

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

PLAINS ALL AMERICAN PIPELINE, LP
PALLADIUM 7-1 4-INCH POLY
EDDY COUNTY, NEW MEXICO
PLAINS SRS #: 2013-044

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030							METHOD: 8015M			TPH C ₆ -C ₃₅ (mg/Kg)	4500 Cl-B
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M.P. -XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)		CHLORIDE (mg/Kg)
HA-1 @ 0.5'	0.5'	4/16/2015	In-Situ	0.1220	0.3870	0.0531	0.1840	0.0486	0.2330	0.7950	740	10,600	286	11,600	-
HA-1 @ 1'	1'	4/16/2015	In-Situ	0.0377	0.2040	0.0512	0.1790	0.0361	0.2150	0.5080	742	5,990	213	6,950	-
HA-1 @ 3'	3'	4/16/2015	In-Situ	-	-	-			-	-	552	3,680	102	4,330	-
HA-1 @ 5'	5'	4/16/2015	In-Situ	-	-	-			-	-	852	4,100	105	5,060	-
HA-1 @ 7.5'	7.5'	4/16/2015	In-Situ	-	-	-			-	-	6,380	14,800	376	21,600	-
TT-1 @ 13'	13'	4/29/2015	In-Situ	<0.0540	6.12	4.54	15.7	5.56	21.3	31.9	3,470	8,460	260	12,200	-
TT-1 @ 20'	20'	4/29/2015	In-Situ	<0.1070	16.4	13.7	45.8	17.0	62.8	92.9	1,750	5,330	167	7,250	3.57
SP-N	5'	4/29/2015	In-Situ	-	-	-	-	-	-	-	30.2	1,600	55.6	1,690	-
SP-S	5'	4/29/2015	In-Situ	-	-	-	-	-	-	-	337	4,660	226	5,220	-
SP-E	5'	4/29/2015	In-Situ	-	-	-	-	-	-	-	<15.5	66.6	<15.5	66.6	-
SP-W	5'	4/29/2015	In-Situ	-	-	-	-	-	-	-	<17.0	108	<17.0	108	-
TT-1 @ 24'	24'	5/21/2015	In-Situ	0.2450	10.6	8.46	25.6	10.0	35.6	54.9	1,930	3,990	160	6,080	-
TT-1 @ 26'	26'	5/21/2015	In-Situ	1.20	18.8	10.9	32.7	12.6	45.3	76.2	1,920	3,900	174	5,990	
#1	3.5'	6/1/2015	Excavated	-	-	-	-	-	-	-	1,380	9,020	1,540	11,900	-
#2	3.5'	6/1/2015	Excavated	-	-	-	-	-	-	-	226	3,170	127	3,520	-
#3	3.5'	6/1/2015	In-Situ	-	-	-	-	-	-	-	<17.2	86.8	<17.2	86.8	-
#4	3.5'	6/1/2015	In-Situ	-	-	-	-	-	-	-	<17.8	24.0	<17.8	24.0	-
#5	3.5'	6/1/2015	Excavated	-	-	-	-	-	-	-	1,020	4,670	172	5,860	-
#6	3.5'	6/1/2015	In-Situ	-	-	-	-	-	-	-	<17.0	103	<17.0	103	-
#7	3.5'	6/1/2015	In-Situ	-	-	-	-	-	-	-	81.7	478	<16.7	560	-
#8	3.5'	6/1/2015	Excavated	-	-	-	-	-	-	-	75.9	1,470	45.4	1,590	-
#9	10'	6/1/2015	In-Situ	-	-	-	-	-	-	-	2,490	8,140	268	10,900	-
#10	10'	6/1/2015	In-Situ	-	-	-	-	-	-	-	6,310	12,700	448	19,500	-
#1b @ 9'	9'	6/10/2015	In-Situ	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<16.6	<16.6	<16.6	<16.6	-
#3b @ 9'	9'	6/10/2015	In-Situ	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<16.3	<16.3	<16.3	<16.3	-
#5b @ 9'	9'	6/18/2015	In-Situ	-	-	-	-	-	-	-	1,010	4,620	1,020	6,650	-
TT-1 @ 28'	28'	6/15/2015	In-Situ	-	-	-	-	-	-	-	7,850	12,800	542	14,000	-
TT-1 @ 30'	30'	6/15/2015	In-Situ	-	-	-	-	-	-	-	4,720	9,790	387	13,100	-
#8b @ 9'	9'	6/15/2015	In-Situ	-	-	-	-	-	-	-	<16.7	39.7	<16.7	39.7	-
NMOCD Recommended Remediation Action Level				10						50				5,000	1,000

- = Not analyzed.