

TABLE 1
CONCENTRATIONS OF BTEX, TPH, AND CHLORIDE IN SOIL
ALPHA GATHERING SEG 3 LAT 6E (CONCHO - SCREECH OWL CTB)
PLAINS MARKETING, L.P.
EDDY COUNTY, NM
PLAINS SRS NUMBER: 2017-053

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (feet)	STATUS	Methods: EPA SW 846-8021B, 5030						Methods:				CHLORIDE (mg/Kg)
				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				
										GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	
NMOCD Regulatory Guideline				10	-	-	-	-	50	-	-	-	100	250
D1 @ 2'	3/22/2017	2'	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.174	<27.174	<27.174	<27.174	124
D2 @ 3'	3/22/2017	3'	In-Situ	<0.0238	<0.0476	<0.0238	0.147	0.0369	0.1839	32.393	39.679	<29.762	72.072	162
D3 @ 3'	3/22/2017	3'	Excavated	<0.0217	<0.0435	<0.0217	0.243	0.0572	0.3002	108.34	509.40	53.489	671.229	83.8
D4 @ 2.5'	3/22/2017	2.5'	Excavated	0.123	0.809	0.661	4.46	1.54	7.593	615.94	1523.1	168.80	2,307.84	548
D5 @ 2'	3/22/2017	2'	Excavated	0.0540	0.802	0.717	4.36	1.71	7.6430	485.12	1266.1	163.13	1,914.35	73.4
D6 @ Surface	3/28/2017	Surface	In-Situ	0.667	4.81	2.60	14.8	7.72	30.60	7,490	21,100	2,870	31,460	209
D7 @ Surface	3/28/2017	Surface	In-Situ	2.40	10.1	4.55	25.0	7.85	49.90	11,000	25,700	3,370	40,070	41.4
D8 @ Surface	3/28/2017	Surface	In-Situ	0.745	5.88	2.68	16.5	3.40	29.21	4,850	16,300	2,190	23,340	471
Floor-1 @ 2'	4/19/2017	2'	In-Situ	<0.00111	<0.00222	<0.00111	<0.00222	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	13.3
Floor-2 @ 3	4/19/2017	3'	In-Situ	<0.00122	<0.00244	<0.00122	<0.00244	<0.00122	<0.00244	<30.5	<30.5	<30.5	<30.5	74.1
Floor-3 @ 3'	4/19/2017	3'	In-Situ	<0.0244	1.45	0.981	6.12	2.75	11.3010	122	406	64.8	592.8	37.3
D6-Surface-1' Horiz	4/19/2017	Surface	In-Situ	<0.0208	2.29	1.59	6.42	3.11	13.41	1,570	6,210	824	8,604	52.4
D6-Surface-2.5' Horiz	4/19/2017	Surface	In-Situ	<0.0208	2.61	1.90	6.72	3.23	14.46	1,720	3,910	671	6,301	20.0
D7-Surface-1' Horiz	4/19/2017	Surface	In-Situ	<0.0816	4.04	2.02	8.20	3.59	17.85	2,060	9,790	1,300	13,150	235
D7-Surface-3' Horiz	4/19/2017	Surface	In-Situ	0.129	3.95	1.61	7.11	3.06	15.859	2,100	9,610	1,340	13,050	262
D8-Surface-10" Horiz	4/19/2017	Surface	In-Situ	<0.0204	1.24	1.01	6.41	2.94	11.60	1,450	6,530	986	8,966	197
D8-Surface-2' Horiz	4/19/2017	Surface	In-Situ	<0.0204	0.477	0.329	3.95	1.81	6.566	724	3,860	613	5,197	402
Floor-1 @ 7.5'	6/13/2017	7.5'	Excavated	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<25.0	131.2	39.3	170.5	113
ESW-1 @ 7'	6/13/2017	7'	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.0	33.2	<25.0	33.2	351
ESW-1 @ 4'	6/13/2017	4'	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	76.1	2,463	444.8	2,984	640
Floor-1 @ 9'	6/15/2017	9'	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	227
Conf. D-3 @ 3.5'	6/15/2017	3.5'	In-Situ	-	-	-	-	-	-	61.4	3,420	522	4,003	-
Floor-3 @ 14'	6/23/2017	14'	In-Situ	<0.00108	<0.00215	<0.00108	<0.00215	<0.00108	<0.00215	<26.882	<26.882	<26.882	<26.882	9.18

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										GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	
NMOCD Regulatory Guideline				10	-	-	-	-	50	-	-	-	100	250
Floor-3 ESW @ 13'	6/23/2017	13'	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.174	<27.174	<27.174	<27.174	120
Floor-3 SSW @ 13'	6/23/2017	13'	In-Situ	<0.00112	<0.00225	<0.00112	<0.00225	<0.00112	<0.00225	<28.090	<28.090	<28.090	<28.090	242
Floor-2 @ 9.5'	6/23/2017	9.5'	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.174	32.609	<27.174	32.609	41.8
ESW-2 @ 7.5'	6/23/2017	7.5'	In-Situ	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<26.596	78.202	<26.596	78.202	22.4
ESW-2 @ 4'	6/23/2017	4'	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.174	203.30	42.326	245.626	22.4
Floor-3 WSW @ 13'	6/29/2017	13'	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<25.253	<25.253	<25.253	<25.253	15.0
Floor-3 NSW @ 13'	6/29/2017	13'	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<25.253	<25.253	<25.253	<25.253	45.4
ESW-3 @ 7'	6/29/2017	7'	In-Situ	-	-	-	-	-	-	<25.253	169.60	29.889	199.489	-
WSW-1 @ 7'	6/29/2017	7'	In-Situ	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<25.510	<25.510	<25.510	<25.510	708
SSW-1 @ 7'	6/29/2017	7'	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<25.253	<25.253	<25.253	<25.253	268
SSW-2 @ 7'	6/29/2017	7'	In-Situ	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<25.773	<25.773	<25.773	<25.773	508
Floor-4 @ 8'	8/16/2017	8'	In-Situ	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	113
WSW-3 @ 8'	8/16/2017	8'	In-Situ	<0.00108	<0.00215	<0.00108	<0.00215	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	328
Floor-5 @ 9'	8/16/2017	9'	In-Situ	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	232
WSW-2 @ 7'	8/16/2017	7'	In-Situ	<0.00108	<0.00215	<0.00108	<0.00215	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	280
SSW-3 @ 7'	8/16/2017	7'	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	117
WSW-4 @ 8'	9/21/2017	8'	In-Situ	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	27.8
NSW-1 @ 7'	9/21/2017	7'	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<25.3	<25.3	<25.3	<25.3	29.3
Floor-6 @ 9'	9/21/2017	9'	In-Situ	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<25.5	59.7	46.8	106.5	20.7