

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

OXY USA, INC.
INDIAN BASIN STATION 210
EDDY COUNTY, NEW MEXICO
NMOCD REF. #: 2RP-4332



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030							METHOD: 8015M				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 C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended Remediation Action Levels (RRALs)				10	NE	NE	NE	NE	NE	50	NE	NE	NE	5,000	600
SP-1	0.5'	7/26/2017	Excavated	0.0043	0.0421	0.0182	0.0555	0.0334	0.0889	0.154	58.2	179	<15.0	237	2,950
SP-2	0.5'	7/26/2017	Excavated	<0.0020	0.0108	0.0042	0.0160	0.0091	0.0251	0.0401	37.8	192	<14.9	230	2,950
SP-3	0.5'	7/26/2017	Excavated	<0.0020	0.0049	<0.0020	0.0100	0.0048	0.0148	0.0197	<15.0	<15.0	<15.0	<15.0	2,430
SP-4	0.5'	7/26/2017	Excavated	<0.0020	0.0100	0.0027	0.0085	0.0036	0.0121	0.0247	<15.0	43.0	<15.0	43.0	1,220
SP-4 @ 2'	2'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	162
SP-4 @ 4'	4'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	26.3	<15.0	26.3	82.1
SP-5	0.5'	7/26/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	1,080
SP-5 @ 3'	3'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	872
SP-5 @ 5'	5'	10/12/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	612
SP-5 @ 6'	6'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	550
SP-6	0.5'	7/26/2017	Excavated	<0.0020	0.0411	0.0454	0.3070	0.0704	0.3770	0.4640	233	398	<15.0	631	3,100
SP-7	0.5'	7/26/2017	Excavated	<0.0020	0.0023	<0.0020	0.0062	0.0031	0.0093	0.0116	<15.0	<15.0	<15.0	<15.0	2,430
SP-7 @ 2'	2'	9/7/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	0.0025	0.0025	0.0025	<15.0	<15.0	<15.0	<15.0	869
SP-7 @ 5'	5'	9/7/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<14.9	46.3	<14.9	46.3	1,160
SP-7 @ 6'	6'	10/12/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	33.2
SP-7 @ 7'	7'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	20.5	<15.0	20.5	323
SP-8	0.5'	7/26/2017	Excavated	<0.0020	<0.0020	0.0027	0.0120	0.0040	0.0160	0.0187	<15.0	83.6	<15.0	83.6	1,550
SP-8 @ 1'	1'	9/7/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	1,370
SP-8 @ 3'	3'	9/7/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	45.8	<15.0	45.8	1,020
SP-8 @ 4'	4'	10/12/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	184
SP-8 @ 5'	5'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	150
SP-9 @ 2'	2'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	139
SP-9 @ 5'	5'	10/12/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	17.5
Section A - Wall #1	6"	12/22/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	1,150
Section A - Wall #1b	6"	12/27/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	618
Section A - Wall #2	6"	12/22/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	179
Section A - Wall #3	6"	12/13/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	0.0031	0.0031	0.0031	<15.0	<15.0	<15.0	<15.0	512
Section A - Wall #4	6"	12/29/2017	In-Situ	<0.0020	<0.0020	0.0053	0.0048	<0.0020	0.0048	0.0101	<15.0	<15.0	19.7	19.7	290

NE = Not established

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Concentrations in BOLD exceed NMOCD RRALs

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				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)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended Remediation Action Levels (RRALs)				10	NE	NE	NE	NE	NE	50	NE	NE	NE	5,000	600
Section B - Wall #1	2.5'	12/19/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	823
Section B - Wall #1b	2.5'	3/22/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	258
Section B - Wall #2	2.5'	12/19/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	1,130
Section B - Wall #3	2.5'	12/19/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	844
Section B - Wall #4	2.5'	12/19/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	363
Section B - Wall #5	2.5'	12/20/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	275
Section B - Wall #6	2.5'	12/19/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	292
Section B - Wall #7	2.5'	12/19/2017	Excavated	-	-	-	-	-	-	-	-	-	-	-	-
Section B - Wall #8	2.5'	12/20/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	255
Section B - Wall #9	2.5'	12/21/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	114
Section B - Wall #10	2.5'	12/21/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	445
Section B - Wall #11	2.5'	12/22/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	2,070
Section B - Wall #11b	2.5'	4/5/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	323
Section B - Wall #12	2.5'	12/21/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	271
Section B - Wall #13	2.5'	12/21/2017	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	493
Section B - Wall #14	2.5'	12/21/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	980
Section B - Wall #14b	2.5'	3/22/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	377
Section B - Wall #15	2.5'	12/21/2017	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	622
Section B - Wall #16	2.5'	3/14/2018	Excavated	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	963
Section B - Floor #1	4'	3/22/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	178
Section C - Wall #1	2.5'	3/22/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	402
Section C - Wall #2	2.5'	3/22/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	541
Section C - Floor #1	4'	3/22/2018	In-Situ	<0.0020	<0.0020	<0.0020	<0.0040	<0.0020	<0.0020	<0.0020	<15.0	<15.0	<15.0	<15.0	550

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