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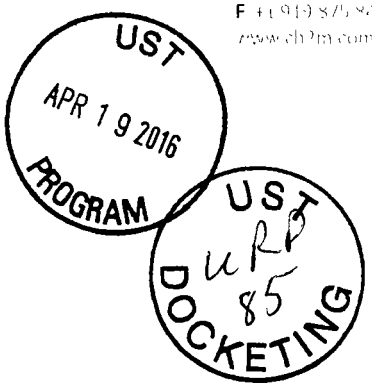

April 14, 2016

Delivered via FedEx

Ms. Bobbi Coleman
South Carolina Department of Health and Environmental Control
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 Report covering March 2016 for 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 Report including:
  - Figure 1 – Groundwater Elevation Map
  - Figure 2 – Product Thickness Map
  - Figure 3 – Surface Water Sampling Locations
  - Table 1 – Well Construction Information
  - Table 2 – Groundwater Elevation and Product Thickness Data
  - Table 3 – Water Quality Parameters for Surface Water
  - Table 4 – Analytical Results for Surface Water
  - Surface Water Analytical Lab Reports

Cc (via e-mail):
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File

Monthly Report
Plantation Pipe Line Company
Lewis Drive Release
Site ID #18693 "Kinder Morgan Belton Pipeline Release"
March 2016

Activities since Last Report

- Evacuated product/water from Trench RT-2 installed adjacent to Brown's Creek and groundwater from recovery sumps on a twice per week (usually Mon/Fri) schedule. Transferred product/water to a 21,000-gallon frac tank for on-site oil/water separation and delivery off-site to the locations indicated on the table below. No measureable volume of product has been recovered since the last report (dated 3/14/2015). Since February 2015, product recovery efforts have been focused on the trenches and recovery sumps and select wells that have contained the highest product levels. Recovered **209,023 gallons** (4,977 barrels) of product through the end of February 2016. Well construction information is presented in Table 1.
- Gauged depth to product and depth to water in recovery sumps, trenches, temporary wells, and recovery wells on a routine basis. During the monthly site-wide gauging event on March 11, 2016, 5 wells and sumps had product thicknesses of 0.5 foot or greater. The greatest product thickness was 3.46 feet in MW-20. Groundwater elevation and product thickness data are presented in Table 2 and on Figures 1 and 2.
- On March 15, we received a report via a cellphone video of expired fish collected around the Lewis "fishing pond" (that portion of Brown's Creek dammed by a man-made dam northwest of where Brown's Creek crosses underneath Lewis Drive). CH2M inspected the pond along with representatives from the South Carolina Department of Health and Environmental Control (SCDHEC) Bryan Ball, Josh McDowell, and Paul Wilke. The group assigned three new surface water sampling locations designated FP-01, FP-02, and FP-03 as shown on Figure 3. Neither BTEX constituents nor naphthalene were detected above the method detection limits in any of these three samples.
- From these new locations and 6 previous surface water sampling locations (SW-01, SW-02, SW-03, SW-07, SW-08, and SW-09), CH2M measured temperature, pH, conductivity, dissolved oxygen, total dissolved solids, turbidity, and oxygen reduction potential using a Horiba U-52 water quality meter. The water quality measurements (see Table 3) are in the range of average stream conditions and do not indicate petroleum impact.
- To date, 20 rounds of surface water samples have been analyzed for benzene, toluene, ethylbenzene, xylenes, and naphthalene (see Table 4).
    - Benzene, ethylbenzene, toluene, and xylenes were detected in surface water samples SW-01 and SW-02. Benzene levels (20.1 µg/L in SW-01 and 8 µg/L at SW-2) exceeded South Carolina's applicable surface water standard for benzene of 2.2 µg/L at these two locations (down from 5 locations last month). The benzene levels detected in SW-01 and SW-02 have decreased since last month.
    - Toluene and o-xylene were detected in sample SW-04, but not above their respective surface water standards.
    - No constituents were detected in the remaining surface water samples (including 3 additional samples collected in the fishing pond area).
- Responded to comments submitted by SCDHEC on February 12, February 23, and March 21, 2016.
- Due to excessive rainfall in November and December (over 10 inches in each month), groundwater elevations rose and product thicknesses have been depressed.
- Inspected Brown's Creek and Wetland #1 (Cupboard Creek) south of W Calhoun Road for sheen, odor, or distressed vegetation. None observed. The route of inspection is indicated on Figure 3.
- Since Plantation purchased the property at 112 Lewis Drive and vacated the residence there in January 2016, ambient air monitoring and soil vapor monitoring have been discontinued at the site.
- Issued monthly report to SCDHEC.

Future Activities

- Evacuate product from product recovery sumps, trenches, and select wells routinely.
- Gauge product recovery sumps, trenches, and wells routinely. Gauge 1-inch piezometers monthly.

- 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 11 pre-determined locations along Brown's Creek and Cupboard Creek.
- Continue development of Corrective Action Plan and Basis of Design Report.
- Conduct additional investigation activities to better define the dissolved plume.
- Continue coordination with landowners and legal counsel on an as-needed basis.
- Continue monthly reporting to SCDHEC.

Wildlife Issues

- None.

Cumulative Product Shipped

Date	Destination	Total Product (gal)
12/9/2014	PPL Greensboro	4,289
12/9/2014	PPL Greensboro	3,100
12/12/2014	PPL Greensboro	1,189
12/30/2014	Crystal Clean (FCC)	5,057
12/31/2014	Crystal Clean (FCC)	5,333
1/4/2015	Crystal Clean (FCC)	5,000
1/4/2015	Crystal Clean (FCC)	2,872
1/5/2015	Crystal Clean (FCC)	5,013
1/6/2015	Crystal Clean (FCC)	4,800
1/7/2015	Allied Energies	6,532
1/7/2015	Allied Energies	6,425
1/7/2015	Allied Energies	8,200
1/9/2015	Allied Energies	6,482
1/9/2015	Allied Energies	7,825
1/12/2015	Allied Energies	6,540
1/12/2015	Allied Energies	6,467
1/13/2015	Allied Energies	6,732
1/13/2015	Allied Energies	6,595
1/15/2015	Allied Energies	6,500
1/22/2015	Allied Energies	5,791
1/23/2015	Allied Energies	5,450
1/27/2015	Allied Energies	5,791
1/27/2015	Allied Energies	5,557
1/27/2015	Allied Energies	6,043
1/28/2015	Allied Energies	4,411
2/5/2015	Allied Energies	5,513
2/11/2015	Allied Energies	5,732
2/11/2015	Allied Energies	5,606
2/25/2015	Allied Energies	5,583
3/4/2015	Allied Energies	4,000
3/16/2015	Allied Energies	5,200
6/3/2015	Allied Energies	6,500
6/3/2015	Allied Energies	4,214
8/10/2015	Allied Energies	6,000
11/2/2015	Allied Energies	5,800

Date	Destination	Total Product (gal)
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
4/1/2016	To be determined	90
	Total (gallons)	**209,023**
	Total (barrels)	**4,977**

Notes:

1. Gasoline and water are being field-segregated using a 21,000 gallon frac tank.
2. No measureable volume of product has been recovered since the last status report.

Access Agreements

- Mr. Scott Lewis gave verbal approval to conduct needed response activities on his property. A formal access agreement has been submitted to Mr. Scott & Eric Lewis for consideration, but to date has not been formally executed.
- A formal access agreement was submitted to Mr. Patrick O'Dell on March 31, 2016 for consideration, but to date has not been formally executed. Mr. O'Dell has verbally expressed willingness to allow access.

Local Authorities On-Site

- Representatives from the SCDHEC water district (Bryan Ball [864-784-3515], Josh McDowell [864-276-7300], and Paul Wilke [864-260-5585]) conducted a scheduled inspection on March 15 & 16, 2016 to investigate reports of expired fish collected in the Lewis fishing pond. They did not find evidence of petroleum impacts to the fishing pond.
- The Anderson County Stormwater Department conducted a scheduled inspection on March 29, 2016. No deficiencies were noted.

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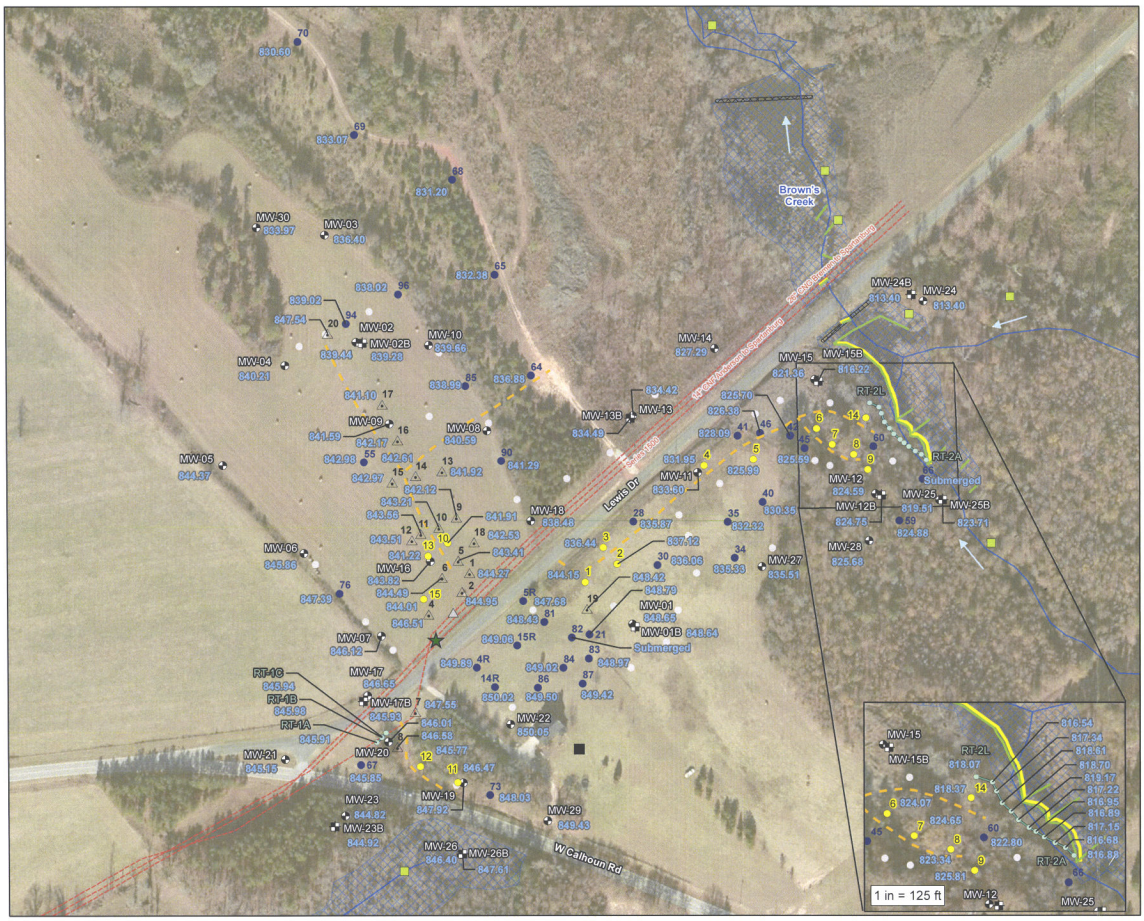

LEGEND

- Release Point
- Monitoring Well
- Bedrock Monitoring Well
- Recovery Sump
- Abandoned Recovery Sump
- Piezometer ("R" indicates Replacement)
- Abandoned Temporary Piezometer
- Recovery Well (4" diameter)
- Surface Water Sampling Location
- Septic Tank
- Recovery Trench Point
- Recovery Trench
- Surface Water Flow Direction
- Pipeline
- Soft Boom
- Hard Boom
- Stream (NHD)
- Delineated Wetland
- Beaver Dam
- Detail Area
- 840.22 Corrected Groundwater Elevation as of 3/11/2016 in feet above mean sea level
- NG Not Gauged

FIGURE 1. GROUNDWATER ELEVATION MAP
Lewis Drive Release, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

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LEGEND

- Release Point
- Monitoring Well
- Bedrock Monitoring Well
- Recovery Sump
- Abandoned Recovery Sump
- Piezometer ("R" indicates Replacement)
- Abandoned Temporary Piezometer
- Recovery Well (4" diameter)
- Surface Water Sampling Location
- Septic Tank
- Recovery Trench Point
- Recovery Trench
- Surface Water Flow Direction
- Pipeline
- Soft Boom
- Hard Boom
- Stream (NHD)
- Delineated Wetland
- Beaver Dam
- Detail Area

0.04 Product Thickness in feet as of 3/11/2016

NG Not Gauged

NP No Product detected

Source Data:
ESRI World Imagery Layer, 2015
USGS National Hydrography Dataset (NHD)

N

0 175 350

Scale in Feet

FIGURE 2. PRODUCT THICKNESS MAP
Lewis Drive Release, Belton, South Carolina
Site ID #18693 "Kinder Morgan Belton Pipeline Release"

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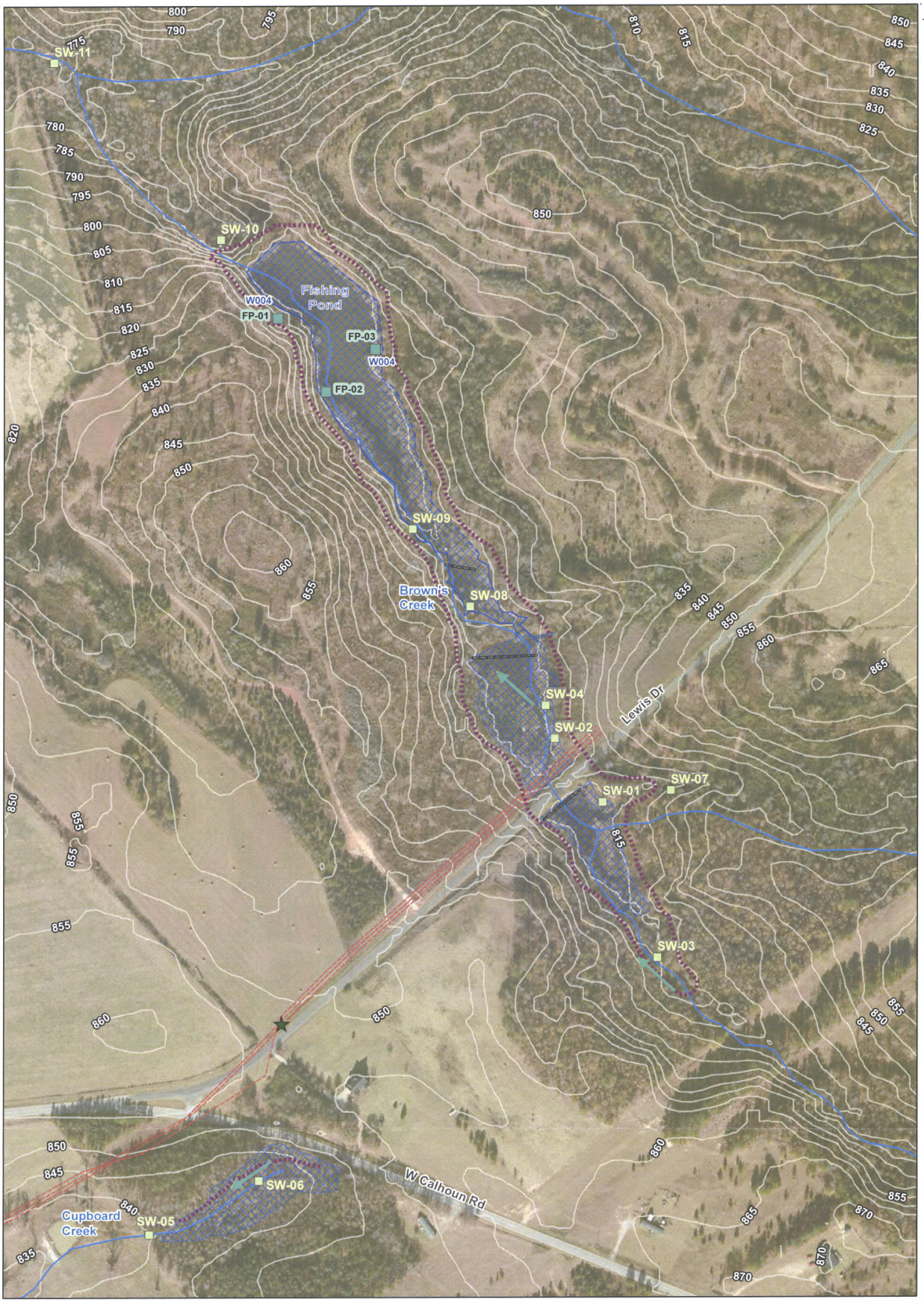

LEGEND

- Release Point
- Surface Water Sampling Location
- Fish Pond Surface Water Sampling Location
- Pipeline
- Inspection Route for Sheen or Distressed Vegetation
- Flow Direction of Creek
- Topographic Contour (5' Interval)
- National Hydrography Dataset Stream
- Delineated Wetland
- Beaver Dam

N

0 250 500
Scale in Feet

Base Map Source:
ESRI ArcMap World Imagery, 2015
USGS National Hydrography Dataset (NHD)

FIGURE 1
SURFACE WATER SAMPLING LOCATIONS
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 Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
Monitoring Wells																			
MW-01	CME 550 HSA	MW-10136	6/26/2015	Still in use	Monitoring Well/Gauging	850.25	853.07	15.65	8	2	13.00	837.2	5.82	15.82	3.0	13.0	847.2	837.2	10.00
MW-01B	Schramm Air Rig	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	850.45	852.99	44.50	10	6	38.50	812.0	21.03	41.03	18.5	38.5	832.0	812.0	20.00
MW-02	CME 750 HSA	MW-10136	6/25/2015	Still in use	Monitoring Well/Gauging	841.24	841.04	23.14	8	2	20.00	821.2	4.80	19.80	5.0	20.0	836.2	821.2	15.00
MW-02B	Schramm Air Rig	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	841.40	841.18	87.15	10	6	81.00	760.4	69.78	80.78	70.0	81.0	771.4	760.4	11.00
MW-03	CME 550 HSA	MW-10136	6/23/2015	Still in use	Monitoring Well/Gauging	838.38	838.36	22.19	8	2	20.00	818.4	4.98	19.98	5.0	20.0	833.4	818.4	15.00
MW-04	CME 550 HSA	MW-10136	6/23/2015	Still in use	Monitoring Well/Gauging	844.51	844.42	22.13	8	2	20.00	824.5	4.91	19.91	5.0	20.0	839.5	824.5	15.00
MW-05	CME 550 HSA	MW-10136	6/24/2015	Still in use	Monitoring Well/Gauging	851.15	851.11	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-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-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

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 Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
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	25
RW-09	HSA	MW-09978	2/3/2015	Still in use	Gauging/LNAPL Recovery	831.13	835.12	42.13	6.25	4	41.5	789.6	15.49	45.49	11.5	41.5	819.6	789.6	30
RW-10	HSA	MW-10006	2/4/2015	Still in use	Gauging/LNAPL Recovery	846.76	848.53	66.51	6.25	4	68.5	778.3	5.27	70.27	3.5	68.5	843.3	778.3	65
RW-11	HSA	MW-10006	2/4/2015	Still in use	Gauging/LNAPL Recovery	851.03	852.97	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	848.62	850.38	20.21	NA	4	18.45	830.2	3.76	20.21	2.0	18.4	846.6	830.2	16.45
RS-04	Trackhoe	MW-09978	12/30/2014	Still in use	Gauging/LNAPL Recovery	850.23	851.65	10.25	NA	4	8.83	841.4	3.42	10.25	2.0	8.8	848.2	841.4	6.83
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	847.87	850.97	25.18	NA	4	22.09	825.8	5.09	25.18	2.0	22.1	845.9	825.8	20.09
RS-07	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	854.20	856.29	16.78	NA	4	14.69	839.5	4.09	16.78	2.0	14.7	852.2	839.5	12.69
RS-08	Trackhoe	MW-09978	12/31/2014	Still in use	Gauging/LNAPL Recovery	852.70	855.19	20.22	NA	4	17.72	835.0	4.50	20.22	2.0	17.7	850.7	835.0	15.72
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	849.58	851.99	11.84	NA	4	9.91	839.7	3.93	11.84	2.0	9.9	847.6	839.7	7.91

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 Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
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
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-01	DPT	MW-09921	12/11/2014	12/22/2014	Gauging	853.87	853.87	6.85	2.2	1	7.2	846.7	1.85	6.85	2.2	7.2	851.7	846.7	5
TW-02	DPT	MW-09921	12/11/2014	12/22/2014	Gauging	854.54	854.54	14.09	2.2	1	14	840.5	9.09	14.09	9.0	14.1	845.5	840.4	5
TW-03	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	855.68	855.67	12.00	2.2	1	11.7	844.0	7.00	12.00	6.7	12.0	849.0	843.7	5
TW-04	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	852.77	852.77	5.15	2.2	1	5.5	847.3	2.15	5.15	2.5	5.1	850.3	847.6	3
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-05	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	849.94	849.94	9.00	2.2	1	9.3	840.6	4.00	9.00	4.3	9.0	845.6	840.9	5
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-06	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	848.08	848.08	15.00	2.2	1	15	833.1	5.00	15.00	5.0	15.0	843.1	833.1	10
TW-07	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	845.58	845.59	18.83	2.2	1	20	825.6	8.83	18.83	10.0	18.8	835.6	826.8	10
TW-08	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	847.51	847.51	19.98	2.2	1	21	826.5	9.98	19.98	11.0	20.0	836.5	827.5	10
TW-09	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	842.76	842.76	19.75	2.2	1	19	823.8	4.75	19.75	4.0	19.8	838.8	823.0	15
TW-10	DPT	MW-09921	12/12/2014	12/22/2014	Gauging	844.13	844.14	24.10	2.2	1	25	819.1	9.10	24.10	10.0	24.1	834.1	820.0	15
TW-11	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	853.74	853.96	14.97	2.2	1	15	838.7	11.97	14.97	12.0	14.7	841.7	839.0	3
TW-12	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	855.29	855.47	8.15	2.2	1	8	847.3	3.15	8.15	3.0	8.0	852.3	847.3	5
TW-13	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	853.99	854.07	10.00	2.2	1	10	844.0	5.00	10.00	5.0	9.9	849.0	844.1	5
TW-14	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	853.46	853.60	5.95	2.2	1	6.5	847.0	1.95	5.95	2.5	5.8	851.0	847.7	4
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-15	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	850.87	850.78	5.64	2.2	1	6	845.7	1.64	5.64	2.0	5.6	848.7	845.1	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-16	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	847.03	847.17	22.50	2.2	1	23	824.0	12.50	22.50	13.0	22.4	834.0	824.7	10
TW-17	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	845.12	845.31	20.98	2.2	1	25	820.1	10.98	20.98	15.0	20.8	830.1	824.3	10
TW-18	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	839.22	839.42	20.21	2.2	1	20.5	818.7	10.21	20.21	10.5	20.0	828.7	819.2	10
TW-19	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	844.48	844.64	21.15	2.2	1	21	823.5	11.15	21.15	11.0	21.0	833.5	823.5	10
TW-20	DPT	MW-09921	12/19/2014	12/22/2014	Gauging	852.45	852.55	22.30	2.2	1	22.7	829.7	12.30	22.30	12.7	22.2	839.7	830.2	10
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-22	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	850.85	851.79	10.92	2.2	1	10	840.8	5.92	10.92	5.0	10.0	845.8	840.9	5
TW-23	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	851.40	852.91	14.72	2.2	1	14	837.4	4.72	14.72	4.0	13.2	847.4	838.2	10
TW-24	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	852.44	854.13	17.41	2.2	1	16	836.4	12.41	17.41	11.0	15.7	841.4	836.7	5
TW-25	DPT	MW-09978	1/22/2015	10/19/2015	Gauging	849.83	851.92	10.25	2.2	1	8	841.8	5.25	10.25	3.0	8.2	846.8	841.7	5
TW-26	DPT	MW-09978	1/22/2015	1/28/2015	Gauging	849.55	850.30	12.57	2.2	1	11.00	838.6	7.57	12.57	6.0	11.8	843.6	837.7	5
TW-27	DPT	MW-09978	1/22/2015	1/29/2015	Gauging	850.09	851.93	31.30	2.2	1	31.00	819.1	11.30	31.30	11.0	29.5	839.1	820.6	20

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 Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
TW-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-29	DPT	MW-09978	1/23/2015	1/29/2015	Gauging	850.22	851.85	24.68	2.2	1	23.00	827.2	9.68	24.68	8.0	23.1	842.2	827.2	15
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-31	DPT	MW-09978	1/23/2015	10/19/2015	Gauging	854.28	856.07	20.04	2.2	1	16	838.3	10.04	20.04	6.0	18.3	848.3	836.0	10
TW-32	DPT	MW-09978	1/23/2015	10/19/2015	Gauging	854.54	856.19	30.05	2.2	1	26.5	828.0	10.05	30.05	6.5	28.4	848.0	826.1	20
TW-33	DPT	MW-09978	1/24/2015	10/19/2015	Gauging	852.90	854.48	23.03	2.2	1	21	831.9	8.03	23.03	6.0	21.5	846.9	831.4	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-36	DPT	MW-09978	1/24/2015	10/19/2015	Gauging	853.68	854.60	28.02	2.2	1	26	827.7	8.02	28.02	6.0	26.5	847.1	826.6	20
TW-37	DPT	MW-09978	1/24/2015	1/30/2015	Gauging	851.90	853.42	33.08	2.2	1	32.50	819.4	8.08	33.08	7.5	31.6	844.4	820.3	25
TW-38	DPT	MW-09978	1/24/2015	10/19/2015	Gauging	854.12	855.65	17.81	2.2	1	16	838.1	7.81	17.81	6.0	16.3	848.1	837.8	10
TW-39	DPT	MW-09978	1/24/2015	1/30/2015	Gauging	851.11	852.82	37.91	2.2	1	37.00	814.1	12.91	37.91	12.0	36.2	839.1	814.9	25
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-43	DPT	MW-09978	1/25/2015	10/19/2015	Gauging	845.62	847.83	46.84	2.2	1	40	805.6	21.84	46.84	15.0	44.6	830.6	801.0	25
TW-44	DPT	MW-09978	1/25/2015	10/20/2015	Gauging	847.64	850.52	21.60	2.2	1	18	829.6	11.60	21.60	8.0	18.7	839.6	828.9	10
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-47	DPT	MW-09978	1/26/2015	10/19/2015	Gauging	854.07	856.26	29.81	2.2	1	27	827.1	14.81	29.81	12.0	27.6	842.1	826.4	15
TW-48	DPT	MW-09978	1/26/2015	1/30/2015	Gauging	844.18	846.23	39.22	2.2	1	39.00	805.2	14.22	39.22	14.0	37.2	830.2	807.0	25
TW-49	DPT	MW-09978	1/27/2015	2/2/2015	Gauging	833.37	835.57	25.50	2.2	1	27.00	806.3	5.50	25.50	7.0	23.3	826.3	810.1	20
TW-50	DPT	MW-09978	1/27/2015	10/20/2015	Gauging	833.42	835.30	24.31	2.2	1	23	810.4	4.31	24.31	3.0	22.4	830.4	811.0	20
TW-51	DPT	MW-09978	1/27/2015	10/20/2015	Gauging	843.44	844.86	34.59	2.2	1	34	809.4	9.59	34.59	9.0	33.2	834.4	810.3	25
TW-52	DPT	MW-09978	1/28/2015	2/6/2015	Gauging	825.89	828.33	23.58	2.2	1	27.00	798.9	3.58	23.58	7.0	21.1	818.9	804.7	20
TW-53	DPT	MW-09978	1/29/2015	2/3/2015	Gauging	NS	NS	45.20	2.7	1	43.00	NS	5.20	45.20	3.0	43.0	NS	NS	40
TW-54	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	844.08	845.05	59.26	2.7	1	59	785.1	9.26	59.26	9.0	58.3	835.1	785.8	50
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-56	DPT	MW-09978	1/29/2015	10/20/2015	Gauging	844.16	846.91	20.23	2.2	1	17	827.2	10.23	20.23	7.0	17.5	837.2	826.7	10
TW-57	DPT	MW-09978	1/29/2015	2/2/2015	Gauging	NS	NS	40.22	2.2	1	39.80	NS	5.22	40.22	4.8	39.8	NS	NS	35
TW-58	DPT	MW-09978	1/30/2015	10/20/2015	Gauging	832.27	834.78	20.00	2.7	1	20	812.3	5.00	20.00	5.0	17.5	827.3	814.8	15
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-61	DPT	MW-09978	2/2/2015	10/20/2015	Gauging	846.08	847.50	10.25	2.2	1	9	837.1	5.25	10.25	4.0	8.8	842.1	837.3	5
TW-62	DPT	MW-09978	2/2/2015	10/19/2015	Gauging	850.87	851.45	40.40	2.2	1	35	815.9	10.40	40.40	5.0	39.8	845.9	811.0	30
TW-63	DPT	MW-09978	2/3/2015	10/20/2015	Gauging	822.86	826.89	41.30	2.7	1	37	780.9	1.30	41.30	2.0	37.8	820.9	785.1	40
TW-64	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.89	845.88	56.43	2.2	1	55	790.9	6.43	56.43	5.0	56.4	840.9	789.5	50
TW-65	DPT	MW-09978	2/2/2015	Still in use	Gauging	845.66	845.62	44.81	2.2	1	44.5	801.2	9.81	44.81	9.5	44.8	836.2	800.8	35
TW-66	DPT	MW-09978	2/2/2015	Still in use	Gauging	820.18	820.31	29.70	2.7	1	24	796.2	9.70	29.70	4.0	29.6	816.2	790.6	20
TW-67	DPT	MW-09978	2/3/2015	Still in use	Gauging	852.88	852.71	26.31	2.7	1	27	825.9	6.31	26.31	7.0	26.5	845.9	826.4	20
TW-68	DPT	MW-09978	2/3/2015	Still in use	Gauging	846.59	846.45	29.96	2.2	1	27	819.6	9.96	29.96	7.0	30.1	839.6	816.5	20
TW-69	DPT	MW-09978	2/3/2015	Still in use	Gauging	840.38	840.27	51.91	2.2	1	50	790.4	11.91	51.91	10.0	52.0	830.4	788.4	40
TW-70	DPT	MW-09978	2/3/2015	Still in use	Gauging	842.07	841.95	45.05	2.2	1	43	799.1	10.05	45.05	8.0	45.2	834.1	796.9	35
TW-71	DPT	MW-09978	2/3/2015	2/5/2015	Gauging	NS	NS	17.39	2.7	1	14.00	NS	7.39	17.39	4.0	14.0	NS	NS	10
TW-72	DPT	MW-09978	2/3/2015	10/20/2015	Gauging	850.21	851.48	6.51	2.7	1	9.00	841.2	1.51	6.51	4.0	5.2	846.2	845.0	5
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-74	DPT	MW-10005	2/4/2015	10/19/2015	Gauging	853.25	855.25	6.05	2.7	1	5	848.2	3.05	6.05	2.0	4.0	851.2	849.2	3
TW-75	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	853.01	854.73	27.56	2.7	1	26.5	826.5	7.56	27.56	6.5	25.8	846.5	827.2	20

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 Interval (ft BTOC)	Bottom of Screen or Open Borehole Interval (ft BTOC)	Top of Screen or Open Borehole Interval (ft bgs)	Bottom of Screen or Open Borehole Interval (ft bgs)	Top of Screen or Open Borehole Interval (ft amsl)	Bottom of Screen or Open Borehole Interval (ft amsl)	Length of Screen or Open Borehole Interval (ft)
TW-76	DPT	MW-10006	2/4/2015	Still in use	Gauging	852.48	854.32	43.62	2.7	1	43	809.5	8.62	43.62	8.0	41.8	844.5	810.7	35
TW-77	DPT	MW-10006	2/4/2015	10/20/2015	Gauging	853.55	853.71	6.30	2.2	1	6.5	847.1	2.30	6.30	2.5	6.1	851.1	847.4	4
TW-78	DPT	MW-10006	2/4/2015	10/20/2015	Gauging	854.00	854.17	6.95	2.2	1	7	847.0	2.95	6.95	3.0	6.8	851.0	847.2	4
TW-79	DPT	MW-10006	2/4/2015	10/19/2015	Gauging	852.83	854.19	41.20	2.7	1	40	812.8	11.20	41.20	10.0	39.8	842.8	813.0	30
TW-80	DPT	MW-10006	2/5/2015	10/20/2015	Gauging	849.45	849.65	7.00	2.2	1	7	842.4	2.00	7.00	2.0	6.8	847.4	842.6	5
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	853.38	853.10	6.00	2.2	1	6	847.4	2.00	6.00	2.0	6.3	851.4	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-88	DPT	MW-10006	2/5/2015	10/19/2015	Gauging	842.76	844.07	33.00	2.7	1	33	809.8	8.00	33.00	8.0	31.7	834.8	811.1	25
TW-89	DPT	MW-10006	2/5/2015	10/19/2015	Gauging	844.61	846.55	40.00	2.7	1	40	804.6	5.00	40.00	5.0	38.1	839.6	806.5	35
TW-90	DPT	MW-10006	2/6/2015	Still in use	Gauging	845.48	847.43	46.50	2.7	1	46.5	799.0	6.50	46.50	6.5	44.6	839.0	800.9	40
TW-91	DPT	MW-10006	2/6/2015	10/19/2015	Gauging	846.24	847.76	37.00	2.7	1	37	809.2	7.00	37.00	7.0	35.5	839.2	810.8	30
TW-92	DPT	MW-10006	2/10/2015	10/19/2015	Gauging	841.67	842.11	45.00	2.7	1	45	796.7	5.00	45.00	5.0	44.6	836.7	797.1	40
TW-93	DPT	MW-10006	2/10/2015	10/19/2015	Gauging	843.08	843.68	50.00	2.7	1	50	793.1	10.00	50.00	10.0	49.4	833.1	793.7	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-95	DPT	MW-10006	2/10/2015	10/19/2015	Gauging	840.26	840.44	45.00	2.7	1	45	795.3	15.00	45.00	15.0	44.8	825.3	795.4	30
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
TW-97	DPT	MW-10006	2/11/2015	10/19/2015	Gauging	841.39	844.27	42.00	2.7	1	42	799.4	12.00	42.00	12.0	38.6	829.4	802.8	30
TW-98	DPT	MW-10006	2/13/2015	10/20/2015	Gauging	847.68	847.99	27.00	2.7	1	27	820.7	2.00	27.00	2.0	26.7	845.7	821.0	25

Notes:

[1] Coordinates provided in South Carolina State Plane Coordinate System, North American Datum of 1983 (NAD83, 2011).

Grayed rows indicate wells that have been abandoned

amsl = above mean sea level relative to North American Vertical Datum of 1988 (NAVD88). Benchmark is 34 deg 49'44.27745" N, 82 deg 22'15.72744" W (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. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-01					853.07		
	3/28/2016	-	5.45	-		847.62	-
	3/24/2016	-	5.27	-		847.80	-
	3/21/2016	-	5.24	-		847.83	-
	3/18/2016	-	4.90	-		848.17	-
	3/14/2016	-	4.40	-		848.67	-
	3/11/2016	-	4.42	-		848.65	-
	3/7/2016	-	3.94	-		849.13	-
	3/4/2016	-	3.28	-		849.79	-
MW-01B					852.99		
	3/28/2016	-	5.12	-		847.87	-
	3/24/2016	-	4.70	-		848.29	-
	3/21/2016	-	4.67	-		848.32	-
	3/18/2016	-	4.50	-		848.49	-
	3/14/2016	-	4.38	-		848.61	-
	3/11/2016	-	4.35	-		848.64	-
	3/7/2016	-	4.21	-		848.78	-
	3/4/2016	-	4.25	-		848.74	-
MW-02					841.04		
	3/28/2016	-	2.45	-		838.59	-
	3/24/2016	-	2.36	-		838.68	-
	3/21/2016	-	2.33	-		838.71	-
	3/18/2016	-	2.16	-		838.88	-
	3/14/2016	-	1.72	-		839.32	-
	3/11/2016	-	1.60	-		839.44	-
	3/7/2016	-	1.38	-		839.66	-
	3/4/2016	-	1.24	-		839.80	-
MW-02B					841.18		
	3/28/2016	-	3.07	-		838.11	-
	3/24/2016	-	2.57	-		838.61	-
	3/21/2016	-	2.53	-		838.65	-
	3/18/2016	-	2.26	-		838.92	-
	3/14/2016	-	2.00	-		839.18	-
	3/11/2016	-	1.90	-		839.28	-
	3/7/2016	-	1.62	-		839.56	-
	3/4/2016	-	1.73	-		839.45	-
MW-03					838.36		
	3/28/2016	-	2.74	-		835.62	-
	3/24/2016	-	2.63	-		835.73	-
	3/21/2016	-	2.60	-		835.76	-
	3/18/2016	-	1.32	-		837.04	-
	3/14/2016	-	2.08	-		836.28	-
	3/11/2016	-	1.96	-		836.40	-
	3/7/2016	-	1.74	-		836.62	-
	3/4/2016	-	1.63	-		836.73	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-04					844.42		
	3/28/2016	-	5.10	-		839.32	-
	3/24/2016	-	4.94	-		839.48	-
	3/21/2016	-	4.90	-		839.52	-
	3/18/2016	-	4.65	-		839.77	-
	3/14/2016	-	4.19	-		840.23	-
	3/11/2016	-	4.21	-		840.21	-
	3/7/2016	-	3.91	-		840.51	-
	3/4/2016	-	3.74	-		840.68	-
MW-05					851.11		
	3/28/2016	-	7.65	-		843.46	-
	3/24/2016	-	7.44	-		843.67	-
	3/21/2016	-	7.40	-		843.71	-
	3/18/2016	-	7.15	-		843.96	-
	3/14/2016	-	6.71	-		844.40	-
	3/11/2016	-	6.74	-		844.37	-
	3/7/2016	-	6.48	-		844.63	-
	3/4/2016	-	6.41	-		844.70	-
MW-06					852.92		
	3/28/2016	-	7.76	-		845.16	-
	3/24/2016	-	7.58	-		845.34	-
	3/21/2016	-	7.55	-		845.37	-
	3/18/2016	-	7.35	-		845.57	-
	3/14/2016	-	7.11	-		845.81	-
	3/11/2016	-	7.06	-		845.86	-
	3/7/2016	-	6.95	-		845.97	-
	3/4/2016	-	6.88	-		846.04	-
MW-07					853.02		
	3/28/2016	-	7.43	-		845.59	-
	3/24/2016	-	7.29	-		845.73	-
	3/21/2016	-	7.26	-		845.76	-
	3/18/2016	-	7.11	-		845.91	-
	3/14/2016	-	6.91	-		846.11	-
	3/11/2016	-	6.90	-		846.12	-
	3/7/2016	-	6.74	-		846.28	-
	3/4/2016	-	6.73	-		846.29	-
MW-08					844.72		
	3/28/2016	-	4.91	-		839.81	-
	3/24/2016	-	5.73	-		838.99	-
	3/21/2016	-	5.69	-		839.03	-
	3/18/2016	-	5.15	-		839.57	-
	3/14/2016	-	4.57	-		840.15	-
	3/11/2016	-	4.13	-		840.59	-
	3/7/2016	-	3.08	-		841.64	-
	3/4/2016	-	2.79	-		841.93	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-09					843.63		
	3/28/2016	1.93	5.10	3.17		838.53	840.85
	3/24/2016	1.93	5.19	3.26		838.44	840.82
	3/21/2016	1.70	5.16	3.46		838.47	841.00
	3/18/2016	1.45	4.89	3.44		838.74	841.25
	3/14/2016	1.27	4.67	3.40		838.96	841.44
	3/11/2016	1.12	4.55	3.43		839.08	841.59
	3/7/2016	0.85	4.28	3.43		839.35	841.86
	3/4/2016	0.80	4.16	3.36		839.47	841.92
MW-10					845.41		
	3/28/2016	-	6.98	-		838.43	-
	3/24/2016	-	6.75	-		838.66	-
	3/21/2016	-	6.73	-		838.68	-
	3/18/2016	-	6.27	-		839.14	-
	3/14/2016	-	5.82	-		839.59	-
	3/11/2016	-	5.75	-		839.66	-
	3/7/2016	-	5.45	-		839.96	-
	3/4/2016	-	5.14	-		840.27	-
MW-11					855.63		
	3/28/2016	-	22.49	-		833.14	-
	3/24/2016	-	22.40	-		833.23	-
	3/21/2016	-	22.38	-		833.25	-
	3/18/2016	-	22.20	-		833.43	-
	3/14/2016	-	22.01	-		833.62	-
	3/11/2016	-	22.03	-		833.60	-
	3/7/2016	-	22.08	-		833.55	-
	3/4/2016	-	22.00	-		833.63	-
MW-12					834.53		
	3/28/2016	9.97	10.68	0.71		823.85	824.37
	3/24/2016	10.03	10.92	0.89		823.61	824.26
	3/21/2016	10.00	10.89	0.89		823.64	824.29
	3/18/2016	9.88	10.75	0.87		823.78	824.42
	3/14/2016	9.75	10.50	0.75		824.03	824.58
	3/11/2016	9.74	10.50	0.76		824.03	824.59
	3/7/2016	9.68	10.37	0.69		824.16	824.67
	3/4/2016	9.58	10.40	0.82		824.13	824.73
MW-12B					834.98		
	3/28/2016	-	10.46	-		824.52	-
	3/21/2016	-	10.51	-		824.47	-
	3/18/2016	-	10.40	-		824.58	-
	3/14/2016	-	10.21	-		824.77	-
	3/11/2016	-	10.23	-		824.75	-
	3/7/2016	-	10.16	-		824.82	-
	3/4/2016	-	9.89	-		825.09	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-13					848.84		
	3/28/2016	-	14.93	-		833.91	-
	3/24/2016	-	14.84	-		834.00	-
	3/21/2016	-	14.80	-		834.04	-
	3/18/2016	-	14.62	-		834.22	-
	3/14/2016	-	14.46	-		834.38	-
	3/11/2016	-	14.42	-		834.42	-
	3/7/2016	-	14.40	-		834.44	-
	3/4/2016	-	14.35	-		834.49	-
MW-13B					849.82		
	3/28/2016	-	15.85	-		833.97	-
	3/21/2016	-	15.72	-		834.10	-
	3/18/2016	-	15.54	-		834.28	-
	3/14/2016	-	15.39	-		834.43	-
	3/11/2016	-	15.33	-		834.49	-
	3/7/2016	-	15.35	-		834.47	-
	3/4/2016	-	15.27	-		834.55	-
MW-14					838.70		
	3/28/2016	-	11.90	-		826.80	-
	3/24/2016	-	11.84	-		826.86	-
	3/21/2016	-	11.82	-		826.88	-
	3/18/2016	-	11.69	-		827.01	-
	3/14/2016	-	11.45	-		827.25	-
	3/11/2016	-	11.41	-		827.29	-
	3/7/2016	-	11.19	-		827.51	-
	3/4/2016	-	11.15	-		827.55	-
MW-15					831.03		
	3/28/2016	-	9.71	-		821.32	-
	3/24/2016	-	9.95	-		821.08	-
	3/21/2016	-	9.91	-		821.12	-
	3/18/2016	-	9.82	-		821.21	-
	3/14/2016	-	9.66	-		821.37	-
	3/11/2016	-	9.67	-		821.36	-
	3/7/2016	-	9.61	-		821.42	-
	3/4/2016	-	9.48	-		821.55	-
MW-15B					831.29		
	3/28/2016	-	15.15	-		816.14	-
	3/24/2016	-	15.21	-		816.08	-
	3/21/2016	-	15.18	-		816.11	-
	3/18/2016	-	15.12	-		816.17	-
	3/14/2016	-	15.06	-		816.23	-
	3/11/2016	-	15.07	-		816.22	-
	3/7/2016	-	15.10	-		816.19	-
	3/4/2016	-	15.07	-		816.22	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-16					847.67		
	3/28/2016	4.50	4.60	0.10		843.07	843.14
	3/24/2016	4.40	4.50	0.10		843.17	843.24
	3/21/2016	4.35	4.45	0.10		843.22	843.29
	3/18/2016	4.07	4.17	0.10		843.50	843.57
	3/14/2016	3.82	3.94	0.12		843.73	843.81
	3/11/2016	3.83	3.90	0.07		843.77	843.82
	3/7/2016	3.90	4.00	0.10		843.67	843.74
	3/4/2016	3.81	3.92	0.11		843.75	843.83
MW-17					855.35		
	3/28/2016	-	9.20	-		846.15	-
	3/24/2016	-	9.98	-		845.37	-
	3/21/2016	-	9.02	-		846.33	-
	3/18/2016	-	8.90	-		846.45	-
	3/14/2016	-	8.75	-		846.60	-
	3/11/2016	-	8.70	-		846.65	-
	3/7/2016	-	8.70	-		846.65	-
	3/4/2016	-	8.60	-		846.75	-
MW-17B					855.37		
	3/28/2016	-	10.02	-		845.35	-
	3/21/2016	-	9.87	-		845.50	-
	3/18/2016	-	9.70	-		845.67	-
	3/14/2016	-	9.45	-		845.92	-
	3/11/2016	-	9.44	-		845.93	-
	3/7/2016	-	9.44	-		845.93	-
	3/4/2016	-	9.32	-		846.05	-
MW-18					846.89		
	3/28/2016	7.66	10.58	2.92		836.31	838.44
	3/24/2016	7.68	10.37	2.69		836.52	838.48
	3/21/2016	7.63	10.35	2.72		836.54	838.52
	3/18/2016	7.78	10.51	2.73		836.38	838.37
	3/14/2016	7.70	10.20	2.50		836.69	838.51
	3/11/2016	7.70	10.30	2.60		836.59	838.48
	3/7/2016	7.55	10.10	2.55		836.79	838.65
	3/4/2016	7.50	10.04	2.54		836.85	838.70
MW-19					853.94		
	3/28/2016	-	6.85	-		847.09	-
	3/24/2016	-	6.68	-		847.26	-
	3/21/2016	-	6.65	-		847.29	-
	3/18/2016	-	6.38	-		847.56	-
	3/14/2016	-	6.05	-		847.89	-
	3/11/2016	-	6.02	-		847.92	-
	3/7/2016	-	5.80	-		848.14	-
	3/4/2016	-	5.11	-		848.83	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-20					852.89		
	3/28/2016	6.32	8.94	2.62		843.95	845.86
	3/24/2016	6.60	10.50	3.90		842.39	845.23
	3/21/2016	6.55	9.90	3.35		842.99	845.43
	3/18/2016	6.24	9.80	3.56		843.09	845.68
	3/14/2016	5.92	9.31	3.39		843.58	846.05
	3/11/2016	5.94	9.40	3.46		843.49	846.01
	3/7/2016	5.87	9.68	3.81		843.21	845.99
	3/4/2016	5.53	9.23	3.70		843.66	846.36
MW-21					855.77		
	3/28/2016	-	10.95	-		844.82	-
	3/24/2016	-	11.15	-		844.62	-
	3/21/2016	-	11.12	-		844.65	-
	3/18/2016	-	10.90	-		844.87	-
	3/14/2016	-	10.61	-		845.16	-
	3/11/2016	-	10.62	-		845.15	-
	3/7/2016	-	10.57	-		845.20	-
	3/4/2016	-	10.34	-		845.43	-
MW-22					854.60		
	3/28/2016	-	5.80	-		848.80	-
	3/24/2016	-	5.76	-		848.84	-
	3/21/2016	-	5.71	-		848.89	-
	3/18/2016	-	5.05	-		849.55	-
	3/14/2016	-	4.77	-		849.83	-
	3/11/2016	-	4.55	-		850.05	-
	3/7/2016	-	-	-		854.60	-
	3/4/2016	-	4.02	-		850.58	-
MW-23					849.57		
	3/28/2016	-	4.96	-		844.61	-
	3/24/2016	-	5.28	-		844.29	-
	3/21/2016	-	5.25	-		844.32	-
	3/18/2016	-	5.02	-		844.55	-
	3/14/2016	-	4.70	-		844.87	-
	3/11/2016	-	4.75	-		844.82	-
	3/7/2016	-	4.70	-		844.87	-
	3/4/2016	-	4.94	-		844.63	-
MW-23B					849.69		
	3/28/2016	-	5.22	-		844.47	-
	3/24/2016	-	5.06	-		844.63	-
	3/21/2016	-	5.00	-		844.69	-
	3/18/2016	-	4.92	-		844.77	-
	3/14/2016	-	4.75	-		844.94	-
	3/11/2016	-	4.77	-		844.92	-
	3/7/2016	-	4.70	-		844.99	-
	3/4/2016	-	4.70	-		844.99	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-24					817.92		
	3/28/2016	-	4.35	-		813.57	-
	3/24/2016	-	4.71	-		813.21	-
	3/21/2016	-	4.67	-		813.25	-
	3/18/2016	-	4.58	-		813.34	-
	3/14/2016	-	4.50	-		813.42	-
	3/11/2016	-	4.52	-		813.40	-
	3/7/2016	-	4.53	-		813.39	-
	3/4/2016	-	4.49	-		813.43	-
MW-24B					818.72		
	3/28/2016	-	5.23	-		813.49	-
	3/24/2016	-	5.45	-		813.27	-
	3/21/2016	-	5.40	-		813.32	-
	3/18/2016	-	5.36	-		813.36	-
	3/14/2016	-	5.30	-		813.42	-
	3/11/2016	-	5.32	-		813.40	-
	3/7/2016	-	5.34	-		813.38	-
	3/4/2016	-	5.32	-		813.40	-
MW-25					826.18		
	3/28/2016	-	6.70	-		819.48	-
	3/21/2016	-	6.75	-		819.43	-
	3/18/2016	-	6.72	-		819.46	-
	3/14/2016	-	6.67	-		819.51	-
	3/11/2016	-	6.67	-		819.51	-
	3/7/2016	-	6.63	-		819.55	-
	3/4/2016	-	6.61	-		819.57	-
MW-25B					823.81		
	3/28/2016	-	0.92	-		822.89	-
	3/21/2016	-	0.70	-		823.11	-
	3/18/2016	-	0.20	-		823.61	-
	3/14/2016	-	0.10	-		823.71	-
	3/11/2016	-	0.10	-		823.71	-
	3/7/2016	-	0.10	-		823.71	-
	3/4/2016	-	0.10	-		823.71	-
MW-26					847.56		
	3/28/2016	-	1.50	-		846.06	-
	3/21/2016	-	1.60	-		845.96	-
	3/18/2016	-	1.42	-		846.14	-
	3/14/2016	-	1.10	-		846.46	-
	3/11/2016	-	1.16	-		846.40	-
	3/7/2016	-	1.15	-		846.41	-
	3/4/2016	-	0.99	-		846.57	-
MW-26B					847.81		
	3/28/2016	-	1.72	-		846.09	-
	3/21/2016	-	1.25	-		846.56	-
	3/18/2016	-	0.98	-		846.83	-
	3/14/2016	-	0.20	-		847.61	-
	3/11/2016	-	0.20	-		847.61	-
	3/7/2016	-	0.20	-		847.61	-
	3/4/2016	-	0.25	-		847.56	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
MW-27					854.11		
	3/28/2016	-	-	-		854.11	-
	3/21/2016	-	19.03	-		835.08	-
	3/18/2016	-	18.85	-		835.26	-
	3/14/2016	-	18.63	-		835.48	-
	3/11/2016	-	18.60	-		835.51	-
	3/7/2016	-	18.55	-		835.56	-
	3/4/2016	-	18.50	-		835.61	-
MW-28					844.31		
	3/28/2016	-	18.96	-		825.35	-
	3/21/2016	-	19.00	-		825.31	-
	3/18/2016	-	18.84	-		825.47	-
	3/14/2016	-	18.61	-		825.70	-
	3/11/2016	-	18.63	-		825.68	-
	3/7/2016	-	18.58	-		825.73	-
	3/4/2016	-	18.46	-		825.85	-
MW-29					852.20		
	3/28/2016	-	3.65	-		848.55	-
	3/21/2016	-	3.66	-		848.54	-
	3/18/2016	-	3.24	-		848.96	-
	3/14/2016	-	2.81	-		849.39	-
	3/11/2016	-	2.77	-		849.43	-
	3/7/2016	-	2.10	-		850.10	-
	3/4/2016	-	2.17	-		850.03	-
MW-30					841.28		
	3/28/2016	-	7.97	-		833.31	-
	3/21/2016	-	7.91	-		833.37	-
	3/18/2016	-	7.70	-		833.58	-
	3/14/2016	-	7.41	-		833.87	-
	3/11/2016	-	7.31	-		833.97	-
	3/7/2016	-	7.08	-		834.20	-
	3/4/2016	-	6.85	-		834.43	-
RS-01					850.33		
	3/28/2016	-	7.02	-		843.31	-
	3/24/2016	6.13	6.21	0.08		844.12	844.18
	3/21/2016	5.67	5.85	0.18		844.48	844.61
	3/18/2016	6.37	6.55	0.18		843.78	843.91
	3/14/2016	6.06	6.25	0.19		844.08	844.22
	3/11/2016	6.02	6.18	0.16		844.15	844.27
	3/7/2016	5.84	6.10	0.26		844.23	844.42
	3/4/2016	5.70	5.90	0.20		844.43	844.58
RS-02					850.38		
	3/28/2016	6.34	6.42	0.08		843.96	844.01
	3/24/2016	8.81	8.97	0.16		841.41	841.52
	3/21/2016	5.05	5.16	0.11		845.22	845.30
	3/18/2016	5.75	5.86	0.11		844.52	844.60
	3/14/2016	5.41	5.55	0.14		844.83	844.93
	3/11/2016	5.38	5.54	0.16		844.84	844.95
	3/7/2016	5.17	5.32	0.15		845.06	845.17
	3/4/2016	5.00	5.15	0.15		845.23	845.34

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RS-04					851.65		
	3/28/2016	-	7.03	-		844.62	-
	3/24/2016	-	6.67	-		844.98	-
	3/21/2016	-	6.46	-		845.19	-
	3/18/2016	-	5.81	-		845.84	-
	3/14/2016	-	5.27	-		846.38	-
	3/11/2016	-	5.14	-		846.51	-
	3/7/2016	-	4.95	-		846.70	-
	3/4/2016	-	4.76	-		846.89	-
RS-05					848.55		
	3/28/2016	5.85	5.87	0.02		842.68	842.69
	3/24/2016	5.75	5.77	0.02		842.78	842.79
	3/21/2016	5.66	5.68	0.02		842.87	842.88
	3/18/2016	5.39	5.42	0.03		843.13	843.15
	3/14/2016	5.07	5.27	0.20		843.28	843.42
	3/11/2016	5.08	5.28	0.20		843.27	843.41
	3/7/2016	5.05	5.24	0.19		843.31	843.45
	3/4/2016	4.95	5.15	0.20		843.40	843.54
RS-06					850.97		
	3/28/2016	7.22	7.32	0.10		843.65	843.72
	3/24/2016	7.02	7.17	0.15		843.80	843.91
	3/21/2016	7.00	7.15	0.15		843.82	843.93
	3/18/2016	6.72	6.87	0.15		844.10	844.21
	3/14/2016	6.40	6.67	0.27		844.30	844.50
	3/11/2016	6.40	6.70	0.30		844.27	844.49
	3/7/2016	6.30	6.62	0.32		844.35	844.58
	3/4/2016	6.18	6.60	0.42		844.37	844.68
RS-07					856.29		
	3/28/2016	9.25	9.40	0.15		846.89	847.00
	3/24/2016	9.34	9.50	0.16		846.79	846.91
	3/21/2016	9.30	9.46	0.16		846.83	846.95
	3/18/2016	9.03	9.20	0.17		847.09	847.21
	3/14/2016	8.68	8.83	0.15		847.46	847.57
	3/11/2016	8.70	8.86	0.16		847.43	847.55
	3/7/2016	8.65	8.78	0.13		847.51	847.60
	3/4/2016	8.35	8.48	0.13		847.81	847.90
RS-08					855.19		
	3/28/2016	8.78	8.94	0.16		846.25	846.37
	3/24/2016	9.00	9.05	0.05		846.14	846.18
	3/21/2016	8.95	10.20	1.25		844.99	845.91
	3/18/2016	-	8.93	-		846.26	-
	3/14/2016	-	8.57	-		846.62	-
	3/11/2016	-	8.61	-		846.58	-
	3/7/2016	-	8.58	-		846.61	-
	3/4/2016	-	8.23	-		846.96	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RS-09					849.12		
	3/28/2016	-	7.70	-		841.42	-
	3/24/2016	-	7.56	-		841.56	-
	3/21/2016	-	7.51	-		841.61	-
	3/18/2016	-	7.38	-		841.74	-
	3/14/2016	-	7.00	-		842.12	-
	3/11/2016	-	7.00	-		842.12	-
	3/7/2016	-	7.02	-		842.10	-
	3/4/2016	6.94	6.95	0.01		842.17	842.18
RS-10					847.52		
	3/28/2016	-	4.86	-		842.66	-
	3/24/2016	-	4.79	-		842.73	-
	3/21/2016	-	4.76	-		842.76	-
	3/18/2016	-	4.51	-		843.01	-
	3/14/2016	-	4.23	-		843.29	-
	3/11/2016	-	4.31	-		843.21	-
	3/7/2016	-	4.34	-		843.18	-
	3/4/2016	-	4.28	-		843.24	-
RS-11					848.41		
	3/28/2016	-	5.50	-		842.91	-
	3/24/2016	5.33	5.34	0.01		843.07	843.08
	3/21/2016	5.29	5.30	0.01		843.11	843.12
	3/18/2016	-	5.08	-		843.33	-
	3/14/2016	-	4.85	-		843.56	-
	3/11/2016	-	4.85	-		843.56	-
	3/7/2016	-	4.95	-		843.46	-
	3/4/2016	-	4.95	-		843.46	-
RS-12					848.87		
	3/28/2016	-	5.92	-		842.95	-
	3/24/2016	-	5.83	-		843.04	-
	3/21/2016	-	5.80	-		843.07	-
	3/18/2016	-	5.58	-		843.29	-
	3/14/2016	-	5.30	-		843.57	-
	3/11/2016	-	5.36	-		843.51	-
	3/7/2016	-	5.40	-		843.47	-
	3/4/2016	5.38	5.42	0.04		843.45	843.48
RS-13					848.28		
	3/28/2016	-	7.90	-		840.38	-
	3/24/2016	-	7.18	-		841.10	-
	3/21/2016	-	7.15	-		841.13	-
	3/18/2016	-	6.81	-		841.47	-
	3/14/2016	-	6.50	-		841.78	-
	3/11/2016	-	6.36	-		841.92	-
	3/7/2016	-	6.05	-		842.23	-
	3/4/2016	-	5.92	-		842.36	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RS-14					846.92		
	3/28/2016	-	4.76	-		842.16	-
	3/24/2016	-	4.67	-		842.25	-
	3/21/2016	-	4.63	-		842.29	-
	3/18/2016	-	4.43	-		842.49	-
	3/14/2016	-	4.22	-		842.70	-
	3/11/2016	-	4.31	-		842.61	-
	3/7/2016	-	4.05	-		842.87	-
	3/4/2016	-	3.95	-		842.97	-
RS-15					848.97		
	3/28/2016	-	6.43	-		842.54	-
	3/24/2016	-	6.45	-		842.52	-
	3/21/2016	-	6.40	-		842.57	-
	3/18/2016	-	6.19	-		842.78	-
	3/14/2016	-	5.95	-		843.02	-
	3/11/2016	-	6.00	-		842.97	-
	3/7/2016	-	5.88	-		843.09	-
	3/4/2016	-	5.85	-		843.12	-
RS-16					846.77		
	3/28/2016	-	5.16	-		841.61	-
	3/24/2016	-	5.15	-		841.62	-
	3/21/2016	-	5.12	-		841.65	-
	3/18/2016	-	4.90	-		841.87	-
	3/14/2016	-	4.62	-		842.15	-
	3/11/2016	-	4.60	-		842.17	-
	3/7/2016	-	4.40	-		842.37	-
	3/4/2016	-	4.12	-		842.65	-
RS-17					845.15		
	3/28/2016	-	4.12	-		841.03	-
	3/24/2016	-	4.73	-		840.42	-
	3/21/2016	-	4.69	-		840.46	-
	3/18/2016	-	4.45	-		840.70	-
	3/14/2016	-	3.96	-		841.19	-
	3/11/2016	-	4.05	-		841.10	-
	3/7/2016	-	3.77	-		841.38	-
	3/4/2016	-	3.10	-		842.05	-
RS-18					848.59		
	3/28/2016	-	5.70	-		842.89	-
	3/24/2016	-	6.74	-		841.85	-
	3/21/2016	-	6.70	-		841.89	-
	3/18/2016	-	6.39	-		842.20	-
	3/14/2016	-	6.13	-		842.46	-
	3/11/2016	-	6.06	-		842.53	-
	3/7/2016	-	5.93	-		842.66	-
	3/4/2016	-	5.95	-		842.64	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RS-19					852.37		
	3/28/2016	-	4.12	-		848.25	-
	3/24/2016	-	4.77	-		847.60	-
	3/21/2016	-	4.74	-		847.63	-
	3/18/2016	-	4.48	-		847.89	-
	3/14/2016	-	3.73	-		848.64	-
	3/11/2016	-	3.95	-		848.42	-
	3/7/2016	-	3.21	-		849.16	-
	3/4/2016	-	2.79	-		849.58	-
RS-20					851.99		
	3/28/2016	-	5.37	-		846.62	-
	3/24/2016	-	5.16	-		846.83	-
	3/21/2016	-	5.12	-		846.87	-
	3/18/2016	-	4.81	-		847.18	-
	3/14/2016	-	4.47	-		847.52	-
	3/11/2016	-	4.45	-		847.54	-
	3/7/2016	-	4.15	-		847.84	-
	3/4/2016	-	3.76	-		848.23	-
RT-1A					856.21		
	3/28/2016	10.36	10.68	0.32		845.53	845.76
	3/24/2016	8.00	11.00	3.00		845.21	847.40
	3/21/2016	10.78	11.10	0.32		845.11	845.34
	3/18/2016	10.51	10.88	0.37		845.33	845.60
	3/14/2016	10.16	10.48	0.32		845.73	845.96
	3/11/2016	10.20	10.57	0.37		845.64	845.91
	3/7/2016	10.20	10.50	0.30		845.71	845.93
	3/4/2016	9.86	10.16	0.30		846.05	846.27
RT-1B					857.30		
	3/28/2016	11.38	11.65	0.27		845.65	845.84
	3/24/2016	11.76	12.01	0.25		845.29	845.47
	3/21/2016	11.79	12.10	0.31		845.20	845.42
	3/18/2016	11.53	11.86	0.33		845.44	845.68
	3/14/2016	11.19	11.50	0.31		845.80	846.02
	3/11/2016	11.22	11.56	0.34		845.74	845.98
	3/7/2016	11.20	11.53	0.33		845.77	846.01
	3/4/2016	10.88	11.22	0.34		846.08	846.32
RT-1C					857.02		
	3/28/2016	11.59	11.87	0.28		845.15	845.35
	3/24/2016	12.00	12.10	0.10		844.92	844.99
	3/21/2016	12.02	12.33	0.31		844.69	844.91
	3/18/2016	11.29	11.61	0.32		845.41	845.64
	3/14/2016	10.94	11.25	0.31		845.77	845.99
	3/11/2016	10.98	11.32	0.34		845.70	845.94
	3/7/2016	10.97	11.30	0.33		845.72	845.96
	3/4/2016	10.65	11.00	0.35		846.02	846.27

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RT-2A					818.31		
	3/28/2016	-	-	-		818.31	-
	3/24/2016	-	-	-		818.31	-
	3/21/2016	-	-	-		818.31	-
	3/18/2016	-	1.43	-		816.88	-
	3/14/2016	-	1.43	-		816.88	-
	3/11/2016	-	1.43	-		816.88	-
	3/7/2016	-	1.48	-		816.83	-
	3/4/2016	-	1.43	-		816.88	-
RT-2B					818.92		
	3/28/2016	-	2.14	-		816.78	-
	3/24/2016	-	2.15	-		816.77	-
	3/21/2016	-	2.12	-		816.80	-
	3/18/2016	-	2.11	-		816.81	-
	3/14/2016	-	2.12	-		816.80	-
	3/11/2016	-	2.24	-		816.68	-
	3/7/2016	-	2.12	-		816.80	-
	3/4/2016	-	2.14	-		816.78	-
RT-2C					819.02		
	3/28/2016	-	1.87	-		817.15	-
	3/24/2016	-	1.90	-		817.12	-
	3/21/2016	-	1.86	-		817.16	-
	3/18/2016	-	1.85	-		817.17	-
	3/14/2016	-	1.87	-		817.15	-
	3/11/2016	-	1.87	-		817.15	-
	3/7/2016	1.88	1.90	0.02		817.12	817.13
	3/4/2016	-	1.90	-		817.12	-
RT-2D					819.57		
	3/28/2016	-	2.70	-		816.87	-
	3/24/2016	-	2.88	-		816.69	-
	3/21/2016	-	2.86	-		816.71	-
	3/18/2016	-	2.67	-		816.90	-
	3/14/2016	-	2.68	-		816.89	-
	3/11/2016	-	2.68	-		816.89	-
	3/7/2016	-	2.70	-		816.87	-
	3/4/2016	-	2.70	-		816.87	-
RT-2E					819.40		
	3/28/2016	-	2.54	-		816.86	-
	3/24/2016	-	2.57	-		816.83	-
	3/21/2016	-	2.52	-		816.88	-
	3/18/2016	-	2.51	-		816.89	-
	3/14/2016	-	2.51	-		816.89	-
	3/11/2016	-	2.45	-		816.95	-
	3/7/2016	-	2.48	-		816.92	-
	3/4/2016	-	2.49	-		816.91	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RT-2F					819.52		
	3/28/2016	-	2.32	-		817.20	-
	3/24/2016	-	2.35	-		817.17	-
	3/21/2016	-	2.31	-		817.21	-
	3/18/2016	-	2.32	-		817.20	-
	3/14/2016	-	2.31	-		817.21	-
	3/11/2016	-	2.30	-		817.22	-
	3/7/2016	-	2.53	-		816.99	-
	3/4/2016	-	2.32	-		817.20	-
RT-2G					820.31		
	3/28/2016	-	1.15	-		819.16	-
	3/24/2016	-	1.18	-		819.13	-
	3/21/2016	-	1.15	-		819.16	-
	3/18/2016	-	1.13	-		819.18	-
	3/14/2016	-	1.13	-		819.18	-
	3/11/2016	-	1.14	-		819.17	-
	3/7/2016	-	2.35	-		817.96	-
	3/4/2016	-	1.15	-		819.16	-
RT-2H					822.17		
	3/28/2016	-	3.50	-		818.67	-
	3/24/2016	-	3.53	-		818.64	-
	3/21/2016	-	3.51	-		818.66	-
	3/18/2016	-	3.45	-		818.72	-
	3/14/2016	-	3.48	-		818.69	-
	3/11/2016	-	3.47	-		818.70	-
	3/7/2016	-	1.17	-		821.00	-
	3/4/2016	-	3.51	-		818.66	-
RT-2I					819.51		
	3/28/2016	-	1.87	-		817.64	-
	3/24/2016	-	1.00	-		818.51	-
	3/21/2016	-	0.96	-		818.55	-
	3/18/2016	-	0.90	-		818.61	-
	3/14/2016	-	0.85	-		818.66	-
	3/11/2016	-	0.90	-		818.61	-
	3/7/2016	-	3.52	-		815.99	-
	3/4/2016	-	0.86	-		818.65	-
RT-2J					818.38		
	3/28/2016	-	1.07	-		817.31	-
	3/24/2016	-	1.12	-		817.26	-
	3/21/2016	-	1.08	-		817.30	-
	3/18/2016	-	1.07	-		817.31	-
	3/14/2016	-	1.06	-		817.32	-
	3/11/2016	-	1.04	-		817.34	-
	3/7/2016	-	1.08	-		817.30	-
	3/4/2016	-	1.05	-		817.33	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RT-2K					817.46		
	3/28/2016	-	1.00	-		816.46	-
	3/24/2016	-	1.04	-		816.42	-
	3/21/2016	-	1.00	-		816.46	-
	3/18/2016	-	0.95	-		816.51	-
	3/14/2016	-	0.95	-		816.51	-
	3/11/2016	-	0.92	-		816.54	-
	3/7/2016	-	0.97	-		816.49	-
	3/4/2016	0.95	0.97	0.02		816.49	816.50
RT-2L					820.38		
	3/28/2016	-	2.30	-		818.08	-
	3/24/2016	-	2.35	-		818.03	-
	3/21/2016	-	2.32	-		818.06	-
	3/18/2016	-	2.32	-		818.06	-
	3/14/2016	-	2.31	-		818.07	-
	3/11/2016	-	2.31	-		818.07	-
	3/7/2016	-	2.31	-		818.07	-
	3/4/2016	-	2.31	-		818.07	-
RW-01					851.92		
	3/28/2016	-	8.59	-		843.33	-
	3/24/2016	-	-	-		851.92	-
	3/21/2016	-	8.72	-		843.20	-
	3/18/2016	-	8.32	-		843.60	-
	3/14/2016	-	7.74	-		844.18	-
	3/11/2016	-	7.77	-		844.15	-
	3/7/2016	-	7.34	-		844.58	-
	3/4/2016	-	6.93	-		844.99	-
RW-02					852.69		
	3/28/2016	-	16.41	-		836.28	-
	3/24/2016	16.23	16.25	0.02		836.44	836.45
	3/21/2016	16.20	16.22	0.02		836.47	836.48
	3/18/2016	-	15.89	-		836.80	-
	3/14/2016	15.55	15.57	0.02		837.12	837.13
	3/11/2016	15.56	15.59	0.03		837.10	837.12
	3/7/2016	15.55	15.58	0.03		837.11	837.13
	3/4/2016	15.40	15.46	0.06		837.23	837.27
RW-03					852.34		
	3/28/2016	-	16.61	-		835.73	-
	3/24/2016	-	16.47	-		835.87	-
	3/21/2016	-	16.45	-		835.89	-
	3/18/2016	-	16.19	-		836.15	-
	3/14/2016	-	15.90	-		836.44	-
	3/11/2016	-	15.90	-		836.44	-
	3/7/2016	-	15.90	-		836.44	-
	3/4/2016	-	15.80	-		836.54	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RW-04					853.93		
	3/28/2016	22.42	22.46	0.04		831.47	831.50
	3/24/2016	22.37	22.43	0.06		831.50	831.55
	3/21/2016	22.33	22.38	0.05		831.55	831.59
	3/18/2016	22.15	22.20	0.05		831.73	831.77
	3/14/2016	21.97	21.99	0.02		831.94	831.96
	3/11/2016	21.97	22.03	0.06		831.90	831.95
	3/7/2016	22.04	22.06	0.02		831.87	831.89
	3/4/2016	21.95	21.99	0.04		831.94	831.97
RW-05					853.53		
	3/28/2016	27.87	27.94	0.07		825.59	825.64
	3/24/2016	-	-	-		853.53	-
	3/21/2016	27.75	27.95	0.20		825.58	825.73
	3/18/2016	27.69	27.88	0.19		825.65	825.79
	3/14/2016	27.52	27.65	0.13		825.88	825.98
	3/11/2016	27.48	27.70	0.22		825.83	825.99
	3/7/2016	27.48	27.74	0.26		825.79	825.98
	3/4/2016	27.35	27.68	0.33		825.85	826.09
RW-06					846.21		
	3/28/2016	22.34	22.75	0.41		823.46	823.76
	3/24/2016	22.23	22.67	0.44		823.54	823.86
	3/21/2016	22.35	22.65	0.30		823.56	823.78
	3/18/2016	22.23	22.51	0.28		823.70	823.90
	3/14/2016	22.08	22.36	0.28		823.85	824.05
	3/11/2016	22.04	22.41	0.37		823.80	824.07
	3/7/2016	22.03	22.33	0.30		823.88	824.10
	3/4/2016	21.86	22.46	0.60		823.75	824.19
RW-07					843.19		
	3/28/2016	18.80	18.86	0.06		824.33	824.38
	3/24/2016	-	19.00	-		824.19	-
	3/21/2016	18.80	18.84	0.04		824.35	824.38
	3/18/2016	18.67	18.71	0.04		824.48	824.51
	3/14/2016	18.54	18.57	0.03		824.62	824.64
	3/11/2016	18.53	18.56	0.03		824.63	824.65
	3/7/2016	18.49	18.51	0.02		824.68	824.70
	3/4/2016	18.38	18.43	0.05		824.76	824.80
RW-08					835.48		
	3/28/2016	12.33	12.53	0.20		822.95	823.09
	3/24/2016	12.35	12.50	0.15		822.98	823.09
	3/21/2016	12.35	12.55	0.20		822.93	823.07
	3/18/2016	12.24	12.50	0.26		822.98	823.17
	3/14/2016	12.10	12.34	0.24		823.14	823.31
	3/11/2016	12.06	12.36	0.30		823.12	823.34
	3/7/2016	12.01	12.36	0.35		823.12	823.37
	3/4/2016	11.55	12.45	0.90		823.03	823.69

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RW-09					835.12		
	3/28/2016	-	9.53	-		825.59	-
	3/24/2016	-	9.63	-		825.49	-
	3/21/2016	-	9.60	-		825.52	-
	3/18/2016	-	9.48	-		825.64	-
	3/14/2016	-	9.33	-		825.79	-
	3/11/2016	-	9.31	-		825.81	-
	3/7/2016	-	9.27	-		825.85	-
	3/4/2016	9.15	9.20	0.05		825.92	825.96
RW-10					848.53		
	3/28/2016	7.33	7.40	0.07		841.13	841.18
	3/24/2016	7.19	7.24	0.05		841.29	841.33
	3/21/2016	7.14	7.21	0.07		841.32	841.37
	3/18/2016	6.89	6.95	0.06		841.58	841.63
	3/14/2016	6.61	6.67	0.06		841.86	841.91
	3/11/2016	6.61	6.67	0.06		841.86	841.91
	3/7/2016	6.63	6.65	0.02		841.88	841.90
	3/4/2016	6.55	6.60	0.05		841.93	841.97
RW-11					852.97		
	3/28/2016	6.95	7.42	0.47		845.55	845.89
	3/24/2016	7.00	7.56	0.56		845.41	845.82
	3/21/2016	7.11	7.55	0.44		845.42	845.74
	3/18/2016	6.74	7.31	0.57		845.66	846.07
	3/14/2016	6.42	6.62	0.20		846.35	846.49
	3/11/2016	6.42	6.70	0.28		846.27	846.47
	3/7/2016	6.30	6.68	0.38		846.29	846.56
	3/4/2016	5.80	7.00	1.20		845.97	846.84
RW-12					852.75		
	3/28/2016	-	8.06	-		844.69	-
	3/24/2016	-	8.81	-		843.94	-
	3/21/2016	-	8.77	-		843.98	-
	3/18/2016	-	7.73	-		845.02	-
	3/14/2016	-	7.10	-		845.65	-
	3/11/2016	-	6.98	-		845.77	-
	3/7/2016	-	6.55	-		846.20	-
	3/4/2016	-	5.88	-		846.87	-
RW-13					847.97		
	3/28/2016	-	7.38	-		840.59	-
	3/24/2016	7.25	7.27	0.02		840.70	840.71
	3/21/2016	7.21	7.23	0.02		840.74	840.75
	3/18/2016	6.97	6.99	0.02		840.98	840.99
	3/14/2016	-	6.72	-		841.25	-
	3/11/2016	-	6.75	-		841.22	-
	3/7/2016	-	6.75	-		841.22	-
	3/4/2016	-	6.70	-		841.27	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
RW-14					827.54		
	3/28/2016	9.21	9.24	0.03		818.30	818.32
	3/24/2016	-	9.34	-		818.20	-
	3/21/2016	-	9.30	-		818.24	-
	3/18/2016	-	9.24	-		818.30	-
	3/14/2016	9.16	9.18	0.02		818.36	818.37
	3/11/2016	9.16	9.18	0.02		818.36	818.37
	3/7/2016	9.13	9.15	0.02		818.39	818.40
	3/4/2016	9.07	9.18	0.11		818.36	818.44
RW-15					851.64		
	3/28/2016	-	8.34	-		843.30	-
	3/24/2016	-	8.18	-		843.46	-
	3/21/2016	-	8.15	-		843.49	-
	3/18/2016	-	7.90	-		843.74	-
	3/14/2016	-	7.59	-		844.05	-
	3/11/2016	-	7.63	-		844.01	-
	3/7/2016	-	7.60	-		844.04	-
	3/4/2016	-	7.50	-		844.14	-
TW-04R					852.64		
	3/11/2016	-	2.75	-		849.89	-
TW-05R					849.93		
	3/11/2016	-	2.25	-		847.68	-
TW-14R					853.37		
	3/11/2016	-	3.35	-		850.02	-
TW-15R					850.62		
	3/11/2016	-	1.56	-		849.06	-
TW-21					849.70		
	3/11/2016	-	0.91	-		848.79	-
TW-28					851.42		
	3/11/2016	-	15.55	-		835.87	-
TW-30					851.81		
	3/11/2016	-	15.75	-		836.06	-
TW-34					854.79		
	3/11/2016	-	19.46	-		835.33	-
TW-35					854.10		
	3/11/2016	-	21.78	-		832.32	-
TW-40					853.35		
	3/11/2016	-	23.00	-		830.35	-
TW-41					849.38		
	3/11/2016	-	21.29	-		828.09	-
TW-42					846.84		
	3/11/2016	20.53	22.77	2.24		824.07	825.70
TW-45					848.31		
	3/11/2016	22.35	23.72	1.37		824.59	825.59
TW-46					846.88		
	3/11/2016	-	20.50	-		826.38	-
TW-55					845.93		
	3/11/2016	-	2.95	-		842.98	-
TW-59					834.78		
	3/11/2016	-	9.90	-		824.88	-

Table 2. 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 (ft amsl)	Groundwater Elevation (ft amsl)	Corrected[1] Groundwater Elevation (ft amsl)
TW-60					828.03		
	3/11/2016	-	5.23	-		822.80	-
TW-64					845.88		
	3/11/2016	-	9.00	-		836.88	-
TW-65					845.62		
	3/11/2016	-	13.24	-		832.38	-
TW-66					820.31		
	3/11/2016	-	-	-		820.31	-
TW-67					852.71		
	3/11/2016	-	6.86	-		845.85	-
TW-68					846.45		
	3/11/2016	-	15.25	-		831.20	-
TW-69					840.27		
	3/11/2016	-	7.20	-		833.07	-
TW-70					841.95		
	3/11/2016	-	11.35	-		830.60	-
TW-73					850.53		
	3/11/2016	-	2.50	-		848.03	-
TW-76					854.32		
	3/11/2016	-	6.93	-		847.39	-
TW-81					849.43		
	3/11/2016	-	1.00	-		848.43	-
TW-82					849.64		
	3/11/2016	-	-	-		849.64	-
TW-83					850.44		
	3/11/2016	-	1.47	-		848.97	-
TW-84					851.22		
	3/11/2016	2.19	2.22	0.03		849.00	849.02
TW-85					843.49		
	3/11/2016	-	4.50	-		838.99	-
TW-86					853.10		
	3/11/2016	-	3.60	-		849.50	-
TW-87					852.25		
	3/11/2016	-	2.83	-		849.42	-
TW-90					847.43		
	3/11/2016	-	6.14	-		841.29	-
TW-94					840.58		
	3/11/2016	1.35	2.15	0.80		838.43	839.02
TW-96					840.40		
	3/11/2016	-	2.38	-		838.02	-

Notes:

[1] Calculated based on an oil:water density ratio of 0.73

amsl = above mean sea level

BTOC = below top of casing

ft = feet

NS = elevation not yet surveyed

DRAFT

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

Location	Date Collected	Temperature °C	pH	Conductivity mS/cm	DO mg/L	TDS g/L	Turbity NTU	ORP mV
FP-01	3/16/2016	21.18	5.91	0.103	6.72	0.066	2.0	119
FP-02	3/16/2016	22.17	6.17	0.048	7.40	0.031	3.5	122
FP-03	3/16/2016	22.96	6.31	0.046	8.51	0.030	3.6	129
SW-01	3/16/2016	20.31	6.12	0.043	7.89	0.028	5.8	144
SW-02	3/16/2016	20.03	6.23	0.045	8.60	0.029	11.2	131
SW-03	3/16/2016	21.69	5.94	0.046	8.54	0.030	8.5	120
SW-07	3/16/2016	18.81	6.14	0.034	8.44	0.022	5.2	138
SW-08	3/16/2016	19.13	6.04	0.047	6.42	0.030	2.1	111
SW-09	3/16/2016	20.26	6.29	0.045	6.51	0.029	10.1	153

Notes:
Data were collected with a Horiba U-52 multiparameter water quality meter, calibrated with AutoCal solution lot #C582657, expires 09/2016.
°C = degrees Celsius
DO = dissolved oxygen
g/L = grams per liter
mg/L = milligrams per liter
mS/cm = millisiemens per centimeter
mV = millivolts
NTU = nephelometric turbidity units
ORP = oxygen reduction potential
TDS = total dissolved solids

Table 4. 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**	**2400**	**2100**	**940**	**140**	**5.7 J**
SW-01	SW01-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U[1]	1 U
	SW01-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-033115	3/31/2015	µg/L	5 U	5 U	**17.6**	10 U	5 U	5 U[1]	NA
	SW01-042215	4/22/2015	µg/L	5 U	5 U	**14.9**	10 U	5 U	5 U[1]	NA
	SW01-050715	5/7/2015	µg/L	5 U	5 U	**7.0**	10 U	5 U	5 U[1]	NA
	SW01-051915	5/19/2015	µg/L	5 U	5 U	**8.8**	**10.6**	**6.4**	5 U[1]	NA
	SW01-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW01-092415	9/24/2015	µg/L	5 U	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
SW-02	SW02-121114	12/11/2014	µg/L	0.5 U	1 U	1 U	2 U	1 U	1 U[1]	1 U
	SW02-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-033115	3/31/2015	µg/L	5 U	5 U	**6.0**	10 U	5 U	5 U[1]	NA
	SW02-042215	4/22/2015	µg/L	5 U	5 U	**13.0**	10 U	5 U	5 U[1]	NA
	SW02-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW02-092415	9/24/2015	µg/L	5 U	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
SW-03	SW-UPGRADIENT	1/20/2015	µg/L	0.5 U	1 U	**0.23 J**	2 U	1 U	1 U[1]	1 U
	SW03-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW03-081315	8/13/2015	µg/L	5 U	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
SW-04	SW-DOWNGRADIENT	1/20/2015	µg/L	**95**	**27**	**310**	**110**	**63**	**94**	**2.7**
	SW04-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW04-092415	9/24/2015	µg/L	5 U	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

Table 4. 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-05	SW05-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW05-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW05-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW05-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW05-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW05-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW05-050715	5/7/2015	µg/L	5 U	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	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW06-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW06-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW06-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW06-042215	4/22/2015	µg/L	5 U	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	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW07-071515	7/15/2015	µg/L	5 U	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
SW-08	SW08-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW08-092415	9/24/2015	µg/L	5 U	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
SW-09	SW09-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW09-092415	9/24/2015	µg/L	5 U	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

Table 4. 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-10	SW10-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW10-092415	9/24/2015	µg/L	5 U	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
SW-11	SW11-022515	2/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-030215	3/2/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-031115	3/11/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-031815	3/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-033115	3/31/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-042215	4/22/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-050715	5/7/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-051915	5/19/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-060315	6/3/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-061815	6/18/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-071515	7/15/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-081315	8/13/2015	µg/L	5 U	5 U	5 U	10 U	5 U	5 U[1]	NA
	SW11-092415	9/24/2015	µg/L	5 U	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
FP-01	FP-01-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	
FP-02	FP-02-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	
FP-03	FP-03-031616	3/16/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U[1]	
		Screening Value:	µg/L	2.2[a]	530[a]	1000[a]	190[b,c]	190[b]	0.17[b]	14[b]

Notes:

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

[b] U.S. Environmental Protection Agency (EPA) Regional Screening Levels (RSLs). Tapwater. June 2015. RSLs based on hazard quotient (HQ) = 1 and cancer risk = 1×10^{-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
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.

Pace Analytical®
www.pacelabs.com

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March 18, 2016

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

RE: Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

Dear Bill Waldron:
Enclosed are the analytical results for sample(s) received by the laboratory on March 17, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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 Hill
Tom Wiley, CH2M

Pace Analytical Services, Inc.
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Huntersville, NC 28078
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CERTIFICATIONS

Project	PPL @ LEWIS DRIVE 656401
Pace Project No.	92290418

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92290418001	**FP01-031616**	EPA 8260	GAW	10	PASI-C
92290418002	**FP02-031616**	EPA 8260	GAW	10	PASI-C
92290418003	**FP03-031616**	EPA 8260	GAW	10	PASI-C

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ANALYTICAL RESULTS

Project PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

Sample: FP01-031616 **Lab ID: 92290418001** Collected: 03/16/16 11:05 Received: 03/17/16 09:25 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		03/18/16 00:44	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 00:44	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 00:44	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 00:44	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 00:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 00:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 00:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		03/18/16 00:44	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		03/18/16 00:44	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		03/18/16 00:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

Sample: FP02-031616 **Lab ID: 92290418002** Collected: 03/16/16 11:25 Received. 03/17/16 09:25 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		03/18/16 01:00	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 01:00	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 01:00	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 01:00	108-88-3	
Xylene (Total)	ND	ug/L	2 0	1		03/18/16 01:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 01:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 01:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		03/18/16 01:00	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		03/18/16 01:00	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		03/18/16 01:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

Sample: FP03-031616 **Lab ID: 92290418003** Collected: 03/16/16 11:35 Received: 03/17/16 09:25 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		03/18/16 01:17	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 01:17	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 01:17	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 01:17	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 01 17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 01 17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 01:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		03/18/16 01:17	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		03/18/16 01:17	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		03/18/16 01:17	2037-26-5	

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

QC Batch. MSV/36015 Analysis Method: EPA 8260
QC Batch Method. EPA 8260 Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92290418001, 92290418002, 92290418003

METHOD BLANK: 1689171 Matrix: Water
Associated Lab Samples: 92290418001, 92290418002, 92290418003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/17/16 17:11	
Ethylbenzene	ug/L	ND	1.0	03/17/16 17:11	
m&p-Xylene	ug/L	ND	2.0	03/17/16 17:11	
Naphthalene	ug/L	ND	1.0	03/17/16 17:11	
o-Xylene	ug/L	ND	1.0	03/17/16 17:11	
Toluene	ug/L	ND	1.0	03/17/16 17:11	
Xylene (Total)	ug/L	ND	2.0	03/17/16 17:11	
1,2-Dichloroethane-d4 (S)	%	105	70-130	03/17/16 17:11	
4-Bromofluorobenzene (S)	%	103	70-130	03/17/16 17:11	
Toluene-d8 (S)	%	100	70-130	03/17/16 17:11	

LABORATORY CONTROL SAMPLE: 1689172

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	45.0	90	70-130	
Ethylbenzene	ug/L	50	48.2	96	70-130	
m&p-Xylene	ug/L	100	97.1	97	70-130	
Naphthalene	ug/L	50	47.9	96	70-130	
o-Xylene	ug/L	50	47.9	96	70-130	
Toluene	ug/L	50	45.5	91	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
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(704)875-9092

QUALIFIERS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

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, Styrene, and Vinyl chloride.

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290418

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92290418001	**FP01-031616**	EPA 8260	MSV/36015		
92290418002	**FP02-031616**	EPA 8260	MSV/36015		
92290418003	**FP03-031616**	EPA 8260	MSV/36015		

Sample Condition Upon Receipt

Client Name: CH2M Hill

Project #: **WO# : 92290418**

92290418

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☑ Yes ☐ No

Date/Initials Person Examining Contents: 3-17-16

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other:____

Thermometer: ☑ T1505 ☐ 4.2 Type of Ice: ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Correction Factor: 0.0°C Cooler Temp Corrected (°C): ____ 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

	Yes	No	N/A	COMMENTS:
Chain of Custody Present?	☑	☐	☐	1.
Chain of Custody Filled Out?	☑	☐	☐	2.
Chain of Custody Relinquished?	☑	☐	☐	3.
Sampler Name and/or Signature on COC?	☑	☐	☐	4.
Samples Arrived within Hold Time?	☑	☐	☐	5.
Short Hold Time Analysis (<72 hr.)?	☐	☑	☐	6.
Rush Turn Around Time Requested?	☑	☐	☐	7.
Sufficient Volume?	☑	☐	☐	8.
Correct Containers Used?	☑	☐	☐	9.
-Pace Containers Used?	☑	☐	☐	
Containers Intact?	☑	☐	☐	10.
Filtered Volume Received for Dissolved Tests?	☐	☐	☑	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? 3/17/16	☑	☑	☐	12. [illegible handwritten comment] 13-10
-Includes Date/Time/ID/Analysis Matrix: WT				
All containers needing acid/base preservation have been checked?	☐	☐	☐	13.
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐	☐	☑	
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC,LLHg	☐	☐	☑	
Samples checked for dechlorination	☐	☐	☑	14.
Headspace in VOA Vials (>5-6mm)?	☐	☑	☐	15.
Trip Blank Present?	☐	☐	☑	16.
Trip Blank Custody Seals Present?	☐	☐	☑	
Pace Trip Blank Lot # (if purchased):____				

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: ____ Date/Time: ____

Comments/Resolution: ____

Project Manager SCURF Review: [signature] **Date:** 3-17-16

Project Manager SRF Review: [signature] **Date:** 3/17/16

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)

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Section A Required Client Information:

Company: CH2M HILL
Address: 3120 Highwoods Blvd Suite 214
Raleigh, NC 27604
Email To: William.waldron@ch2m.com
Phone: 919-760-4777 Fax:
Requested Due Date/TAT: STANDARD

Section B Required Project Information:

Report To: Bill Waldron bwarvey@ch2m.com
Copy To: Scott Powell, Bethany Garvey twilex@ch2m.com
Purchase Order No.:
Project Name: PPL@ Lewis Drive
Project Number: 656401

Section C Invoice Information:

Attention: Jerry Aycock
Company Name: Plantation Pipe Line
Address: 1000 Windward Concourse Ste 450 Alpharetta, GA 30005
Pace Quote Reference:
Pace Project Manager: Kevin Godwin
Pace Profile #:

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER; UST RCRA X OTHER SCDHEC

Site Location STATE: SC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: BTEX	Naphthalene	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW11-031616	WT	G	3/16/16		3/16/2016	1210		3				X									92290418
2	SW10-031616						1225		3													
3	SW09-031616						1240		3													
4	SW08-031616						1250		3													
5	SW02-031616						1315		3													
6	SW04-031616						1310		3													
7	SW01-031616						1340		3													
8	SW07-031616						1325		3													
9	SW03-031616						1350		3													
10	SW05-031616						1430		3													
11	FP01-031616						1105		2													
12	FP02-031616 / FP03-031616						1125/1155		2/2													

2 day Rush TAT for FP02* FP01, FP03

Limited volume, only 2 vials per sample 001 002/003

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Invoice to Jerry Aycock Plantation Pipe Line 1000 Windward Concourse Ste 450 Alpharetta, GA 30005	Jerry Wiley/CH2M	3/16/16	1550				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jerry Wiley

SIGNATURE of SAMPLER: Jerry Wiley

DATE Signed (MM/DD/YY): 3/16/2016

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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

March 21, 2016

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

RE: Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Dear Bill Waldron:
Enclosed are the analytical results for sample(s) received by the laboratory on March 17, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

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 Hill
Tom Wiley, CH2M

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CERTIFICATIONS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92290422001	**SW11-031616**	EPA 8260	GAW	10	PASI-C
92290422002	**SW10-031616**	EPA 8260	GAW	10	PASI-C
92290422003	**SW09-031616**	EPA 8260	GAW	10	PASI-C
92290422004	**SW08-031616**	EPA 8260	GAW	10	PASI-C
92290422005	**SW02-031616**	EPA 8260	GAW	10	PASI-C
92290422006	**SW04-031616**	EPA 8260	GAW	10	PASI-C
92290422007	**SW01-031616**	EPA 8260	GAW	10	PASI-C
92290422008	**SW07-031616**	EPA 8260	GAW	10	PASI-C
92290422009	**SW03-031616**	EPA 8260	GAW	10	PASI-C
92290422010	**SW05-031616**	EPA 8260	GAW	10	PASI-C

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW11-031616 **Lab ID: 92290422001** Collected: 03/16/16 12:10 Received: 03/17/16 09:25 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		03/18/16 08:17	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 08:17	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 08:17	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 08:17	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 08:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 08:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 08.17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		03/18/16 08:17	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		03/18/16 08.17	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		03/18/16 08:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW10-031616 **Lab ID: 92290422002** Collected: 03/16/16 12:25 Received: 03/17/16 09:25 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		03/18/16 08:33	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 08:33	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 08:33	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 08:33	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 08:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 08:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 08:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		03/18/16 08:33	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		03/18/16 08:33	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/18/16 08:33	2037-26-5	

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW09-031616 **Lab ID: 92290422003** Collected: 03/16/16 12:40 Received: 03/17/16 09:25 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		03/18/16 08:50	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 08:50	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 08:50	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 08 50	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 08:50	1330-20-7	
m&p-Xylene	ND	ug/L	2 0	1		03/18/16 08:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 08:50	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		03/18/16 08:50	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		03/18/16 08 50	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		03/18/16 08:50	2037-26-5	

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW08-031616 **Lab ID: 92290422004** Collected: 03/16/16 12:50 Received: 03/17/16 09:25 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		03/18/16 09:07	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 09:07	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 09:07	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 09:07	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 09:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 09 07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 09:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		03/18/16 09:07	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		03/18/16 09:07	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/18/16 09:07	2037-26-5	

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW02-031616 **Lab ID: 92290422005** Collected: 03/16/16 13:15 Received: 03/17/16 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260							
Benzene	**8.0**	ug/L	1.0	1		03/18/16 09:24	71-43-2	
Ethylbenzene	**1.0**	ug/L	1.0	1		03/18/16 09:24	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 09:24	91-20-3	
Toluene	**17.5**	ug/L	1.0	1		03/18/16 09:24	108-88-3	
Xylene (Total)	**9.7**	ug/L	2.0	1		03/18/16 09:24	1330-20-7	
m&p-Xylene	**5.8**	ug/L	2.0	1		03/18/16 09:24	179601-23-1	
o-Xylene	**3.9**	ug/L	1.0	1		03/18/16 09:24	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		03/18/16 09:24	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		03/18/16 09:24	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/18/16 09:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW04-031616 **Lab ID: 92290422006** Collected: 03/16/16 13:10 Received: 03/17/16 09:25 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		03/18/16 09:40	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 09:40	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 09:40	91-20-3	
Toluene	**2.0**	ug/L	1.0	1		03/18/16 09:40	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 09:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 09:40	179601-23-1	
o-Xylene	**1.8**	ug/L	1.0	1		03/18/16 09:40	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		03/18/16 09 40	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		03/18/16 09.40	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/18/16 09:40	2037-26-5	

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW01-031616 **Lab ID: 92290422007** Collected: 03/16/16 13:40 Received: 03/17/16 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260							
Benzene	**20.1**	ug/L	1.0	1		03/18/16 09:57	71-43-2	
Ethylbenzene	**2.4**	ug/L	1.0	1		03/18/16 09:57	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 09:57	91-20-3	
Toluene	**42.3**	ug/L	1 0	1		03/18/16 09:57	108-88-3	
Xylene (Total)	**20.9**	ug/L	2 0	1		03/18/16 09.57	1330-20-7	
m&p-Xylene	**13.3**	ug/L	2 0	1		03/18/16 09·57	179601-23-1	
o-Xylene	**7.6**	ug/L	1.0	1		03/18/16 09:57	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		03/18/16 09:57	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		03/18/16 09:57	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/18/16 09.57	2037-26-5	

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW07-031616 **Lab ID: 92290422008** Collected: 03/16/16 13:25 Received: 03/17/16 09:25 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		03/18/16 10:14	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 10:14	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 10:14	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 10:14	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 10:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 10:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 10:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		03/18/16 10:14	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		03/18/16 10:14	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/18/16 10:14	2037-26-5	

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ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW03-031616 **Lab ID: 92290422009** Collected: 03/16/16 13:50 Received: 03/17/16 09:25 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		03/18/16 10:31	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 10:31	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 10:31	91-20-3	
Toluene	ND	ug/L	1.0	1		03/18/16 10:31	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 10:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 10:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 10:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		03/18/16 10:31	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		03/18/16 10:31	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		03/18/16 10:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

Sample: SW05-031616 **Lab ID: 92290422010** Collected: 03/16/16 14:30 Received: 03/17/16 09:25 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		03/18/16 10:48	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/18/16 10:48	100-41-4	
Naphthalene	ND	ug/L	1.0	1		03/18/16 10:48	91-20-3	
Toluene	ND	ug/L	1 0	1		03/18/16 10:48	108-88-3	
Xylene (Total)	ND	ug/L	2.0	1		03/18/16 10:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/18/16 10:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/18/16 10:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		03/18/16 10:48	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		03/18/16 10:48	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		03/18/16 10:48	2037-26-5	

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QUALITY CONTROL DATA

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

QC Batch: MSV/36017 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92290422001, 92290422002, 92290422003, 92290422004, 92290422005, 92290422006, 92290422007, 92290422008, 92290422009, 92290422010

METHOD BLANK: 1689402 Matrix Water
Associated Lab Samples: 92290422001, 92290422002, 92290422003, 92290422004, 92290422005, 92290422006, 92290422007, 92290422008, 92290422009, 92290422010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/18/16 06:19	
Ethylbenzene	ug/L	ND	1.0	03/18/16 06:19	
m&p-Xylene	ug/L	ND	2.0	03/18/16 06:19	
Naphthalene	ug/L	ND	1.0	03/18/16 06:19	
o-Xylene	ug/L	ND	1.0	03/18/16 06:19	
Toluene	ug/L	ND	1.0	03/18/16 06:19	
Xylene (Total)	ug/L	ND	2.0	03/18/16 06:19	
1,2-Dichloroethane-d4 (S)	%	100	70-130	03/18/16 06:19	
4-Bromofluorobenzene (S)	%	97	70-130	03/18/16 06:19	
Toluene-d8 (S)	%	98	70-130	03/18/16 06:19	

LABORATORY CONTROL SAMPLE: 1689403

Parameter	Units	Spike Conc	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	45.0	90	70-130	
Ethylbenzene	ug/L	50	47.7	95	70-130	
m&p-Xylene	ug/L	100	93.4	93	70-130	
Naphthalene	ug/L	50	49.1	98	70-130	
o-Xylene	ug/L	50	45.4	91	70-130	
Toluene	ug/L	50	45.8	92	70-130	
Xylene (Total)	ug/L	150	139	92	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 1689405

Parameter	Units	92290422010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	19.8	99	70-130	
Ethylbenzene	ug/L	ND	20	19.9	99	70-130	
m&p-Xylene	ug/L	ND	40	38 3	96	70-130	
Naphthalene	ug/L	ND	20	19.9	99	70-130	
o-Xylene	ug/L	ND	20	18.7	94	70-130	
Toluene	ug/L	ND	20	20.0	100	70-130	
1,2-Dichloroethane-d4 (S)	%				102	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(704)875-9092

QUALITY CONTROL DATA

Project: PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

SAMPLE DUPLICATE: 1689404

Parameter	Units	92290422009 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)	%	100	105	5	
4-Bromofluorobenzene (S)	%	98	100	2	
Toluene-d8 (S)	%	99	98	1	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project PPL @ LEWIS DRIVE 656401
Pace Project No.: 92290422

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, Styrene, and Vinyl chloride.

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project. PPL @ LEWIS DRIVE 656401
Pace Project No : 92290422

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92290422001	**SW11-031616**	EPA 8260	MSV/36017		
92290422002	**SW10-031616**	EPA 8260	MSV/36017		
92290422003	**SW09-031616**	EPA 8260	MSV/36017		
92290422004	**SW08-031616**	EPA 8260	MSV/36017		
92290422005	**SW02-031616**	EPA 8260	MSV/36017		
92290422006	**SW04-031616**	EPA 8260	MSV/36017		
92290422007	**SW01-031616**	EPA 8260	MSV/36017		
92290422008	**SW07-031616**	EPA 8260	MSV/36017		
92290422009	**SW03-031616**	EPA 8260	MSV/36017		
92290422010	**SW05-031616**	EPA 8260	MSV/36017		

Sample Condition Upon Receipt

Client Name: CH2M Hill

Project # **WO# : 92290422**

92290422

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

Custody Seal Present? ☐ Yes ☒ No **Seals Intact?** ☒ Yes ☐ No

Date/Initials Person Examining Contents: 3-17-16 KW

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other:_____

Thermometer: ☒ T1505 ☐ 4.2 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Correction Factor: 0.0°C **Cooler Temp Corrected (°C):** ______ **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

	Yes	No	N/A	COMMENTS:
Chain of Custody Present?	☒	☐	☐	1.
Chain of Custody Filled Out?	☒	☐	☐	2.
Chain of Custody Relinquished?	☒	☐	☐	3.
Sampler Name and/or Signature on COC?	☒	☐	☐	4.
Samples Arrived within Hold Time?	☒	☐	☐	5.
Short Hold Time Analysis (<72 hr.)?	☐	☒	☐	6.
Rush Turn Around Time Requested?	☒	☐	☐	7.
Sufficient Volume?	☒	☐	☐	8.
Correct Containers Used?	☒	☐	☐	9.
-Pace Containers Used?	☒	☐	☐	
Containers Intact?	☒	☐	☐	10.
Filtered Volume Received for Dissolved Tests?	☐	☐	☒	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? 3/17/16 KW -Includes Date/Time/ID/Analysis Matrix: WT	☒	☒	☐	12. Line 6 says SW04-031616 but label say SW02-031616 Times circle and bottles match they say 13:10
All containers needing acid/base preservation have been checked?	☐	☐	☒	13.
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐	☐	☒	
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC,LLHg	☐	☐	☒	
Samples checked for dechlorination	☐	☐	☒	14.
Headspace in VOA Vials (>5-6mm)?	☐	☒	☐	15.
Trip Blank Present?	☐	☐	☒	16.
Trip Blank Custody Seals Present?	☐	☐	☒	
Pace Trip Blank Lot # (if purchased):______				

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? ☐ Yes ☐ No

Person Contacted: ______________________ Date/Time: ______________________

Comments/Resolution: ______________________

Project Manager SCURF Review: [signature] **Date:** 3-17-16

Project Manager SRF Review: [signature] **Date:** 3/17/16

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)

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 2041914

Section A Required Client Information:

Company: CH2M HILL
Address: 320 Highwoods Blvd Suite 214
Raleigh, NC 27604
Email To: William.waldron@ch2m.com
Phone: 919-760-1777 Fax:
Requested Due Date/TAT: STANDARD

Section B Required Project Information:

Report To: Bill Waldron bwarvey@ch2m.com
Copy To: Scott Powell, Bethany Garvey twilex@ch2m.com
Purchase Order No.:
Project Name: PPL@Lewis Drive
Project Number: 656401

Section C Invoice Information:

Attention: Jerry Aycock
Company Name: Plantation Pipe Line
Address: 1000 Windward Concourse, Suite 450 Alpharetta, GA 30005
Pace Quote Reference:
Pace Project Manager: Kevin Godwin
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER SCDHEC

Site Location STATE: SC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Requested Analysis Filtered (Y/N): BTEX	Naphthalene	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW11-031616	WT	G	3/16/16		3/16/2016	1210		3				X									92290422
2	SW10-031616						1225		3													
3	SW09-031616						1240		3													
4	SW08-031616						1250		3													
5	SW02-031616						1315		3													
6	SW04-031616						1310		3													
7	SW01-031616						1340		3													
8	SW07-031616						1325		3													
9	SW03-031616						1350		3													
10	SW05-031616						1430		3													
11	FP01-031616						1105		2													
12	FP02-031616/FP03-031616						1125/1055		2/2													

2 day Rush for FP02, FP01, FP03

Limited volume, only 2 vials per sample

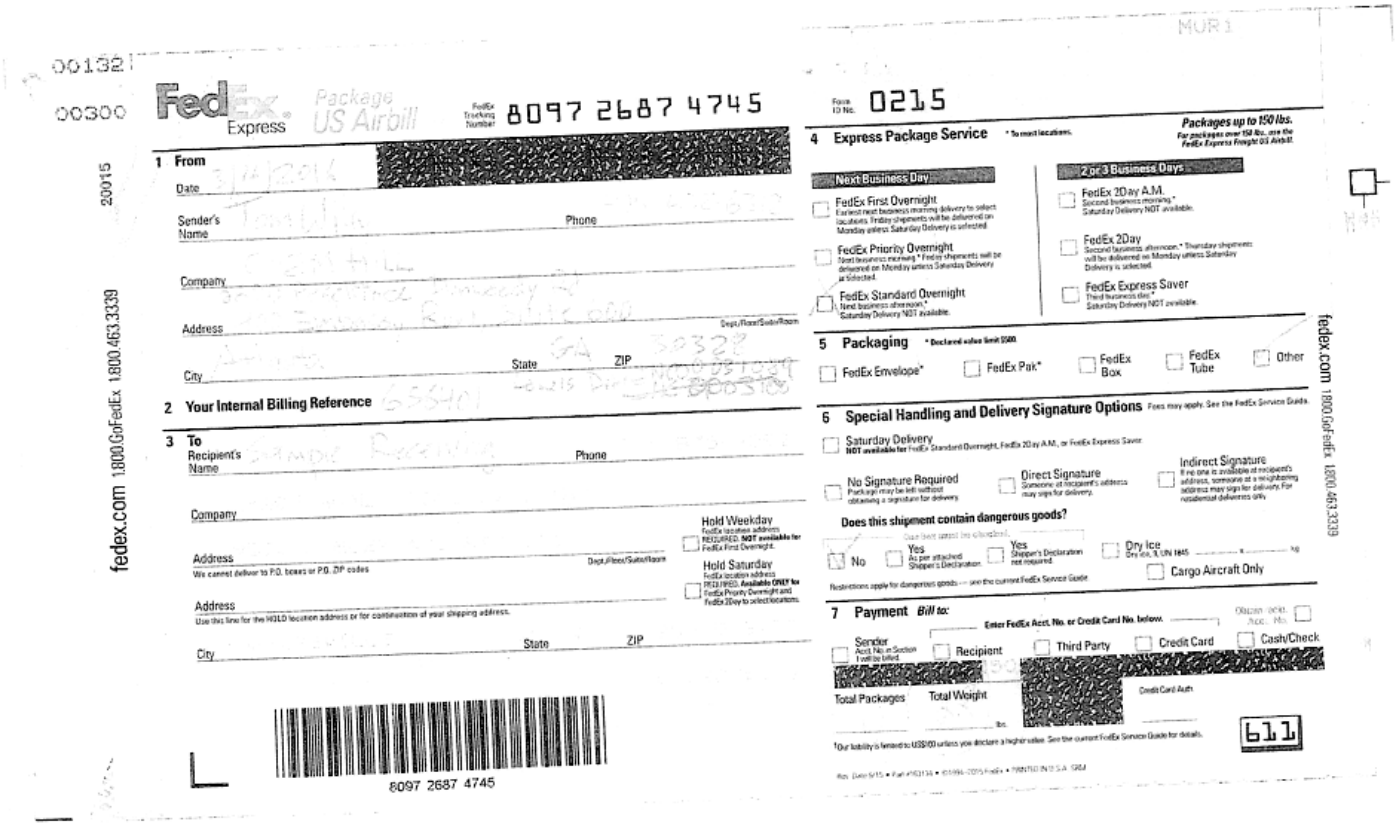
ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Invoice to Jerry Aycock Plantation Pipe Line 1000 Windward Concourse Ste 450 Alpharetta, GA 30005	[signature] / CH2M	3/16/16	1550	[signature]	3-17-16	9:25	NCF Y N Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Tom Wild
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3/16/2016

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



00132
00300
20015

FedEx Express Package US Airbill

FedEx tracking number 8097 2687 4745

Form ID No. 0215

1 From
Date
Sender's Name — Phone
Company
Address — Dept./Floor/Suite/Room
City — State — ZIP

2 Your Internal Billing Reference

3 To
Recipient's Name — Phone
Company
Address — Dept./Floor/Suite/Room
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address
Use this line for the HOLD location address or for continuation of your shipping address.
City — State — ZIP

Hold Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.
Hold Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8097 2687 4745

4 Express Package Service * To most locations.

Packages up to 150 lbs.
For packages over 150 lbs., use the FedEx Express Freight or Airbill.

Next Business Day
- FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.
- FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days
- FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.
- FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
- FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.
FedEx Envelope* | FedEx Pak* | FedEx Box | FedEx Tube | Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.
Saturday Delivery — NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.
No Signature Required — Package may be left without obtaining a signature for delivery.
Direct Signature — Someone at recipient's address may sign for delivery.
Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?
No | Yes — As per attached Shipper's Declaration | Yes — Shipper's Declaration not required | Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg | Cargo Aircraft Only
Restrictions apply for dangerous goods — see the current FedEx Service Guide.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain FedEx Acct. No.
Sender Acct. No. in Section 1 will be billed | Recipient | Third Party | Credit Card | Cash/Check

Total Packages — Total Weight — lbs. — Credit Card Auth.

611

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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