

Table 1
Baker Canyon Spill
Surface Soil Sample Summary

LABORATORY DATA SUMMARY									
Sample ID	SS1	SS2	BKGND-1	BKGND-2	BKGND-3	BKGND-4	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS
Sample Depth	0-6"	0-6"	12-18"	12-18"	12-18"	12-18"			
Longitude	-108.243597	-108.24362	-108.243454	-108.243273	-108.243401	-108.243665			
Latitude	39.464715	39.464470	39.464348	39.464495	39.464930	39.465035			
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab			
Sample Description	Soil -Surface (POR)	Soil - Surface End	Soil	Soil	Soil	Soil			
Sample Date	4/20/2021	4/20/2021	4/20/2021	4/20/2021	4/20/2021	4/20/2021			
Analytical Parameters							Residential Soil Screening Level	Protection of Groundwater	
TPH									
TPH Gasoline Range Organics	10900	1.37	NT	NT	NT	NT	500		mg/kg
TPH Diesel Range Organics	1480	7.23	NT	NT	NT	NT			
TPH Oil Range Organics	48	12.4	NT	NT	NT	NT			
TOTAL TPH	12428	21	NT	NT	NT	NT			
BTX									
Benzene	83.8 V	0.0463	NT	NT	NT	NT	1.2	0.0026	mg/kg
Toluene	1030	0.362	NT	NT	NT	NT	490	0.69	mg/kg
Ethylbenzene	117 V	0.0173	NT	NT	NT	NT	5.8	0.78	mg/kg
Total Xylenes	1810	0.310	NT	NT	NT	NT	58	9.9	mg/kg
TMB									
1,2,4-Trimethylbenzene	187	0.0234	NT	NT	NT	NT	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	171 V	0.0201	NT	NT	NT	NT	27	0.0087	mg/kg
Metals									
Arsenic	7.21	7.71	10.1	7.60	8.35	8.98	0.68	0.29	mg/kg
Barium	163	202	NT	NT	NT	NT	15,000	82	mg/kg
Cadmium	ND	ND	NT	NT	NT	NT	71	0.38	mg/kg
Chromium (Hexavalent)	ND	ND	NT	NT	NT	NT	0.3	0.00067	mg/kg
Copper	17.6	15.5	NT	NT	NT	NT	3,100	46	mg/kg
Lead	9.18	8.15	NT	NT	NT	NT	400	14	mg/kg
Nickel	15.8	14.8	NT	NT	NT	NT	1,500	26	mg/kg
Selenium	ND	ND	NT	NT	NT	NT	390	0.26	mg/kg
Silver	ND	ND	NT	NT	NT	NT	390	0.8	mg/kg
Zinc	52.1	49.2	NT	NT	NT	NT	23,000	370	mg/kg
SAR Metals Analysis									
Sodium Adsorption Ratio	14.4	5.35	8.87	2.55	0.666	1.34	<6		ratio
Polynuclear Aromatic Hyrdrocarbons									
Acenaphthene	0.103	ND	NT	NT	NT	NT	360	0.55	mg/kg
Anthracene	ND	ND	NT	NT	NT	NT	1,800	5.8	mg/kg
Benzo(a)anthracene	ND	ND	NT	NT	NT	NT	1.1	0.011	mg/kg
Benzo(a)pyrene	ND	ND	NT	NT	NT	NT	0.11	0.24	mg/kg
Benzo(b)fluoranthene	ND	ND	NT	NT	NT	NT	1.1	0.3	mg/kg
Benzo(k)fluoranthene	ND	ND	NT	NT	NT	NT	11	2.9	mg/kg
Chrysene	ND	ND	NT	NT	NT	NT	110	9	mg/kg
Dibenzo(a,h)anthracene	ND	ND	NT	NT	NT	NT	0.11	0.096	mg/kg
Fluoranthene	ND	ND	NT	NT	NT	NT	240	8.9	mg/kg
Fluorene	0.310	ND	NT	NT	NT	NT	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	ND	ND	NT	NT	NT	NT	1.1	0.98	mg/kg
1-Methylnapthalene	4.74	ND	NT	NT	NT	NT	18	0.006	mg/kg
2-Methylnapthalene	13.2	ND	NT	NT	NT	NT	24	0.019	mg/kg
Napthalene	7.94	ND	NT	NT	NT	NT	2	0.0038	mg/kg
Pyrene	ND	ND	NT	NT	NT	NT	180	1.3	mg/kg
General Chemistry									
Boron	0.683	0.885	0.911	0.868	0.453	0.433	2		mg/L
Specific Conductivity	2.12	1.55	2.14	0.439	0.729	0.314	<4		mmhos/cm
pH	7.77 T8	8.01 T8	8.35 T8	8.50 T8	8.17 T8	8.60 T8	6-8.3		su

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

J - indicates an estimated value

mmhos/cm - millimhos per centimeter

mv - millivolts

su - standard units

NA - not applicable

NT - parameter was not tested

ND - not detected above method detection limit

T8 - Samples received past/too close to holding time expiration

V - The sample volume is too high to evaluate accurate spike recoveries

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.

Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.

Over COGCC Table 915-1 concentration levels

LABORATORY DATA SUMMARY																
Sample ID	SB1-BKGND-1 (MW1)	SB1-BKGND-1 (MW1)	SB1-BKGND-1 (MW1)	SB1-BKGND-1 (MW1)	SB1-BKGND-2 (MW1)	SB1-BKGND-2 (MW1)	SB1-BKGND-2 (MW1)	SB1-BKGND-2 (MW1)	SB1-BKGND-3 (MW1)	SB1-BKGND-3 (MW1)	SB1-BKGND-3 (MW1)	SB1-BKGND-3 (MW1)	SB1-BKGND-3 (MW1)	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS
Sample Depth	8.5-10.5'	8.5-10.5'	8.5-10.5'	8.5-10.5'	23.5-25.5'	23.5-25.5'	23.5-25.5'	23.5-25.5'	48.5-50.5'	48.5-50.5'	48.5-50.5'	48.5-50.5'				
Longitude	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976	39.464976				
Latitude	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553	-108.243553				
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab				
Sample Description	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring				
Sample Date	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021				
Analytical Parameters													Residential Soil Screening Level	Protection of Groundwater		
TPH															500	mg/kg
TPH Gasoline Range Organics	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
TPH Diesel Range Organics	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
TPH Oil Range Organics	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
TOTAL TPH	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT			
BTEX																
Benzene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.2	0.0026	mg/kg
Toluene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	490	0.69	mg/kg
Ethylbenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.8	0.78	mg/kg
Total Xylenes	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	58	9.9	mg/kg
TMB																
1,2,4-Trimethylbenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	27	0.0087	mg/kg
Metals																
Arsenic	12.4	12.9	12.5	16.4	6.55	6.25	9.28	6.25	7.72	10.4	13.4	8.62	0.68	0.29		mg/kg
Barium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	15,000	82		mg/kg
Cadmium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	71	0.38		mg/kg
Chromium (Hexavalent)	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.3	0.00067		mg/kg
Copper	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3,100	46		mg/kg
Lead	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	400	14		mg/kg
Nickel	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1,500	26		mg/kg
Selenium	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	0.26		mg/kg
Silver	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	0.8		mg/kg
Zinc	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	23,000	370		mg/kg
SAR Metals Analysis																
Sodium Adsorption Ratio	1.38	NT	NT	NT	1.47	NT	NT	NT	8.31	NT	NT	NT	NT	<6		ratio
Polynuclear Aromatic Hydrocarbons																
Acenaphthene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	360	0.55	mg/kg
Anthracene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1,800	5.8	mg/kg
Benzo(a)anthracene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.1	0.011	mg/kg
Benzo(a)pyrene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.11	0.24	mg/kg
Benzo(b)fluoranthene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.1	0.3	mg/kg
Benzo(k)fluoranthene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	11	2.9	mg/kg
Chrysene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	110	9	mg/kg
Dibenzo(a,h)anthracene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.11	0.096	mg/kg
Fluoranthene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	240	8.9	mg/kg
Fluorene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1.1	0.98	mg/kg
1-Methylnaphthalene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	18	0.006	mg/kg
2-Methylnaphthalene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	24	0.019	mg/kg
Naphthalene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2	0.0038	mg/kg
Pyrene	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	180	1.3	mg/kg
General Chemistry																
Boron	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2		mg/L
Specific Conductivity	0.401	NT	NT	NT	0.645	NT	NT	NT	0.819	NT	NT	NT	NT	<4		mmhos/cm
pH	8.46	NT	NT	NT	8.60	NT	NT	NT	8.58	NT	NT	NT	NT	6-8.3		su

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested
ND - not detected above method detection limit
TB - Samples received past/too close to holding time expiration
V - The sample volume is too high to evaluate accurate spike recoveries

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 915-1 concentration levels.

Table 3
Baker Canyon Spill
SB2 Soil Sample Summary

LABORATORY DATA SUMMARY										
Sample ID	SB2-SS1 (MW2)	SB2-SS2 (MW2)	SB2-SS3 (MW2)	SB2-SS4 (MW2)	SB2-SS5 (MW2)	SB2-SS6 (MW2)	SB2-SS7(MW2)	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS
Sample Depth	8-10'	15-17'	20-22'	25-27'	30-32'	35-37'	40-42'			
Longitude	39.464605	39.464605	39.464605	39.464605	39.464605	39.464605	39.464605			
Latitude	-108.243642	-108.243642	-108.243642	-108.243642	-108.243642	-108.243642	-108.243642			
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab			
Sample Description	Soil boring	Soil Boring	Soil Boring	Soil Boring	Soil Boring	Soil Boring	Soil Boring			
Sample Date	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021			
Analytical Parameters								Residential Soil Screening Level	Protection of Groundwater	
TPH										
TPH Gasoline Range Organics	0.412	0.322	0.846	0.595	1.07	0.567	0.546	500		mg/kg
TPH Diesel Range Organics	20.3	23.2	27.4	5.49	ND	ND	ND			
TPH Oil Range Organics	86.7	92.7	112	20.4	ND	4.88	9.62			
TOTAL TPH	107.412	116.222	140.246	26.485	1.07	5.447	10.166			
BTEX										
Benzene	0.00135	ND	ND	0.00105	ND	0.0012	ND	1.2	0.0026	mg/kg
Toluene	0.00507	ND	ND	0.00567	ND	0.00657	ND	490	0.69	mg/kg
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	5.8	0.78	mg/kg
Total Xylenes	ND	ND	ND	0.01190	ND	ND	ND	58	9.9	mg/kg
TMB										
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	27	0.0087	mg/kg
Metals										
Arsenic	12	14.5	10.2	8.37	6.71	7.35	8.53	0.68	0.29	mg/kg
Barium	287	315	294	194	104	176	178	15,000	82	mg/kg
Cadmium	ND	ND	ND	ND	ND	ND	ND	71	0.38	mg/kg
Chromium (Hexavalent)	ND	ND	ND	ND	ND	ND	ND	0.3	0.00067	mg/kg
Copper	19.3	21.5	17.4	19	18	18	18.5	3,100	46	mg/kg
Lead	11.2	13.6	10.4	10.8	12.4	9.66	10.3	400	14	mg/kg
Nickel	19.1	21	16.4	16.9	16.4	16.5	16.5	1,500	26	mg/kg
Selenium	ND	ND	ND	ND	ND	2.22	2.17	390	0.26	mg/kg
Silver	ND	ND	ND	ND	ND	ND	ND	390	0.8	mg/kg
Zinc	57.9	55.7	53.2	60.5	59.4	52.6	55.2	23,000	370	mg/kg
SAR Metals Analysis										
Sodium Adsorption Ratio	1.54	1.59	1.68	1.48	1.75	3.44	5.2	<6		ratio
Polynuclear Aromatic Hydrocarbons										
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	360	0.55	mg/kg
Anthracene	ND	ND	ND	ND	ND	ND	ND	1,800	5.8	mg/kg
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	1.1	0.011	mg/kg
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	0.11	0.24	mg/kg
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	1.1	0.3	mg/kg
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	11	2.9	mg/kg
Chrysene	ND	ND	ND	ND	ND	ND	ND	110	9	mg/kg
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.11	0.096	mg/kg
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	240	8.9	mg/kg
Fluorene	ND	ND	ND	ND	ND	ND	ND	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	1.1	0.98	mg/kg
1-Methylnapthalene	ND	ND	ND	ND	ND	ND	ND	18	0.006	mg/kg
2-Methylnapthalene	ND	ND	ND	ND	ND	ND	ND	24	0.019	mg/kg
Napthalene	ND	ND	ND	ND	ND	ND	ND	2	0.0038	mg/kg
Pyrene	ND	ND	ND	ND	ND	ND	ND	180	1.3	mg/kg
General Chemistry										
Boron	0.275	0.272	0.295	0.286	0.312	0.326	0.326	2		mg/L
Specific Conductivity	0.505	0.442	0.408	0.450	0.400	0.546	0.681	<4		mmhos/cm
pH	8.42	8.51	8.64	8.48	8.74	8.67	8.70	6-8.3		su

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mg/L - milligrams per liter
J - indicates an estimated value
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested
ND - not detected above method detection limit
T8 - Samples received past/too close to holding time expiration
V - The sample volume is too high to evaluate accurate spike recoveries

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.

Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.

Over COGCC Table 915-1 concentration levels

LABORATORY DATA SUMMARY											
Sample ID	SB3-SS1 (MW3)	SB3-SS2 (MW3)	SB3-SS3 (MW3)	SB3-SS4 (MW3)	SB3-SS5 (MW3)	SB3-SS6 (MW3)	SB3-SS7 (MW3)	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS	
Sample Depth	8-10'	15-17'	20-22'	25-27'	30-32'	35-37'	40-42'				
Longitude	39.464750	39.464750	39.464750	39.464750	39.464750	39.464750	39.464750				
Latitude	-108.24361	-108.24361	-108.24361	-108.24361	-108.24361	-108.24361	-108.24361				
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab				
Sample Description	Soil	Soil	Soil	Soil	Soil	Soil	Soil				
Sample Date	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021	4/29/2021				
Analytical Parameters								Residential Soil Screening Level	Protection of Groundwater		
TPH											
TPH Gasoline Range Organics	464	257	118	1440	0.883	0.897	0.476	500		mg/kg	
TPH Diesel Range Organics	0.377	18.1	26.4	62.7	ND	ND	ND				
TPH Oil Range Organics	32	65.4	101	115	ND	6.58	7.47				
TOTAL TPH	496.377	340.5	245.4	1617.7	0.883	7.477	7.946				
BTEX											
Benzene	0.377	0.281	0.657	1.36	0.00215	0.00104	ND	1.2	0.0026	mg/kg	
Toluene	32	10.2	1.99	37.5	0.00666	ND	ND	490	0.69	mg/kg	
Ethylbenzene	4.91	0.887	0.0836	3.05	ND	ND	ND	5.8	0.78	mg/kg	
Total Xylenes	76.6	12.2	1.15	44.3	ND	ND	ND	58	9.9	mg/kg	
TMB											
1,2,4-Trimethylbenzene	1.9	0.154	ND	ND	ND	ND	ND	30	0.0081	mg/kg	
1,3,5-Trimethylbenzene	1.82	0.243	ND	ND	ND	ND	ND	27	0.0087	mg/kg	
Metals											
Arsenic	15.5	8.84	6.02	4.43	7.46	7.23	6.97	0.68	0.29	mg/kg	
Barium	279	419	207	181	197	169	124	15,000	82	mg/kg	
Cadmium	ND	ND	ND	ND	ND	ND	ND	71	0.38	mg/kg	
Chromium (Hexavalent)	ND	ND	ND	ND	ND	ND	ND	0.3	0.00067	mg/kg	
Copper	19.5	17.8	15.7	16.6	20.6	16.8	17.3	3,100	46	mg/kg	
Lead	13	10.8	7.12	9.56	10.9	9.4	12.2	400	14	mg/kg	
Nickel	20.3	17.7	12.1	14.1	17	15.7	16.6	1,500	26	mg/kg	
Selenium	ND	ND	ND	ND	2.26	ND	ND	390	0.26	mg/kg	
Silver	ND	ND	ND	ND	ND	ND	ND	390	0.8	mg/kg	
Zinc	65.2	62.3	43.9	51.2	56.2	52.6	57.9	23,000	370	mg/kg	
SAR Metals Analysis											
Sodium Adsorption Ratio	1.81	1.39	1.45	1.86	2.05	7.3	6.54	<6		ratio	
Polynuclear Aromatic Hydrocarbons											
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	360	0.55	mg/kg	
Anthracene	ND	ND	ND	ND	ND	ND	ND	1,800	5.8	mg/kg	
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	1.1	0.011	mg/kg	
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	0.11	0.24	mg/kg	
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	1.1	0.3	mg/kg	
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	11	2.9	mg/kg	
Chrysene	ND	ND	ND	ND	ND	ND	ND	110	9	mg/kg	
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.11	0.096	mg/kg	
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	240	8.9	mg/kg	
Fluorene	ND	ND	ND	ND	ND	ND	ND	240	0.54	mg/kg	
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	1.1	0.98	mg/kg	
1-Methylnapthalene	ND	ND	ND	ND	ND	ND	ND	18	0.006	mg/kg	
2-Methylnapthalene	ND	ND	ND	ND	ND	ND	ND	24	0.019	mg/kg	
Napthalene	ND	ND		0.0778	ND	ND	ND	2	0.0038	mg/kg	
Pyrene	ND	ND	ND	ND	ND	ND	ND	180	1.3	mg/kg	
General Chemistry											
Boron	0.242	0.307	0.282	0.328	0.346	0.408	ND	2		mg/L	
Specific Conductivity	0.205	0.288	0.246	0.326	0.372	0.53	0.52	<4		mmhos/cm	
pH	8.71	8.51	8.12	8.51	8.41	8.83	8.97	6-8.3		su	

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested
ND - not detected above method detection limit
T8 - Samples received past/too close to holding time expiration
V - The sample volume is too high to evaluate accurate spike recoveries

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 915-1 concentration levels

Table 5
Baker Canyon Spill
SB4 Soil Sample Summary

LABORATORY DATA SUMMARY									
Sample ID	SB4-SS1 (MW4)	SB4-SS2 (MW4)	SB4-SS3 (MW4)	SB4-SS4 (MW4)	SB4-SS5 (MW4)	SB4-SS6 (MW4)	SB4-SS7 (MW4)	COGCC TABLE 915-1 CONCENTRATION LEVELS	
Sample Depth	8-10'	15-17'	20-22'	25-27'	30-32'	35-37'	40-42'		
Longitude	39.464682	39.464682	39.464682	39.464682	39.464682	39.464682	39.464682		
Latitude	-108.243651	-108.243651	-108.243651	-108.243651	-108.243651	-108.243651	-108.243651		
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
Sample Description	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring		
Sample Date	4/30/2021	4/30/2021	4/30/2021	4/30/2021	4/30/2021	4/30/2021	4/30/2021		
Analytical Parameters								Residential Soil Screening Level	Protection of Groundwater
TPH									
TPH Gasoline Range Organics	59.1	2.17	2.89	0.683	0.697	0.573	7.75	500	
TPH Diesel Range Organics	18.8	29.7	15.9	8.04	ND	ND	8.11		
TPH Oil Range Organics	103	114	59.4	28.6	4.66	8.41	25.8		
TOTAL TPH	180.9	145.87	78.19	37.323	5.357	8.983	41.66		
BTEX									
Benzene	0.0293	0.0054	0.0022	0.00411	ND	ND	ND	1.2	0.0026
Toluene	1.04	0.00585	ND	0.0155	ND	ND	ND	490	0.69
Ethylbenzene	0.0255	ND	ND	ND	ND	ND	ND	5.8	0.78
Total Xylenes	0.1	ND	ND	0.0	ND	ND	ND	58	9.9
TMB									
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	30	0.0081
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	27	0.0087
Metals									
Arsenic	9.56	8.58	8.62	8.98	5.69	7.14	7.75	0.68	0.29
Barium	262	182	132	191	139	161	202	15,000	82
Cadmium	ND	ND	ND	ND	ND	ND	ND	71	0.38
Chromium (Hexavalent)	ND	ND	ND	ND	ND	ND	ND	0.3	0.00067
Copper	16.9	18.7	16.5	19.1	19.2	17.7	17.8	3,100	46
Lead	8.53	10.8	9.61	9.61	10.1	9.66	10.5	400	14
Nickel	16.9	17.3	15.2	14.2	17.9	16.6	16.7	1,500	26
Selenium	ND	ND	ND	ND	ND	ND	2.02	390	0.26
Silver	ND	ND	ND	ND	ND	ND	ND	390	0.8
Zinc	52	55.4	52.9	50.6	59.8	55.4	58.7	23,000	370
SAR Metals Analysis									
Sodium Adsorption Ratio	1.93	1.64	1.69	1.39	4.64	5.64	6.36	<6	
Polynuclear Aromatic Hydrocarbons									
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	360	0.55
Anthracene	ND	ND	ND	ND	ND	ND	ND	1,800	5.8
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	1.1	0.011
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	0.11	0.24
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	1.1	0.3
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	11	2.9
Chrysene	ND	ND	ND	ND	ND	ND	ND	110	9
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.11	0.096
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	240	8.9
Fluorene	ND	ND	ND	ND	ND	ND	ND	240	0.54
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	1.1	0.98
1-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	18	0.006
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	24	0.019
Napthalene	ND	ND	ND	ND	ND	ND	ND	2	0.0038
Pyrene	ND	ND	ND	ND	ND	ND	ND	180	1.3
General Chemistry									
Boron	0.273	0.308	0.313	0.251	0.39	0.359	0.41	2	
Specific Conductivity	0.358	0.282	0.239	0.449	0.495	0.459	0.686	<4	
pH	8.35	8.58	8.52	8.3	8.88	8.97	8.84	6-8.3	

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NA - not applicable
NT - parameter was not tested
ND - not detected above method detection limit
TB - Samples received past/too close to holding time expiration
V - The sample volume is too high to evaluate accurate spike recoveries

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 915-1 concentration levels

LABORATORY DATA SUMMARY									
Sample ID	SB5-SS1 (MW5)	SB5-SS2 (MW5)	SB5-SS3 (MW5)	SB5-SS4 (MW5)	SB5-SS5 (MW5)	SB5-SS6 (MW5)	SB5-SS7 (MW5)	COGCC TABLE 915-1 CONCENTRATION LEVELS	
Sample Depth	8-10'	15-17'	20-22'	25-27'	30-32'	35-37'	40-42'		
Longitude	39.464671	39.464671	39.464671	39.464671	39.464671	39.464671	39.464671		
Latitude	-108.243593	-108.243593	-108.243593	-108.243593	-108.243593	-108.243593	-108.243593		
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
Sample Description	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring	Soil boring		
Sample Date	4/30/2021	4/30/2021	4/30/2021	4/30/2021	4/30/2021	4/30/2021	4/30/2021		
Analytical Parameters								Residential Soil Screening Level	Protection of Groundwater
TPH									
TPH Gasoline Range Organics	223	112	1.99	8.89	0.886	ND	0.348	500	
TPH Diesel Range Organics	19.3	35.5	14	19.5	ND	ND	ND		
TPH Oil Range Organics	83	98	58.3	49.7	ND	11.3	10.7		
TOTAL TPH	325.3	245.5	74.29	78.09	0.886	11.3	11.048		
BTX									
Benzene	0.116	0.197	0.00478	0.865	0.00302	0.00123	ND	1.2	0.0026
Toluene	17.1	0.161	0.0165	13.1	0.0398	0.00863	ND	490	0.69
Ethylbenzene	0.176	ND	ND	1.17	0.00359	ND	ND	5.8	0.78
Total Xylenes	2.0	0.103	0.0117	18.3	0.06	0.01	ND	58	9.9
TMB									
1,2,4-Trimethylbenzene	ND	ND	ND	ND	0.00686	ND	ND	30	0.0081
1,3,5-Trimethylbenzene	ND	ND	ND	ND	0.00537	ND	ND	27	0.0087
Metals									
Arsenic	8.64	9.05	7.5	8.89	7.59	7.02	7.93	0.68	0.29
Barium	236	240	138	129	164	195	195	15,000	82
Cadmium	ND	ND	ND	ND	ND	ND	ND	71	0.38
Chromium (Hexavalent)	ND	ND	ND	ND	ND	ND	ND	0.3	0.00067
Copper	16.6	18	16.9	16.7	18.8	18.1	15.8	3,100	46
Lead	8.64	9.23	9.38	10.5	9.91	8.34	9.24	400	14
Nickel	14.6	17.1	15.4	14.8	16	16.4	16.2	1,500	26
Selenium	ND	ND	ND	ND	ND	ND	ND	390	0.26
Silver	ND	ND	ND	ND	ND	ND	ND	390	0.8
Zinc	45.6	55.3	54	55.1	55.9	54.9	55.6	23,000	370
SAR Metals Analysis									
Sodium Adsorption Ratio	1.51	1.42	1.76	1.68	2.14	6.89	8.44	<6	
Polynuclear Aromatic Hydrocarbons									
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	360	0.55
Anthracene	ND	ND	ND	ND	ND	ND	ND	1,800	5.8
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	1.1	0.011
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	0.11	0.24
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	1.1	0.3
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	11	2.9
Chrysene	ND	ND	ND	ND	ND	ND	ND	110	9
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	0.11	0.096
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	240	8.9
Fluorene	ND	ND	ND	ND	ND	ND	ND	240	0.54
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	1.1	0.98
1-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	18	0.006
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	24	0.019
Napthalene	ND	ND	ND	0.110	ND	ND	ND	2	0.0038
Pyrene	ND	ND	ND	ND	ND	ND	ND	180	1.3
General Chemistry									
Boron	0.324	0.384	0.353	0.223	0.345	0.324	0.333	2	
Specific Conductivity	0.291	1.65	0.359	0.389	0.444	0.619	0.712	<4	
pH	8.34	8	8.49	8.4	8.55	9.06	8.93	6-8.3	

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