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Legend

Soil Boring

Section D

SB-2

Section C

Section B

SB-1

Section A



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

FASKEN OIL & RANCH, LTD.
DENTON SWD #3 1/2015
LEA COUNTY, NEW MEXICO
NMOC REFERENCE #: 1RP-3602

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TPH C ₆ -C ₂₈ (mg/Kg)	EPA: 300 CHLORIDE (mg/Kg)
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (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)		
TT-1B	2.5'	2/19/2015	In-Situ	<0.050	0.056	<0.050	<0.150	0.056	<10.0	<10.0	<10.0	<10.0	128
TT-1E	1.5'	2/19/2015	In-Situ	<0.050	0.063	<0.050	<0.150	0.063	<10.0	<10.0	<10.0	<10.0	96.0
TT-2B	1.5'	2/19/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
TT-3A	3'	2/19/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
TT-4B	2'	2/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
TT-5C	2'	2/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
TT-6A	2'	2/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	688
TT-7A	2'	2/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
TT-8A	2.5'	3/24/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,160
TT-9A	2.5'	3/24/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,280
TT-10D	2.5'	3/24/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
TT-11A	2'	3/24/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,920
TT-12A	2'	3/24/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
TT-13B	1.5'	3/24/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
N. Wall #1	3.5'	8/6/2015	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	192
E. Wall #2	3.5'	8/6/2015	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	128
E. Wall #4	3.5'	8/6/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
E. Wall #8b	3.5'	8/6/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
E. Wall #12	3.5'	8/11/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	18.4	20.3	<10.0	38.7	<16.0
E. Wall #14c	3.5'	8/11/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
E. Wall #16	3.5'	8/11/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
E. Wall #18	3.5'	8/11/2015	In-Situ	-	-	-	-	-	-	-	-	-	176
E. Wall #20	3.5'	8/11/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
E. Wall #6c	3.5'	8/12/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
E. Wall #10b	3.5'	8/12/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
E. Wall #22	3.5'	8/12/2015	In-Situ	-	-	-	-	-	-	-	-	-	128
E. Wall #24	3.5'	8/12/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
E. Wall #26c	3.5'	8/12/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
E. Wall #28	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
E. Wall #30	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	32.0
S. Wall #1	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
W. Wall #1	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	864
W. Wall #2	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	1,180
W. Wall #3	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,600
W. Wall #4	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	5,120
W. Wall #5	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
W. Wall #6	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	608

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				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (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)		
W. Wall #7	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,360
W. Wall #8	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	2,640
W. Wall #9	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,760
W. Wall #10	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	2,560
W. Wall #11	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,440
W. Wall #12	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	720
W. Wall #13	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	5,680
W. Wall #14	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	1,720
W. Wall #15	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,010
W. Wall #16	3.5'	8/13/2015	In-Situ	-	-	-	-	-	-	-	-	-	816
W. Wall #17	3.5'	8/13/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	864
Floor #2	4'	8/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
Floor #4	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	480
Floor #6	4'	8/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
Floor #8	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	912
Floor #10	4'	8/20/2015	In-Situ	<0.050	0.115	<0.050	<0.150	0.115	<10.0	<10.0	<10.0	<10.0	2,880
Floor #12	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	544
Floor #14	4'	8/20/2015	In-Situ	<0.050	0.197	<0.050	<0.150	0.197	<10.0	<10.0	<10.0	<10.0	1,630
Floor #16	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	576
Floor #18	4'	8/20/2015	In-Situ	<0.050	0.298	<0.050	<0.150	0.298	<10.0	<10.0	<10.0	<10.0	352
Floor #20	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	80.0
Floor #22	4'	8/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
Floor #24	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	240
Floor #26	4'	8/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	912
Floor #28	4'	8/20/2015	In-Situ	-	-	-	-	-	-	-	-	-	512
Floor #30	4'	8/20/2015	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	992
NMOCD Recommended Remediation Action Level				10				50				1,000	500

- = Not analyzed.