

March 7, 2019

*Delivered via FedEx Overnight Delivery*

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, South Carolina 29201

**Subject: Lewis Drive – 2018 Fourth Quarter Supplemental Data Transmittal  
Plantation Pipe Line Company  
Lewis Drive Remediation Site  
Belton, South Carolina  
Site ID #18693, "Kinder Morgan Belton Pipeline Release"**

Dear Ms. Coleman,

On behalf of Plantation Pipe Line Company (Plantation), CH2M HILL Engineers, Inc., part of Jacobs Engineering Group Inc. (Jacobs), as agreed to in our November 1, 2018 meeting with South Carolina Department of Health and Environmental Control (SCDHEC), is submitting the attached data transmittal for the fourth quarterly groundwater and surface water sampling event conducted between December 3 and 7, 2018. The following preliminary data summary tables are included with this submittal.

- Historical Analytical Results for Groundwater, December 2018 (Table 1)
- Historical Analytical Results for Surface Water, December 2018 (Table 2)

If you have any further questions or concerns, please call me at (919) 760-1777, or Mr. Jerry Aycock/ Plantation at (770) 751-4165.

Regards,



William M. Waldron, P.E.  
Program Manager

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Mary Clair Lyons, Esq., Plantation (Digital, [Mary\\_Lyons@kindermorgan.com](mailto:Mary_Lyons@kindermorgan.com))  
Richard Morton, Esq., Womble Bond Dickinson, LLP (Digital, [ric.morton@wbd-us.com](mailto:ric.morton@wbd-us.com))

Attachments:

Table 1 - Historical Analytical Results for Groundwater, December 2018  
Table 2 - Historical Analytical Results for Surface Water, December 2018.



Table 1. Historical Analytical Results for Groundwater, December 2018

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Gauging Date	Depth to Water	Sample Date	Analyte:	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
					Units	5.0	700	1,000	10,000	5.0	40	25	0.05
RBSL <sup>a</sup> :					µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05
MW-01	MW-01-072715			7/27/2015	µg/L	5 U <sup>b</sup>	5 U	5 U	10 U	5 U <sup>b</sup>	5 U	5 U	0.02 U
	MW-01-012716			1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	--			11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-01-062817			6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01-090717			9/7/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01-120517	12/4/2017	9.85	12/5/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01-030818	3/5/2018	3.80	3/8/2018	µg/L	1.85	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01-060518	6/4/2018	3.83	6/5/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01-091118	9/10/2018	6.72	9/11/2018	µg/L	2.02	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01-120518	12/3/2018	3.91	12/5/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-01B	MW-01B-080415			8/4/2015	µg/L	5 U <sup>b</sup>	5 U	5 U	10 U	5 U <sup>b</sup>	5 U	5 U	0.02 U
	MW-01B-012716			1/27/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.019 U
	MW-01B-120116			12/1/2016	µg/L	1 U	1 U	1.4	5.6	1 U	1 U	1.3	--
	MW-01B-062817			6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-062817-FD			6/28/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-090717			9/7/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-120517	12/4/2017	10.24	12/5/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-030818	3/5/2018	7.40	3/8/2018	µg/L	3.51	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-060518	6/4/2018	6.47	6/5/2018	µg/L	8.96	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-091118	9/10/2018	9.28	9/11/2018	µg/L	11.1	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-01B-120518	12/3/2018	7.62	12/5/2018	µg/L	8.30	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-02	MW-02-072715			7/27/2015	µg/L	4,320	625 U	9,670	2,460	5 U <sup>b</sup>	171	74.7	0.02 U
	MW-02-012616			1/26/2016	µg/L	9,500	1,160	25,000	6,310	50 U <sup>b</sup>	285	139	0.019 U
	--			11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-02-062917			6/29/2017	µg/L	8,040	833	27,100	9,890	250 U <sup>b</sup>	250 U <sup>b</sup>	1,250 U <sup>b</sup>	--
	MW-02-090817			9/8/2017	µg/L	2,340	181	7,120	8,510	50 U <sup>b</sup>	50 U <sup>b</sup>	389	--
	MW-02-100417	10/3/2017	16.03	10/4/2017	µg/L	3,510	306	11,900	11,200	50 U <sup>b</sup>	53.9	250 U <sup>b</sup>	--
	MW-02-110817	11/7/2017	4.20	11/8/2017	µg/L	850	100 U	1,370	3,520	100 U <sup>b</sup>	100 U <sup>b</sup>	500 U <sup>b</sup>	--
	MW-02-120717	12/4/2017	2.54	12/7/2017	µg/L	153	15.1	313	441	1 U	70.9	12.8	--
	MW-02-010918	1/8/2018	14.26	1/9/2018	µg/L	307	10 U	878	1,300	10 U <sup>b</sup>	61.8	63.7	--
	MW-02-020618	2/5/2018	0.00	2/6/2018	µg/L	30.5	1.09	29.6	88	1 U	32.0	5 U	--
	MW-02-030718	3/5/2018	3.00	3/7/2018	µg/L	131	34.1	594	442	1 U	27.6	34.5	--
	MW-02-040618	4/5/2018	4.79	4/6/2018	µg/L	72.5	8.96	94.7	501	1 U	18.4	5 U	--
	MW-02-050318	5/2/2018	10.85	5/3/2018	µg/L	35.4	7.50	14.9	163	1 U	8.0	5 U	--
	MW-02-060618	6/4/2018	0.00	6/6/2018	µg/L	1 U	1 U	3.19	3.7	1 U	1.25	5 U	--
	MW-02-071218	7/11/2018	15.25	7/12/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02-091218	9/11/2018	12.1	9/12/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02-120618	12/3/2018	3.58	12/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-02B	MW-02B-080415			8/4/2015	µg/L	5 U <sup>b</sup>	5 U	5 U	10 U	5 U <sup>b</sup>	5 U	5 U	0.02 U

Table 1. Historical Analytical Results for Groundwater, December 2018

Plantation Pipe Line Company

Lewis Drive Remediation Site, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Gauging Date	Depth to Water	Sample Date	Analyte:	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
					Units								
RBSL <sup>a</sup> :					µg/L	5.0	700	1,000	10,000	5.0	40	25	0.05
	MW-02B-D-080415			8/4/2015	µg/L	5 U <sup>b</sup>	5 U	5 U	10 U	5 U <sup>b</sup>	5 U	5 U	0.019 U
	--			1/19/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	MW-02B-030116			3/1/2016	µg/L	1 U	1 U	4.8	4.6	1 U	1 U	1 U	0.019 U
	MW-02B-D-030116			3/1/2016	µg/L	1 U	1 U	4.8	5.3	1 U	1 U	1 U	0.02 U
	--			11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-02B-033117			3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02B-062917			6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02B-090817			9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02B-120717	12/4/2017	24.56	12/7/2017	µg/L	1 U	1 U	1.11	3 U	1 U	1 U	5 U	--
	MW-02B-030718	3/5/2018	1.50	3/7/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02B-060618	6/4/2018	4.23	6/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02B-091218	9/11/2018	18.65	9/12/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-02B-120618	12/3/2018	12.92	12/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-03	MW-03-072715			7/27/2015	µg/L	5 U <sup>b</sup>	5 U	5 U	10 U	5 U <sup>b</sup>	5 U	5 U	0.02 U
	MW-03-012516			1/25/2016	µg/L	108	20.1	958	598	1 U	1 U	11.1	0.02 U
	MW-03-120616			12/6/2016	µg/L	61.1	25.1	229	330	2 U	2 U	3.6	--
	MW-03-062917			6/29/2017	µg/L	10.9	1 U	24.6	6.98	1 U	2.34	5 U	--
	--			9/5/2017	--	NS-HS	NS-HS	NS-HS	NS-HS	NS-HS	NS-HS	NS-HS	NS-HS
	--	10/3/2017	19.87	10/3/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-03-110817	11/7/2017	--*	11/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-120517	12/4/2017	18.00	12/5/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	--	1/8/2018	19.98	1/8/2018	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-03-020618	2/5/2018	--*	2/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-030718	3/5/2018	4.12	3/7/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-040618	4/5/2018	15.40	4/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-050318	5/2/2018	0	5/3/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-060618	6/4/2018	16.5	6/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-071218	7/11/2018	0	7/12/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-091318	9/11/2018	17.3	9/13/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-03-120618	12/3/2018	14	12/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-04	MW-04-072815			7/28/2015	µg/L	5 U <sup>b</sup>	5 U	5 U	10 U	5 U <sup>b</sup>	5 U	5 U	0.019 U
	MW-04-012516			1/25/2016	µg/L	1 U	1 U	1 U	2 U	1 U	1 U	1 U	0.02 U
	MW-04-120616			12/6/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-04-062917			6/29/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-04-090817			9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-04-090817-DUP			9/8/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-04-120717	12/4/2017	10.07	12/7/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-04-030718	3/5/2018	10.70	3/7/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-04-060618	6/4/2018	6.23	6/6/2018	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--



