19.7	840.1	825.1	15.00
MW-09	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	843.72	843.63	22.63	8	2	19.50	824.2	4.41	19.41	4.5	19.5	839.2	824.2	15.00
MW-10	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	842.33	845.41	22.41	8	2	20.00	822.3	8.08	23.08	5.0	20.0	837.3	822.3	15.00
MW-11	CME 550 HSA	MW-10136	7/1/2015	Still in use	Monitoring Well/Gauging	852.36	855.63	31.32	8	2	25.20	827.2	13.27	28.27	14.2	25.0	838.2	827.4	15.00
MW-12	CME 550 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	832.20	834.53	22.05	8	2	19.30	812.9	6.63	21.63	4.3	19.3	827.9	812.9	15.00
MW-12B	Geoprobe 3230 DT HSA	MW-10460	12/22/2015	Still in use	Monitoring Well/Gauging	832.26	834.98	45.31	10	6	43.00	789.3	35.72	45.72	33.0	43.0	799.3	789.3	10.00
MW-13	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	845.93	848.84	21.15	8	2	19.00	826.9	6.92	21.92	4.0	19.0	841.9	826.9	15.00
MW-13B	Geoprobe 3230 DT HSA	MW-10461	12/21/2015	Still in use	Monitoring Well/Gauging	847.19	849.82	55.41	10	6	58.00	789.2	50.64	60.64	48.0	58.0	799.2	789.2	10.00
MW-14	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	836.47	838.70	22.18	8	2	19.30	817.2	6.53	21.53	4.3	19.3	832.2	817.2	15.00
MW-14B	Mobile ST Schramm	MW-10578	5/3/2016	Still in use	Monitoring Well/Gauging	837.12	840.20	80.20	10	6	76.90	760.2	69.30	79.30	66.0	76.0	771.1	761.1	10.00
MW-15	CME 550 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	828.68	831.03	18.85	8	2	19.00	809.7	6.35	21.35	4.0	19.0	824.7	809.7	15.00
MW-15B	CME 550 HSA	MW-10136	7/28/2015	Still in use	Monitoring Well/Gauging	828.66	831.29	77.85	10	6	77.85	750.8	70.48	80.48	67.9	77.9	760.8	750.8	10.00
MW-16	CME 750 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	847.63	847.67	25.30	8	2	20.00	827.6	5.03	20.03	5.0	20.0	842.6	827.6	15.00
MW-17	CME 750 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	855.32	855.35	15.30	8	2	11.00	844.3	6.03	11.03	6.0	11.0	849.3	844.3	5.00
MW-17B	Geoprobe 3230 DT HSA	MW-10462	1/7/2016	Still in use	Monitoring Well/Gauging	855.37	855.37	27.40	10	6	27.00	828.4	17.00	27.00	17.0	27.0	838.4	828.4	10.00
MW-18	CME 550 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	846.82	846.89	21.85	8	2	20.00	826.8	5.06	20.06	5.0	20.0	841.8	826.8	15.00
MW-19	CME 750 HSA	MW-10136	6/29/2015	Still in use	Monitoring Well/Gauging	851.23	853.94	12.13	8	2	9.50	841.7	7.20	12.20	4.5	9.5	846.7	841.7	5.00
MW-20	CME 750 HSA	MW-10136	6/30/2015	Still in use	Monitoring Well/Gauging	853.07	852.89	22.25	8	2	19.00	834.1	3.81	18.81	4.0	19.0	849.1	834.1	15.00
MW-21	CME 750 HSA	MW-10136	6/30/2015	Still in use	Monitoring Well/Gauging	855.68	855.77	23.23	8	2	20.00	835.7	5.09	20.09	5.0	20.0	850.7	835.7	15.00
MW-22	CME 750 HSA	MW-10136	7/1/2015	Still in use	Monitoring Well/Gauging	854.62	854.60	13.41	8	2	11.00	843.6	5.98	10.98	6.0	11.0	848.6	843.6	5.00
MW-23	CME 750 HSA	MW-10136	7/1/2015	Still in use	Monitoring Well/Gauging	846.66	849.57	23.24	8	2	20.00	826.7	7.91	22.91	5.0	20.0	841.7	826.7	15.00
MW-23B	CME 550 HSA	MW-10136	7/22/2015	Still in use	Monitoring Well/Gauging	846.81	849.69	55.75	10	6	50.50	796.3	30.88	53.38	28.0	50.5	818.8	796.3	22.50
MW-24	CME 550 HSA	MW-10136	7/15/2015	Still in use	Monitoring Well/Gauging	815.72	817.92	12.50	8	2	13.00	802.7	10.20	15.20	8.0	13.0	807.7	802.7	5.00
MW-24B	CME 550 HSA	MW-10136	7/20/2015	Still in use	Monitoring Well/Gauging	815.83	818.72	41.35	10	6	39.50	776.3	22.39	42.39	19.5	39.5	796.3	776.3	20.00
MW-25	Geoprobe 3230 DT HSA	MW-10463	1/5/2016	Still in use	Monitoring Well/Gauging	823.46	826.18	18.04	8	2	15.00	808.5	8.04	18.04	5.0	15.0	818.5	808.5	10.00
MW-25B	Geoprobe 3230 DT HSA	MW-10464	1/5/2016	Still in use	Monitoring Well/Gauging	822.59	823.81	56.43	10	6	58.00	764.6	49.22	59.22	48.0	58.0	774.6	764.6	10.00
MW-26	Geoprobe 3230 DT HSA	MW-10465	1/4/2016	Still in use	Monitoring Well/Gauging	844.76	847.56	17.27	8	2	15.25	829.5	7.27	17.27	5.0	15.0	839.8	829.8	10.00
MW-26B	Geoprobe 3230 DT HSA	MW-10466	1/4/2016	Still in use	Monitoring Well/Gauging	844.81	847.81	42.81	10	6	38.00	806.8	29.00	41.00	26.0	38.0	818.8	806.8	12.00
MW-27	Geoprobe 3230 DT HSA	MW-10467	1/5/2016	Still in use	Monitoring Well/Gauging	854.22	854.11	30.11	8	2	30.25	824.0	15.11	30.11	15.0	30.0	839.2	824.2	15.00
MW-27B	CME 550 HSA / Schramm	MW-10578	4/26/2016	Still in use	Monitoring Well/Gauging	854.27	857.14	50.25	10	6	46.00	808.3	40.25	50.25	36.0	46.0	818.3	808.3	10.00
MW-28	Geoprobe 3230 DT HSA	MW-10468	1/5/2016	Still in use	Monitoring Well/Gauging	841.49	844.31	25.21	8	2	23.50	818.0	8.50	23.50	10.0	25.0	831.5	816.5	15.00
MW-29	Geoprobe 3230 DT HSA	MW-10469	1/4/2016	Still in use	Monitoring Well/Gauging	852.07	852.20	15.02	8	2	15.25	836.8	5.00	15.00	5.0	15.0	847.1	837.1	10.00
MW-30	Geoprobe 3230 DT HSA	MW-10470	1/6/2016	Still in use	Monitoring Well/Gauging	841.21	841.28	14.56	8	2	15.25	826.0	5.00	15.00	5.0	15.0	836.2	826.2	10.00
MW-31	CME 550 HSA	MW-10578	4/19/2016	Still in use	Monitoring Well/Gauging	842.26	845.04	21.85	8	2	25.00	817.3	13.05	28.05	10.0	25.0	832.3	817.3	15.00
MW-31B	CME 550 HSA / Schramm	MW-10578	4/22/2016	Still in use	Monitoring Well/Gauging	842.01	844.94	80.76	10	6	76.00	766.0	69.76	80.76	65.0	76.0	777.0	766.0	11.00
MW-32	CME 550 HSA	MW-10578	4/19/2016	Still in use	Monitoring Well/Gauging	839.81	842.93	28.96	8	2	26.00	813.8	12.96	27.96	10.0	25.0	829.8	814.8	15.00
MW-33	CME 550 HSA	MW-10578	4/15/2016	Still in use	Monitoring Well/Gauging	846.20	849.20	28.25	8	2	27.00	819.2	11.25	26.25	10.0	25.0	836.2	821.2	15.00
MW-33T	CME 550 HSA/Air Rotary	MW-10578	4/14/2016	Still in use	Monitoring Well/Gauging	846.15	849.11	98.15	8	2	96.50	749.7	85.65	95.65	84.0	94.0	762.2	752.2	10.00
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

Table 1. Well Construction Information
 Plantation Pipe Line Company
 Lewis Drive Release, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Length of Screen or Open (ft)
													Borehole Interval (ft BTOC)	Borehole Interval (ft BTOC)	Borehole Interval (ft bgs)	Borehole Interval (ft bgs)	Borehole Interval (ft amsl)	Borehole Interval (ft amsl)	Borehole Interval (ft)
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	NS	NS	18.11	8.25	2	16.00	NS	7.11	17.11	5.0	15.0	NS	NS	10.00
MW-38	Geoprobe 8040 HSA	MW-10759	8/9/2016	Still in use	Monitoring Well/Gauging	NS	NS	11.44	8.25	2	9.10	NS	6.24	11.24	3.9	8.9	NS	NS	5.00
Recovery Wells																			
RW-01	HSA	MW-09978	1/28/2015	Still in use	Gauging/LNAPL Recovery	849.49	851.92	19.75	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	25.25	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	34.50	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	20
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	17.92	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	14.00	6.25	4	14	837.5	4.00	14.00	4.0	14.0	847.5	837.5	10
RW-13	HSA	MW-10006	2/5/2015	Still in use	Gauging/LNAPL Recovery	847.57	847.97	45.53	6.25	4	50	797.6	0.53	45.53	5.0	50.0	842.6	797.6	45
RW-14	HSA	MW-10006	2/6/2015	Still in use	Gauging/LNAPL Recovery	826.25	827.54	55.00	6.25	4	55	771.2	5.00	55.00	5.0	55.0	821.2	771.2	50
RW-15	HSA	MW-10006	2/10/2015	Still in use	Gauging/LNAPL Recovery	849.48	851.64	36.50	6.25	4	36.5	813.0	1.50	36.50	1.5	36.5	848.0	813.0	35
Recovery Sumps																			
RS-01	Trackhoe	MW-09978	12/29/2014	Still in use	Gauging/LNAPL Recovery	847.95	850.33	23.60	NA	4	21.21	826.7	4.39	23.60	2.0	21.2	845.9	826.7	19.21
RS-02	Trackhoe	MW-09978	12/29/2014	Still in use	Gauging/LNAPL Recovery	848.54	850.10	20.21	NA	4	18.65	829.9	3.56	20.21	2.0	18.6	846.5	829.9	16.65
RS-04	Trackhoe	MW-09978	12/30/2014	Still in use	Gauging/LNAPL Recovery	850.36	851.44	10.25	NA	4	9.17	841.2	3.08	10.25	2.0	9.2	848.4	841.2	7.17
RS-05	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	847.14	848.55	25.20	NA	4	23.79	823.3	3.41	25.20	2.0	23.8	845.1	823.3	21.79
RS-06	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	848.25	850.73	25.18	NA	4	22.70	825.5	4.48	25.18	2.0	22.7	846.2	825.5	20.70
RS-07	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	854.06	856.04	16.78	NA	4	14.80	839.3	3.98	16.78	2.0	14.8	852.1	839.3	12.80
RS-08	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	852.59	854.91	20.22	NA	4	17.91	834.7	4.31	20.22	2.0	17.9	850.6	834.7	15.91
RS-09	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.75	849.12	18.69	NA	4	16.33	830.4	4.37	18.69	2.0	16.3	844.8	830.4	14.33
RS-10	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.28	847.52	20.06	NA	4	18.82	827.5	3.24	20.06	2.0	18.8	844.3	827.5	16.82
RS-11	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.35	848.41	22.06	NA	4	19.99	826.4	4.07	22.06	2.0	20.0	844.3	826.4	17.99
RS-12	Trackhoe	MW-09978	1/7/2015	Still in use	Gauging/LNAPL Recovery	846.58	848.87	21.29	NA	4	19.00	827.6	4.29	21.29	2.0	19.0	844.6	827.6	17.00
RS-13	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	845.51	848.28	19.92	NA	4	17.14	828.4	4.15	19.92	1.4	17.1	844.1	828.4	15.77
RS-14	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	844.66	846.92	19.93	NA	4	17.68	827.0	4.26	19.93	2.0	17.7	842.7	827.0	15.68
RS-15	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	845.36	848.97	19.93	NA	4	16.31	829.0	5.62	19.93	2.0	16.3	843.4	829.0	14.31
RS-16	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	844.56	846.77	19.98	NA	4	17.77	826.8	4.21	19.98	2.0	17.8	842.6	826.8	15.77
RS-17	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	843.29	845.15	19.91	NA	4	18.05	825.2	3.86	19.91	2.0	18.0	841.3	825.2	16.05
RS-18	Trackhoe	MW-09978	1/8/2015	Still in use	Gauging/LNAPL Recovery	846.82	848.59	19.98	NA	4	18.21	828.6	3.77	19.98	2.0	18.2	844.8	828.6	16.21
RS-19	Trackhoe	MW-09978	1/21/2015	Still in use	Gauging/LNAPL Recovery	849.27	852.37	15.10	NA	4	12.00	837.3	5.10	15.10	2.0	12.0	847.3	837.3	10.00
RS-20	Trackhoe	MW-09978	3/19/2015	Still in use	Gauging/LNAPL Recovery	841.73	843.49	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	856.21	20.80	NA	4	20.00	832.9	5.35	23.35	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	857.30	20.69	NA	4	20.00	833.3	6.00	24.00	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	857.02	20.20	NA	4	20.00	833.5	5.47	23.47	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	818.31	10.81	NA	4	10.00	805.7	4.66	12.66	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	818.92	10.82	NA	4	10.00	806.7	4.20	12.20	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	819.02	10.23	NA	4	10.00	806.9	4.15	12.15	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	819.57	10.21	NA	4	10.00	807.1	4.46	12.46	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	819.40	10.24	NA	4	10.00	807.3	4.08	12.08	2.0	10.0	815.3	807.3	8

Table 1. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Release, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Length of Screen or Open
													Borehole Interval (ft BTOC)	Borehole Interval (ft BTOC)	Borehole Interval (ft bgs)	Borehole Interval (ft bgs)	Borehole Interval (ft amsl)	Borehole Interval (ft amsl)	Borehole Interval (ft)
RT-2F	Trackhoe	MW-09978	1/22/2015	Still in use	Gauging/LNAPL Recovery	817.74	819.52	10.23	NA	4	10.00	807.7	3.78	11.78	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	820.31	10.24	NA	4	10.00	809.3	3.04	11.04	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	818.38	10.22	NA	4	10.00	807.5	2.91	10.91	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	817.46	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	820.38	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	12.71	2.2	1	14	835.7	2.71	12.71	4.0	12.7	845.7	837.0	10
TW-28	DPT	MW-09978	1/23/2015	Still in use	Gauging	851.57	851.42	31.84	2.2	1	30	821.6	11.84	31.84	10.0	32.0	841.6	819.6	20
TW-30	DPT	MW-09978	1/23/2015	Still in use	Gauging	851.86	851.81	25.05	2.2	1	24	827.9	10.05	25.05	9.0	25.1	842.9	826.8	15
TW-34	DPT	MW-09978	1/24/2015	Still in use	Gauging	854.92	854.79	25.04	2.2	1	23	831.9	10.04	25.04	8.0	25.2	846.9	829.7	15
TW-35	DPT	MW-09978	1/24/2015	Still in use	Gauging	854.22	854.10	25.12	2.2	1	23	831.2	10.12	25.12	8.0	25.2	846.2	829.0	15
TW-40	DPT	MW-09978	1/24/2015	Still in use	Gauging	853.45	853.35	34.05	2.2	1	33	820.5	14.05	34.05	13.0	34.2	840.5	819.3	20
TW-41	DPT	MW-09978	1/25/2015	Still in use	Gauging	849.38	849.38	33.58	2.2	1	34	815.4	8.58	33.58	9.0	33.6	840.4	815.8	25
TW-42	DPT	MW-09978	1/25/2015	Still in use	Gauging	847.02	846.84	39.80	2.2	1	29.5	817.5	19.80	39.80	9.5	40.0	837.5	807.0	20
TW-45	DPT	MW-09978	1/25/2015	Still in use	Gauging	848.26	848.31	36.86	2.2	1	37.5	810.8	11.86	36.86	12.5	36.8	835.8	811.4	25
TW-46	DPT	MW-09978	1/26/2015	Still in use	Gauging	846.89	846.88	33.44	2.2	1	32	814.9	13.44	33.44	12.0	33.4	834.9	813.4	20
TW-55	DPT	MW-10006	2/5/2015	Still in use	Gauging	846.00	845.93	43.00	2.7	1	43	803.0	13.00	43.00	13.0	43.1	833.0	802.9	30
TW-59	DPT	MW-09978	1/30/2015	Still in use	Gauging	834.84	834.78	22.00	2.7	1	22	812.8	7.00	22.00	7.0	22.1	827.8	812.8	15
TW-60	DPT	MW-09978	1/30/2015	Still in use	Gauging	828.00	828.03	40.40	2.7	1	41.5	786.5	5.40	40.40	6.5	40.4	821.5	787.6	35
TW-64	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.89	845.88	56.43	2.2	1	55	790.9	6.43	56.43	5.0	56.4	840.9	789.5	50
TW-65	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.66	845.62	44.81	2.2	1	44.5	801.2	9.81	44.81	9.5	44.8	836.2	800.8	35
TW-66	DPT	MW-09978	2/2/2015	Still in use	Gauging	820.18	820.31	29.70	2.7	1	24	796.2	9.70	29.70	4.0	29.6	816.2	796.0	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
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 Sparge Wells																			
VAS-01	Mobile B57 HSA	SCHE03020469	7/28/2016	Still in use	Cupboard Creek Protection	NS	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	NS	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	NS	NS	NA	8.50	2.00	18.30	NA	NA	NA	14.80	17.30	NA	NA	2.50

Table 1. Well Construction Information

Plantation Pipe Line Company

Lewis Drive Release, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Installation Method	Permit #	Date Installed	Date Abandoned	Purpose	Ground Surface Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth to Bottom (ft BTOC)	Bore Hole Diameter (in)	Well Dia (in)	Well Depth (ft bgs)	Bottom of Well (ft amsl)	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Top of Screen or Open	Bottom of Screen or Open	Length of Screen or Open Interval (ft)
													Borehole Interval (ft BTOC)	Borehole Interval (ft BTOC)	Borehole Interval (ft bgs)	Borehole Interval (ft bgs)	Borehole Interval (ft amsl)	Borehole Interval (ft amsl)	
VAS-04	Geoprobe 8040 HSA	SCHE03020469	8/4/2016	Still in use	Cupboard Creek Protection	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	NS	NA	8.50	2.00	17.90	NA	NA	NA	14.40	16.90	NA	NA	2.50
VAS-17	Geoprobe 8040 HSA	SCHE03020469	8/3/2016	Still in use	Cupboard Creek Protection	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	NS	NA	8.50	2.00	53.50	NA	NA	NA	50.00	52.50	NA	NA	2.50
VAS-35	Mobile B57 HSA	SCHE03020469	7/13/2016	Still in use	Brown's Creek Protection	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	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	NS	NS	NA	8.50	2.00	20.80	NA	NA	NA	18.00	20.50	NA	NA	2.50

Notes:

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

Table 2. Stream Gauge Construction Information
 Plantation Pipe Line Company
 Lewis Drive Release, 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 Release, 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
SW-01	SW01-092415	9/24/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW01-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW01-112415	11/24/2015	µg/L	7.8	1.5	13.0	9.3	4.6	1 U ¹	NA
	SW01-122215	12/22/2015	µg/L	4.6	1 U	8.8	5.5	3.1	1 U ¹	NA
	SW01-012516	1/25/2016	µg/L	17.6	2.3	36.0	11.3	6.3	1 U ¹	NA
	SW01-021816	2/18/2016	µg/L	23.4	3.0	55.6	15.0	9.1	1 U ¹	NA
	SW01-031616	3/16/2016	µg/L	20.1	2.4	42.3	13.3	7.6	1 U ¹	NA
	SW01-042716	4/27/2016	µg/L	20.8	1 U	30.6	2.9	2.0	1 U ¹	NA
	SW01-050916	5/9/2016	µg/L	16.5	1.4	16.3	7.0	4.8	1 U ¹	NA
	SW01-062716	6/27/2016	µg/L	9	1 U	3.3	2 U	1 U	1 U ¹	NA
	SW01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	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
SW-02	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
	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
SW-03	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

Table 3. Analytical Results for Surface Water
 Lewis Drive Release, 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-04	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	
	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	23.5	2 U	1 U	1 U ¹	NA	
	SW04-092916	9/29/2016	µg/L	1 U	1 U	23.5	2 U	1 U	1 U ¹	NA	
	SW04-103116	10/31/2016	µg/L	1 U	1 U	23.5	2 U	1 U	1 U ¹	NA	
	SW-05	SW05-022515	2/25/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
		SW05-030215	3/2/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
		SW05-031115	3/11/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
		SW05-031815	3/18/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
		SW05-033115	3/31/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
		SW05-042215	4/22/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
		SW05-050715	5/7/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
SW05-112415		11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW05-122215		12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW05-012516		1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW05-021816		2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW05-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA		
SW-06	SW06-022515	2/25/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA	
	SW06-030215	3/2/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA	
	SW06-031115	3/11/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA	
	SW06-031815	3/18/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA	
	SW06-042215	4/22/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA	
	SW06-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
	SW06-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW06-021816	2/18/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA		
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		

Table 3. Analytical Results for Surface Water
 Lewis Drive Release, 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	
SW-09	SW09-022515	2/25/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-030215	3/2/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-031115	3/11/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-031815	3/18/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-033115	3/31/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-042215	4/22/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-050715	5/7/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-051915	5/19/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-060315	6/3/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-061815	6/18/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-071515	7/15/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-081315	8/13/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-092415	9/24/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW09-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW09-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW09-122215	12/22/2015	µg/L	2.1	1 U	4.8	3.3	2.1	1 U ¹	NA
	SW09-012516	1/25/2016	µg/L	3.3	1 U	7.1	2.4	1.5	1 U ¹	NA
	SW09-021816	2/18/2016	µg/L	2.2	1 U	5.9	2 U	1.2	1 U ¹	NA
	SW09-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW09-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
SW09-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW09-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW09-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW09-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW09-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW09-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA	
SW-10	SW10-022515	2/25/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-030215	3/2/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-031115	3/11/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-031815	3/18/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-033115	3/31/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-042215	4/22/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-050715	5/7/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-051915	5/19/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-060315	6/3/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-061815	6/18/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-071515	7/15/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-081315	8/13/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-092415	9/24/2015	µg/L	5 U ¹	5 U	5 U	10 U	5 U	5 U ¹	NA
	SW10-102215	10/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW10-112415	11/24/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW10-122215	12/22/2015	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	SW10-012516	1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	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	

Table 3. Analytical Results for Surface Water
 Lewis Drive Release, 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	
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	4.7	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	2.0	1 U	1 U ¹	NA
FP-01	FP-01-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-081916	8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-01-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-02	FP-02-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹
FP-02-042716		4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-02-050916		5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-02-062716		6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-02-072816		7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-02-081916		8/19/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-02-092916		9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-02-103116		10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
FP-03		FP-03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹
	FP-03-042716	4/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-03-050916	5/9/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-03-062716	6/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-03-072816	7/28/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-03-092916	9/29/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
	FP-03-103116	10/31/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U ¹	NA
Screening Value:			µg/L	2.2 ^a	530 ^a	1,000 ^a	190 ^b	190 ^b	0.17 ^b	14 ^b

Notes:

^a South Carolina Department of Health and Environmental Control (SC DHEC) R.61-68, Water Classifications and Standards, Human Health for consumption of water and organism, June 22, 2012

^b U.S. Environmental Protection Agency (EPA) Regional Screening Levels (RSLs), Tapwater, June 2015. RSLs based on hazard quotient (HQ) = 1 and cancer risk = 1 x 10⁻⁶

^c RSL value for total xylenes used for m&p-Xylene

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

Samples analyzed 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. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-01					853.07		
	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	-
MW-01B					852.99		
	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	-
MW-02					841.04		
	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	-
MW-02B					841.18		
	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	-
MW-03					838.36		
	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	-
MW-04					844.42		
	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	-
MW-05					851.11		
	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	-
MW-06					852.92		
	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	-
MW-07					853.02		
10/31/2016	-	14.10	-		838.92	-	

Table 4. Groundwater Elevation and Product Thickness Data
 Plantation Pipe Line Company
 Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-07 (cont'd)	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	-
MW-08					844.72		
	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	-	
MW-09					843.63		
	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	
MW-10					845.41		
	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	-	
MW-11					855.63		
	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	
MW-12					834.53		
	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	
MW-12B					834.98		
	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	-	
MW-13					848.84		
	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	-	
MW-13B					849.82		
	10/31/2016	-	23.85	-		825.97	-
	10/24/2016	-	23.77	-		826.05	-
10/17/2016	-	23.68	-		826.14	-	

Table 4. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-13B (cont'd)	10/9/2016	-	23.47	-		826.35	-
	10/4/2016	-	23.50	-		826.32	-
MW-14					838.70		
	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	-
MW-14B					840.20		
	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	-
MW-15					831.03		
	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	-
	10/4/2016	-	13.71	-		817.32	-
MW-15B					831.29		
	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	-
MW-16					847.67		
	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
MW-17					855.35		
	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	-
MW-17B					855.37		
	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	-
MW-18					846.89		
	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
	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

Table 4. Groundwater Elevation and Product Thickness Data
 Plantation Pipe Line Company
 Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-19					853.94		
	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	-
MW-20					852.89		
	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
MW-21					855.77		
	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	-
MW-22					854.60		
	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	-
MW-23					849.57		
	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	-
MW-23B					849.69		
	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	-
MW-24					817.92		
	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	-
MW-24B					818.72		
	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	-
MW-25					826.18		
10/31/2016	-	10.30	-		815.88	-	

Table 4. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-25 (cont'd)	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	-
MW-25B					823.81		
	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	-	
MW-26					847.56		
	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	-	
MW-26B					847.81		
	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	-	
MW-27					854.11		
	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	-	
MW-27B					857.14		
	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	-	
MW-28					844.31		
	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	-	
MW-29					852.20		
	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	-	
MW-30					841.28		
	10/31/2016	-	9.58	-		831.70	-
	10/24/2016	-	9.44	-		831.84	-
	10/17/2016	-	9.32	-		831.96	-

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Plantation Pipe Line Company
Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-30 (cont'd)	10/9/2016	-	9.26	-		832.02	-
	10/4/2016	-	9.18	-		832.10	-
MW-31					845.04		
	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	-
MW-31B					844.94		
	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	-
MW-32					842.93		
	10/31/2016	-	16.38	-		826.55	-
	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	-		-	-
MW-33					849.20		
	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	-
MW-33T					849.11		
	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	-
MW-35					829.40		
	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	-
MW-36					858.47		
	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	-
MW-36B					858.15		
	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 4. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
MW-37	10/31/2016	-	4.22	-	NS	NS	-
MW-38	10/31/2016	-	2.53	-	NS	NS	-
RS-01					850.33		
	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
	10/17/2016	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
RS-02					850.10		
	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
	10/17/2016	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
RS-04					851.44		
	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	-
RS-05					848.55		
	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
	10/17/2016	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
RS-06					850.73		
	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
RS-07					856.04		
	10/31/2016	-	DRY	-		-	-
	10/24/2016	16.10	NO WATER	0.68		-	-
	10/17/2016	15.94	16.34	0.40		839.70	840.00
	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
RS-08					854.91		
	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
	10/17/2016	16.30	17.69	1.39		837.22	838.23
	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
RS-09					849.12		
	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
	10/17/2016	15.33	15.59	0.26		833.53	833.72

Table 4. Groundwater Elevation and Product Thickness Data
Plantation Pipe Line Company
Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
RS-09 (cont'd)	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
RS-10					847.52		
	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
	10/17/2016	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
RS-11					848.41		
	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
RS-12					848.87		
	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
RS-13					848.28		
	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
	10/4/2016	15.80	16.18	0.38		832.10	832.38
RS-14					846.92		
	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
RS-15					848.97		
	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
RS-16					846.77		
	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	-
RS-17					845.15		
	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

Table 4. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
RS-18					848.59		
	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
RS-19					852.37		
	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
RS-20					843.49		
	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	-
RT-1A					856.21		
	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
	10/17/2016	17.93	18.90	0.97		837.31	838.02
	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
RT-1B					857.30		
	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
	10/17/2016	18.85	19.92	1.07		837.38	838.16
	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
RT-1C					857.02		
	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
	10/17/2016	19.05	20.00	0.95		837.02	837.71
	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
RT-2A					818.31		
	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	-
RT-2B					818.92		
	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	-
RT-2C	10/31/2016	-	3.18	-	819.02	815.84	-

Table 4. Groundwater Elevation and Product Thickness Data
 Plantation Pipe Line Company
 Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
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	-
RT-2D					819.57		
	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	-
RT-2E					819.40		
	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	-	
RT-2F					819.52		
	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	-	
RT-2G					820.31		
	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	-	
RT-2H					822.17		
	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	-	
RT-2I					819.51		
	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	-	
RT-2J					818.38		
	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	
RT-2K					817.46		
	10/31/2016	-	1.36	-		816.10	-
	10/24/2016	-	1.32	-		816.14	-
10/17/2016	-	2.07	-		815.39	-	

Table 4. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
RT-2K (cont'd)	10/9/2016	-	1.10	-		816.36	-
	10/4/2016	-	1.32	-		816.14	-
RT-2L					820.38		
	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	14.85	4.35	0.21		816.03	816.18
	10/9/2016	-	NM	-		-	-
	10/4/2016	3.95	4.15	0.20		816.23	816.37
RW-01					851.92		
	10/31/2016	-	20.03	-		831.89	-
	10/24/2016	-	19.85	-		832.07	-
	10/17/2016	-	19.10	-		832.82	-
	10/9/2016	-	19.13	-		832.79	-
	10/4/2016	-	19.08	-		832.84	-
RW-02					852.69		
	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
RW-03					852.34		
	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
RW-04					853.93		
	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
	10/17/2016	30.40	31.85	1.45		822.08	823.14
	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
RW-05					853.53		
	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
	10/17/2016	33.91	35.46	1.55		818.07	819.20
	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
RW-06					846.21		
	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
	10/17/2016	28.07	28.56	0.49		817.65	818.01
	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
RW-07					843.19		
	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
	10/17/2016	24.26	26.08	1.82		817.11	818.44
	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

Table 4. Groundwater Elevation and Product Thickness Data
 Plantation Pipe Line Company
 Lewis Drive Release, 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ² Groundwater Elevation (ft amsl)
RW-08					835.48		
	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
	10/17/2016	17.70	18.42	0.72		817.06	817.58
	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
RW-09					835.12		
	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
	10/17/2016	14.76	16.50	1.74		818.62	819.89
	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
RW-10					848.53		
	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
	10/17/2016	16.50	19.55	3.05		828.98	831.21
	10/9/2016	16.41	17.13	0.72		831.40	831.93

¹ Elevation of zero mark (ft amsl) for surface water staff gauges

² Calculated based on an oil:water density ratio of 0.73

amsl = above mean sea level

BTOC = below top of casing

ft = feet

NM = not measured

NS = elevation not yet surveyed



Pace Analytical Services, LLC
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November 04, 2016

Bill Waldron
CH2M HILL
1717 Arch St
Suite 4400
Glenside, PA 19038

RE: Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Dear Bill Waldron:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Bethany Garvey, CH2M HILL
Scott Powell, CH2M
Tom Wiley, CH2M



REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92317910001	SW11-103116	EPA 8260	GAW	10	PASI-C
92317910002	SW10-103116	EPA 8260	GAW	10	PASI-C
92317910003	FP03-103116	EPA 8260	GAW	10	PASI-C
92317910004	FP01-103116	EPA 8260	GAW	10	PASI-C
92317910005	FP02-103116	EPA 8260	GAW	10	PASI-C
92317910006	SW09-103116	EPA 8260	GAW	10	PASI-C
92317910007	SW08-103116	EPA 8260	GAW	10	PASI-C
92317910008	SW13-103116	EPA 8260	GAW	10	PASI-C
92317910009	SW04-103116	EPA 8260	GAW	10	PASI-C
92317910010	SW02-103116	EPA 8260	GAW	10	PASI-C
92317910011	SW01-103116	EPA 8260	GAW	10	PASI-C
92317910012	SW12-103116	EPA 8260	GAW	10	PASI-C
92317910013	SW03-103116	EPA 8260	GAW	10	PASI-C
92317910014	TB-103116	EPA 8260	GAW	10	PASI-C

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW11-103116		Lab ID: 92317910001		Collected: 10/31/16 09:25	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 20:11	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 20:11	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 20:11	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 20:11	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 20:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 20:11	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 20:11	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/01/16 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		11/01/16 20:11	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		11/01/16 20:11	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW10-103116								
Lab ID: 92317910002								
Collected: 10/31/16 09:40								
Received: 11/01/16 09:35								
Matrix: Water								
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 20:27	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 20:27	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 20:27	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 20:27	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 20:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 20:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 20:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/01/16 20:27	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		11/01/16 20:27	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 20:27	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220

Pace Project No.: 92317910

Sample: FP03-103116	Lab ID: 92317910003	Collected: 10/31/16 09:55	Received: 11/01/16 09:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		11/01/16 20:43	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 20:43	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 20:43	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 20:43	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 20:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 20:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 20:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		11/01/16 20:43	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		11/01/16 20:43	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 20:43	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: FP01-103116 Lab ID: 92317910004 Collected: 10/31/16 10:05 Received: 11/01/16 09:35 Matrix: Water								
8260 MSV Low Level SC Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 21:00	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 21:00	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 21:00	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 21:00	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 21:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 21:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 21:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		11/01/16 21:00	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		11/01/16 21:00	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 21:00	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No	Qual
Sample: FP02-103116		Lab ID: 92317910005		Collected: 10/31/16 10:20	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC		Analytical Method: EPA 8260						
Benzene	ND	ug/L	1.0	1		11/01/16 21:16	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 21:16	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 21:16	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 21:16	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 21:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 21:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 21:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/01/16 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		11/01/16 21:16	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/01/16 21:16	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW09-103116		Lab ID: 92317910006		Collected: 10/31/16 10:30	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 21:32	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 21:32	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 21:32	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 21:32	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 21:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 21:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 21:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		11/01/16 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		11/01/16 21:32	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/01/16 21:32	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW08-103116		Lab ID: 92317910007		Collected: 10/31/16 10:40	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC		Analytical Method: EPA 8260						
Benzene	ND	ug/L	1.0	1		11/01/16 21:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 21:47	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 21:47	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 21:47	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 21:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 21:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 21:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		11/01/16 21:47	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		11/01/16 21:47	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/01/16 21:47	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW13-103116		Lab ID: 92317910008		Collected: 10/31/16 10:50	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 22:03	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 22:03	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 22:03	91-20-3	
Toluene	2.0	ug/L	1.0	1		11/01/16 22:03	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 22:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 22:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 22:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/01/16 22:03	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		11/01/16 22:03	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 22:03	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220

Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW04-103116		Lab ID: 92317910009		Collected: 10/31/16 11:05	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC		Analytical Method: EPA 8260						
Benzene	ND	ug/L	1.0	1		11/01/16 22:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 22:19	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 22:19	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 22:19	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 22:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 22:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 22:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		11/01/16 22:19	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		11/01/16 22:19	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 22:19	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW02-103116		Lab ID: 92317910010		Collected: 10/31/16 11:10	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 22:35	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 22:35	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 22:35	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 22:35	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 22:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 22:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 22:35	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		11/01/16 22:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		11/01/16 22:35	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/01/16 22:35	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220

Pace Project No.: 92317910

Sample: SW01-103116	Lab ID: 92317910011	Collected: 10/31/16 11:25	Received: 11/01/16 09:35	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260							
Benzene	ND	ug/L	1.0	1		11/01/16 22:52	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 22:52	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 22:52	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 22:52	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 22:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 22:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 22:52	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		11/01/16 22:52	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		11/01/16 22:52	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 22:52	2037-26-5	

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ANALYTICAL RESULTS

Project KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW12-103116								
Lab ID: 92317910012								
Collected: 10/31/16 11:40								
Received: 11/01/16 09:35								
Matrix: Water								
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	165	ug/L	2.5	2.5		11/03/16 20:07	71-43-2	
Ethylbenzene	17.7	ug/L	2.5	2.5		11/03/16 20:07	100-41-4	
Naphthalene	4.7	ug/L	2.5	2.5		11/03/16 20:07	91-20-3	
Toluene	302	ug/L	2.5	2.5		11/03/16 20:07	108-88-3	
Xylene (Total)	161	ug/L	2.5	2.5		11/03/16 20:07	1330-20-7	
m&p-Xylene	103	ug/L	5.0	2.5		11/03/16 20:07	179601-23-1	
o-Xylene	58.2	ug/L	2.5	2.5		11/03/16 20:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	2.5		11/03/16 20:07	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	2.5		11/03/16 20:07	17060-07-0	
Toluene-d8 (S)	99	%	70-130	2.5		11/03/16 20:07	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: SW03-103116		Lab ID: 92317910013		Collected: 10/31/16 11:50	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 23:24	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 23:24	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 23:24	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 23:24	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 23:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 23:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 23:24	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		11/01/16 23:24	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		11/01/16 23:24	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		11/01/16 23:24	2037-26-5	

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ANALYTICAL RESULTS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: TB-103116		Lab ID: 92317910014		Collected: 10/31/16 00:00	Received: 11/01/16 09:35	Matrix: Water		
8260 MSV Low Level SC								
Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	1		11/01/16 18:03	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		11/01/16 18:03	100-41-4	
Naphthalene	ND	ug/L	1.0	1		11/01/16 18:03	91-20-3	
Toluene	ND	ug/L	1.0	1		11/01/16 18:03	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		11/01/16 18:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		11/01/16 18:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		11/01/16 18:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		11/01/16 18:03	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		11/01/16 18:03	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		11/01/16 18:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

QC Batch: 335295 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92317910001, 92317910002, 92317910003, 92317910004, 92317910005, 92317910006, 92317910007,
92317910008, 92317910009, 92317910010, 92317910011, 92317910013, 92317910014

METHOD BLANK: 1858792 Matrix: Water
Associated Lab Samples: 92317910001, 92317910002, 92317910003, 92317910004, 92317910005, 92317910006, 92317910007,
92317910008, 92317910009, 92317910010, 92317910011, 92317910013, 92317910014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	11/01/16 17:31	
Ethylbenzene	ug/L	ND	1.0	11/01/16 17:31	
m&p-Xylene	ug/L	ND	2.0	11/01/16 17:31	
Naphthalene	ug/L	ND	1.0	11/01/16 17:31	
o-Xylene	ug/L	ND	1.0	11/01/16 17:31	
Toluene	ug/L	ND	1.0	11/01/16 17:31	
Xylene (Total)	ug/L	ND	1.0	11/01/16 17:31	
1,2-Dichloroethane-d4 (S)	%	99	70-130	11/01/16 17:31	
4-Bromofluorobenzene (S)	%	100	70-130	11/01/16 17:31	
Toluene-d8 (S)	%	99	70-130	11/01/16 17:31	

LABORATORY CONTROL SAMPLE: 1858793

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.2	106	70-130	
Ethylbenzene	ug/L	50	51.3	103	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Naphthalene	ug/L	50	50.3	101	70-130	
o-Xylene	ug/L	50	50.9	102	70-130	
Toluene	ug/L	50	52.0	104	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 1858795

Parameter	Units	92317910013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	23.7	118	70-130	
Ethylbenzene	ug/L	ND	20	23.0	115	70-130	
m&p-Xylene	ug/L	ND	40	45.6	114	70-130	
Naphthalene	ug/L	ND	20	21.5	107	70-130	
o-Xylene	ug/L	ND	20	22.5	113	70-130	
Toluene	ug/L	ND	20	22.8	114	70-130	
1,2-Dichloroethane-d4 (S)	%				102	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				101	70-130	

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QUALITY CONTROL DATA

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

SAMPLE DUPLICATE: 1858794

Parameter	Units	92317910011 Result	Dup Result	RPD	Qualifiers
Benzene	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	105	103	2	
4-Bromofluorobenzene (S)	%	98	99	1	
Toluene-d8 (S)	%	99	99	0	

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QUALITY CONTROL DATA

Project: KINDERMORGAN-LEWIS DR. 669220
 Pace Project No.: 92317910

QC Batch: 335585 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level SC
 Associated Lab Samples: 92317910012

METHOD BLANK: 1860420 Matrix: Water
 Associated Lab Samples: 92317910012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	11/03/16 14:43	
Ethylbenzene	ug/L	ND	1.0	11/03/16 14:43	
m&p-Xylene	ug/L	ND	2.0	11/03/16 14:43	
Naphthalene	ug/L	ND	1.0	11/03/16 14:43	
o-Xylene	ug/L	ND	1.0	11/03/16 14:43	
Toluene	ug/L	ND	1.0	11/03/16 14:43	
Xylene (Total)	ug/L	ND	1.0	11/03/16 14:43	
1,2-Dichloroethane-d4 (S)	%	97	70-130	11/03/16 14:43	
4-Bromofluorobenzene (S)	%	98	70-130	11/03/16 14:43	
Toluene-d8 (S)	%	100	70-130	11/03/16 14:43	

LABORATORY CONTROL SAMPLE: 1860421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	49.9	100	70-130	
Ethylbenzene	ug/L	50	48.9	98	70-130	
m&p-Xylene	ug/L	100	98.8	99	70-130	
Naphthalene	ug/L	50	48.3	97	70-130	
o-Xylene	ug/L	50	49.4	99	70-130	
Toluene	ug/L	50	49.4	99	70-130	
Xylene (Total)	ug/L	150	148	99	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 1860422

Parameter	Units	92317977002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	6170	2000	8190	101	70-130	
Ethylbenzene	ug/L	1780	2000	4040	113	70-130	
m&p-Xylene	ug/L	8430	4000	13200	118	70-130	
Naphthalene	ug/L	563	2000	2710	107	70-130	
o-Xylene	ug/L	4840	2000	7190	117	70-130	
Toluene	ug/L	15300	2000	17000	84	70-130	
1,2-Dichloroethane-d4 (S)	%				95	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				96	70-130	

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QUALITY CONTROL DATA

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

SAMPLE DUPLICATE: 1860423

Parameter	Units	92318024007 Result	Dup Result	RPD	Qualifiers
Benzene	ug/L	1920	1880		2
Ethylbenzene	ug/L	ND	3.9J		
m&p-Xylene	ug/L	360	352		2
Naphthalene	ug/L	50.1	49.2		2
o-Xylene	ug/L	86.5	83.9		3
Toluene	ug/L	ND	ND		
Xylene (Total)	ug/L	446	436		2
1,2-Dichloroethane-d4 (S)	%	99	97		2
4-Bromofluorobenzene (S)	%	98	98		0
Toluene-d8 (S)	%	98	99		1

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KINDERMORGAN-LEWIS DR. 669220
Pace Project No.: 92317910

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92317910001	SW11-103116	EPA 8260	335295		
92317910002	SW10-103116	EPA 8260	335295		
92317910003	FP03-103116	EPA 8260	335295		
92317910004	FP01-103116	EPA 8260	335295		
92317910005	FP02-103116	EPA 8260	335295		
92317910006	SW09-103116	EPA 8260	335295		
92317910007	SW08-103116	EPA 8260	335295		
92317910008	SW13-103116	EPA 8260	335295		
92317910009	SW04-103116	EPA 8260	335295		
92317910010	SW02-103116	EPA 8260	335295		
92317910011	SW01-103116	EPA 8260	335295		
92317910012	SW12-103116	EPA 8260	335585		
92317910013	SW03-103116	EPA 8260	335295		
92317910014	TB-103116	EPA 8260	335295		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville

Sample Condition Upon Receipt

Client Name:

Chm

Project #

WO# : 92317910



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *mll/i*

Packing Material: Bubble Wrap Bubble Bags None Other: _____

Thermometer: IR Gun ID: *T1505* Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Correction Factor: Cooler Temp Corrected (°C): *40* Biological Tissue Frozen? Yes No N/A

Temp should be above freezing to 6°C

USDA Regulated Soil N/A, water sample

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

		Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8. Note if sediment is visible in the dissolved container
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <i>WT</i>		
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Sample Discrepancy: _____

Project Manager SCURF Review: *JJ*

Date: *11/2/16*

Project Manager SRF Review: *JJ*

Date: *11/2/16*

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers)

Projec

WO#: 92317910

PM: KRG

Due Date: 11/08/16

CLIENT: 92-KinderCH2

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (C+)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP3S-250 mL Plastic H2SO4 (pH < 2) (C+)	BP3N-250 mL Plastic HNO3 (pH < 2)	BP3Z-250 mL Plastic ZN Acetate & NaOH (>9)	BP3C-250 mL Plastic NaOH (pH > 12) (C+)	WGFLU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (C+)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (C+)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(C+)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Upp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	Cubitainer	VSGU-20 mL Scintillation vials (N/A)	GN	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
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10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

