

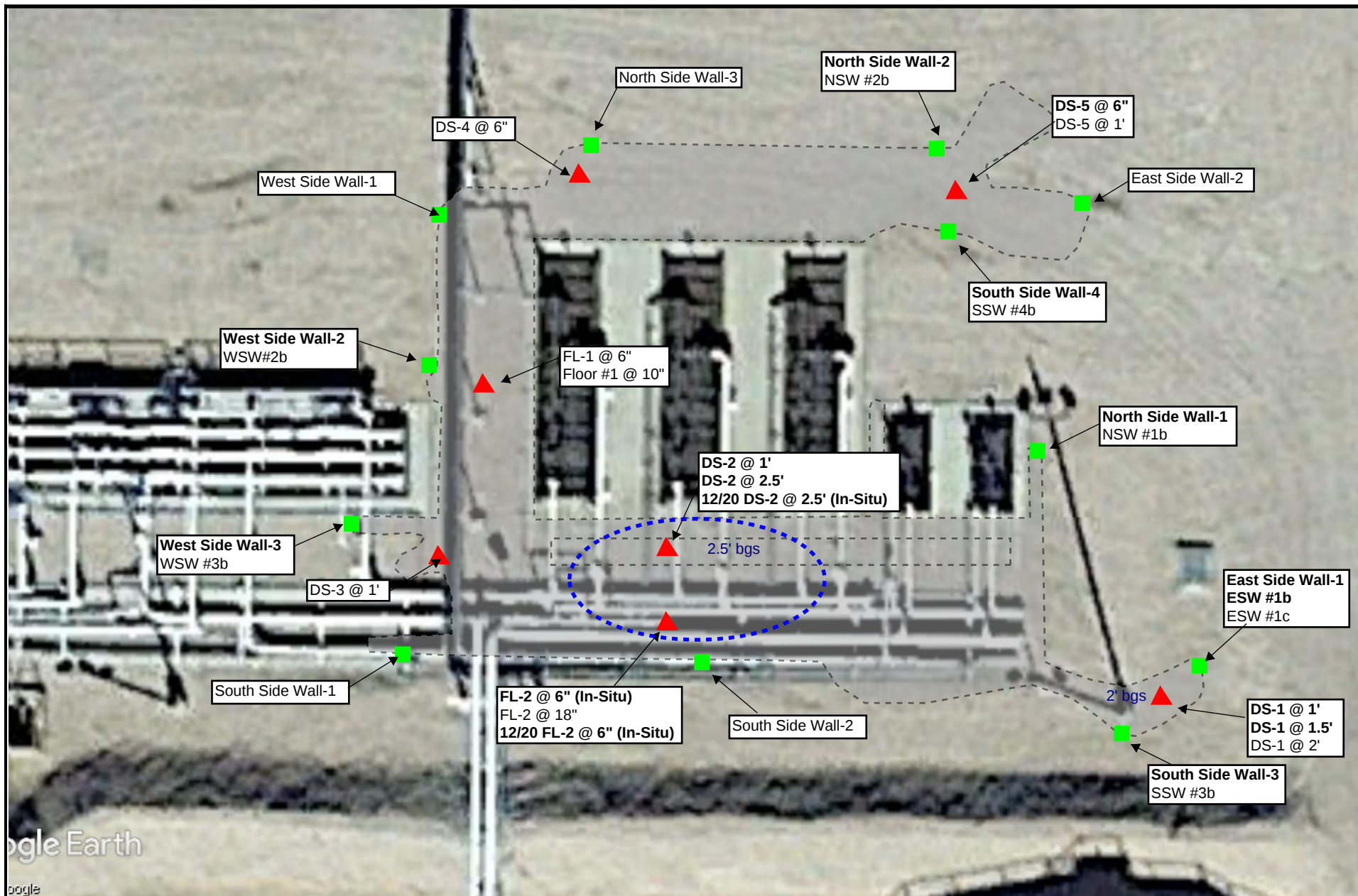
APPROVED*By Olivia Yu at 9:23 am, Jan 29, 2018*

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH, AND CHLORIDE IN SOIL
ALPHA CRUDE LYNCH STATION
PLAINS PIPELINE, L.P.
LEA COUNTY, NM
PLAINS SRS NUMBER 2017-102

NMOCD approves of the backfill request for 1RP-4739. Area represented by FL-2 and DS-2 will be remediated upon abandonment or retrofit.

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (inches)	STATUS	Methods: EPA SW 846-8021B, 5030						Methods:				Method:
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	m,p, XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	TOTAL BTEX (mg/Kg)	EPA SW 846-8015M				E300
										GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
DS-1 @ 1'	7/5/2017	1'	Excavated	0.263	0.933	0.897	0.77	1.29	4.15	436	5,100	612	6,150	<25.0
DS-2 @ 1'	7/5/2017	1'	Excavated	2.1	7.47	3.26	5.00	5.85	23.7	227	886	82.3	1,200	<25.0
DS-3 @ 1'	7/5/2017	1'	In-Situ	<0.0193	<0.0193	<0.0193	<0.0387	<0.0193	<0.0387	<25.0	29.2	<25.0	29.2	28.4
DS-4 @ 6"	7/5/2017	6"	In-Situ	<0.0176	<0.0176	<0.0176	<0.0351	<0.0176	<0.0351	<25.0	<25.0	<25.0	<25.0	39.9
DS-5 @ 6"	7/5/2017	6"	Excavated	<0.0400	0.560	<0.0400	<0.0800	1.00	1.56	<25.0	1,190	165	1,360	34.7
North Side Wall-1	7/5/2017	3"	Excavated	<0.0397	<0.0397	<0.0397	<0.0794	<0.0397	<0.0794	128	1,880	226	2,230	-
North Side Wall-2	7/5/2017	6"	Excavated	0.284	8.36	14.5	21.0	13.9	58.0	1,670	5,730	688	8,090	-
North Side Wall-3	7/5/2017	6"	In-Situ	<0.196	<0.196	<0.196	<0.0391	<0.196	<0.0391	<25.0	<25.0	<25.0	<25.0	-
East Side Wall-1	7/5/2017	6"	Excavated	3.19	34.2	33.4	41.0	25.2	137	1,880	10,500	1,230	13,600	-
East Side Wall-2	7/5/2017	3"	In-Situ	<0.0198	<0.0198	<0.0198	<0.0396	<0.0198	<0.0396	<25.0	36.1	30.7	66.8	-
South Side Wall-1	7/5/2017	6"	In-Situ	<0.0189	<0.0189	<0.0189	<0.0379	<0.0189	<0.0379	<25.0	<25.0	<25.0	<25.0	-
South Side Wall-2	7/5/2017	6"	In-Situ	<0.0199	<0.0199	<0.0199	<0.0398	<0.0199	<0.0398	129	139	<25.0	268	-
South Side Wall-3	7/5/2017	6"	Excavated	13.0	144	137	212	106	612	4,160	9,100	901	14,200	-
South Side Wall-4	7/5/2017	3"	Excavated	<0.962	0.904	<0.962	<0.192	0.135	1.04	45.4	1,500	198	1,740	-
West Side Wall-1	7/5/2017	3"	In-Situ	<0.0374	0.0598	<0.0374	<0.0748	0.120	0.180	<25.0	535	128	663	-
West Side Wall-2	7/5/2017	3"	Excavated	<0.0372	<0.372	<0.372	<0.0745	<0.372	<0.0745	46.4	1840	259	2,150	-
West Side Wall-3	7/5/2017	3"	Excavated	<0.0199	<0.0199	<0.0199	<0.0398	<0.0199	<0.0398	38.0	1,930	265	2,230	-
FL-1 @ 6"	7/5/2017	6"	Excavated	<0.0185	<0.0185	<0.0185	<0.0370	<0.0185	<0.0370	<25.0	<25.0	34.7	34.7	-
FL-2 @ 6" (In-Situ)	7/5/2017	6"	Treated	0.566	8.89	6.36	8.39	9.03	33.2	1,260	7,280	907	9,450	-
FL-2 @ 18"	7/5/2017	18"	In-Situ	<0.0183	0.0932	0.0896	0.0914	0.0896	0.364	<25.0	191	28.6	220	-
DS-1 @ 1.5'	8/10/2017	1.5'	Excavated	-	-	-	-	-	-	15.3	2,540	715	3,270.3	-
DS-2 @ 2.5'	8/10/2017	2.5'	Treated	-	-	-	-	-	-	210	1,150	222	1,582	-
DS-5 @ 1'	8/10/2017	1'	In-Situ	-	-	-	-	-	-	<0.245	97.6	35.5	133.1	-
Floor #1 @ 10"	8/10/2017	10"	In-Situ	-	-	-	-	-	-	<0.262	729	238	967	-
NSW #1b	8/10/2017	6"	In-Situ	-	-	-	-	-	-	<0.266	50.6	32.8	83.4	-
NSW #2b	8/10/2017	6"	In-Situ	<0.00900	<0.00466	<0.00614	<0.00679	<0.00679	<0.00900	<0.270	79.4	30.4	109.8	-
ESW #1b	8/10/2017	6"	Excavated	<0.00825	<0.00427	<0.00562	<0.00622	<0.00622	<0.00825	<0.0247	1,210	331	1,541	-
SSW #3b	8/10/2017	6"	In-Situ	<0.00789	<0.00408	<0.00538	<0.00595	<0.00595	<0.00789	<0.236	14.2	12.7	26.9	-
SSW #4b	8/10/2017	6"	In-Situ	-	-	-	-	-	-	<0.262	42.1	15.6	57.7	-
WSW #3b	8/10/2017	6"	In-Situ	-	-	-	-	-	-	<0.243	<7.48	<7.48	<7.48	-
DS-1 @ 2'	9/12/2017	2'	In-Situ	-	-	-	-	-	-	<9.88	39.5	<9.88	39.5	-
ESW #1c	9/12/2017	1'	In-Situ	-	-	-	-	-	-	<9.88	<9.88	<9.88	<9.88	-
WSW #2b	9/12/2017	6"	In-Situ	-	-	-	-	-	-	<9.88	10.2	<9.88	10.2	-
12/20 FL-1 @ 6" (In-Situ)	12/20/2017	6"	In-Situ	-	-	-	-	-	-	12.1	4,180	1,550	5,742	-
12/20 DS-2 @ 2.5'	12/20/2017	2.5'	In-Situ	-	-	-	-	-	-	30.3	5,970	2,140	8,140.3	-
NMOCD Regulatory Guideline				10	-	-	-	-	50	-	-	-	1,000	600



LEGEND:

- Confirmation "Sidewall" Sample Location
- ▲ Confirmation "Floor" Sample Location
- Excavated Area
- Unbackfilled Portion

Figure 1

Site & Sample Location Map
Plain's Pipeline, L.P.
Alpha Crude Lynch Station
Lea County, NM

Scale 1" = 12'

Drafted By: JL	Checked By: CS
Draft: January 16, 2018	
Lat. N 32.521555 Long. W103.524896	
TRC Proj. No.: 283491	

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