

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

OXY USA, INC.
SOUTH LOCO HILLS CTB
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NRM2009941553



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B							EPA SW-846 Method 8015M					EPA 300
					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 C6-C12 (mg/kg)	DRO C12-C28 (mg/kg)	GRO+ DRO (mg/kg)	MRO C28-C35 (mg/kg)	TPH C6-C35 (mg/kg)	CHLORIDE (mg/kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	1,000	NE	2,500	20,000
SP-1 @ Surface	Surface	3/18/2020	Grab	In-Situ	0.202	7.30	32.6	43.5	23.9	67.4	108	4,120	30,000	34,120	2,740	36,900	<4.99
SP-1 @ 4 ft	4'	3/18/2020	Grab	In-Situ	<0.0998	0.776	4.45	4.95	4.25	9.20	14.4	1,410	11,000	12,410	1,090	13,500	42.6
SP-1 @ 6 ft	6'	4/2/2020	Grab	In-Situ	0.457	13.9	38.6	33.6	25.7	59.3	112	2,080	9,660	11,740	1,050	12,800	844
SP-1 @ 8 ft	8'	4/2/2020	Grab	In-Situ	0.0759	1.94	3.99	5.02	3.54	8.56	14.6	563	6,640	7,203	833	8,040	2,660
SP-1 @ 9 ft	9'	4/2/2020	Grab	In-Situ	<0.0404	0.205	1.48	0.656	0.442	1.10	2.78	84.6	1,570	1,655	196	1,850	1,820
SP-1 West @ 1 ft	1'	3/19/2020	Grab	In-Situ	<0.100	0.149	0.797	0.838	0.597	1.44	2.38	<49.8	150	150	<49.8	150	871
SP-1 West @ 2 ft	2'	3/19/2020	Grab	In-Situ	<0.0397	0.0440	0.0540	<0.0794	<0.0397	<0.0397	0.0980	<50.0	183	183	58.30	241	533
SP-1 South @ 1ft	1'	3/19/2020	Grab	In-Situ	<0.0199	0.0423	<0.0199	<0.0398	<0.0199	<0.0199	0.0423	<50.0	140	140	<50.0	140	795
SP-1 South @ 2ft	2'	3/19/2020	Grab	In-Situ	<0.0199	0.0417	0.0269	0.0434	<0.0199	0.0434	0.112	<49.9	86.6	86.6	<49.9	86.6	637
SP-2 @ Surface	Surface	3/18/2020	Grab	In-Situ	<0.100	2.24	14.9	20.4	11.5	31.9	49.0	1,750	13,900	15,650	1,340	17,000	11.4
SP-2 @ 2 ft	2'	3/18/2020	Grab	In-Situ	<0.0020	<0.0020	0.0045	0.0076	0.0073	0.0148	0.0194	<49.9	480	480	74.7	555	<5.02
SP-2 @ 5 ft	5'	4/2/2020	Grab	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<50.0	85.0	85.0	<50.0	85.0	404
SP-2 West @ 1 ft	1'	3/19/2020	Grab	In-Situ	<0.0200	0.0464	<0.0200	<0.0400	<0.0200	<0.0200	0.0464	<50.0	<50.0	<50.0	<50.0	<50.0	34.4
SP-2 West @ 2 ft	2'	3/19/2020	Grab	In-Situ	<0.0202	0.0468	<0.0202	<0.0403	<0.0202	<0.0202	0.0468	<50.0	<50.0	<50.0	<50.0	<50.0	148
SP-3 Surface	Surface	3/18/2020	Grab	In-Situ	0.588	9.67	22.3	49.8	32.5	82.3	115	7,390	45,500	52,890	4,420	57,300	<4.99
SP-3 @ 2 ft	2'	3/18/2020	Grab	In-Situ	<0.0398	0.0604	0.148	0.130	0.106	0.236	0.444	<49.8	541	541	99.5	641	17.5
SP-3 @ 4 ft	4'	4/2/2020	Grab	In-Situ	2.71	75.0	143	133	58.2	191	412	6,160	16,200	22,360	1,470	23,800	10.7
SP-3 @ 6 ft	6'	4/2/2020	Grab	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	0.0034	0.0034	0.0034	<49.9	102	102	<49.9	102	<5.00
SP-3 West @ Surface	Surface	3/19/2020	Grab	In-Situ	<0.0198	0.0420	<0.0198	<0.0397	0.0250	0.0250	0.0670	<49.9	<49.9	<49.9	<49.9	<49.9	9.57
SP-3 West @ 2 ft	2'	3/19/2020	Grab	In-Situ	<0.0996	3.04	9.54	11.9	5.66	17.6	30.1	805	2,620	3,425	217	3,640	8.58
SP-3 East @ Surface	Surface	3/19/2020	Grab	In-Situ	0.0038	0.0551	0.0466	0.0433	0.0215	0.0648	0.170	<250	6,310	6,310	1,340	7,650	<5.05
SP-3 East @ 2 ft	2'	3/19/2020	Grab	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	0.0073	0.0073	0.0073	<49.9	70.1	70.1	<49.9	70.1	<4.99
SP-4 Surface	Surface	3/18/2020	Grab	In-Situ	1.62	80.1	123	142	60.1	202	407	9,040	30,500	39,540	2,620	42,200	14.7
SP-4 @ 2 ft	2'	3/18/2020	Grab	In-Situ	0.349	6.29	21.9	24.8	12.4	37.2	65.7	2,030	9,950	11,980	968	12,900	<4.98
SP-4 @ 4 ft	4'	4/2/2020	Grab	In-Situ	0.132	3.63	7.04	7.80	3.79	11.6	22.4	112	893	1,005	102	1,110	12.4
SP-4 @ 6 ft	6'	4/2/2020	Grab	In-Situ	<0.0399	0.293	1.72	0.745	0.400	1.15	3.16	62.9	755	818	88.6	907	770
SP-4 West @ Surface	Surface	3/19/2020	Grab	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<50.0	<50.0	<50.0	<50.0	<50.0	7.40
SP-4 West @ 2 ft	2'	3/19/2020	Grab	In-Situ	<0.0020	0.0051	0.0022	0.0223	0.0161	0.0384	0.0457	<50.0	<50.0	<50.0	<50.0	<50.0	52.3
SP-4 South @ Surface	Surface	3/19/2020	Grab	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<49.9	<49.9	<49.9	<49.9	<49.9	<4.96
SP-4 South @ 2 ft	2'	3/19/2020	Grab	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<50.0	<50.0	<50.0	<50.0	<50.0	<5.01

NE = Not established

- = Not analyzed

Concentrations in **BOLD** exceed the NMOCD Closure Limit