

TABLE 2 - SOIL ANALYTICAL RESULTS -ORGANIC ANALYTES
BONANZA CREEK ENERGY OPERATING COMPANY, LLC
SPILL POINT ID: 481037
STATE PRONGHORN 41-32 CPF
NENE SEC.32 T5N R61W
WELD COUNTY, COLORADO

Analyte	GRO	DRO	ORO	Benzene	Toluene	Ethylbenzene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(a,h)anthracen	Fluoranthene	Fluorene	Indeno(1,2,3-cd)Pyre	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Pyrene				
	915-1 PROTECTION OF GW			500	0.0026	0.69	0.78	9.9	0.0081	0.0087	0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	5.9	0.54	0.98	0.006	0.019	0.0038	1.3			
915-1 RESIDENTIAL SOIL			500	1.2	490	5.8	58	30	27	360	1800	1.1	1.1	11	0.11	110	0.11	240	240	1.1	18	24	2	180				
Sample Name	Sample Type	Sample Date	Units			mg/kg																						
PW-SS-01 @ 7'	Soil	11/5/2021	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	0.00664	0.00826	0.00312	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.00043	<0.00067	0.00166	<0.00067	<0.00067	<0.00067	<0.00067			
PW-SS-02 @ 7'	Soil	11/5/2021	512	1180	496	7.76	0.249	1.19	2.69	1.26	16.3	0.0382	0.00491	0.00536	0.00322	<0.0067	<0.0067	0.0792	<0.0067	<0.0067	0.171	<0.0067	1.17	0.843	0.252	0.0167		
PW-SS-03 @ 7'	Soil	11/5/2021	165	584	259	<0.00200	<0.00200	0.0533	0.173	0.185	0.303	0.089	<0.0067	0.0183	0.00945	<0.0067	0.00371	0.156	<0.0067	<0.0067	0.377	<0.0067	2.86	2.05	0.891	0.0456		
PW-SS-03 @ 3'	Soil	11/5/2021	2100	4770	2490	1.23	25	13.9	49.6	21.8	5.22	0.245	0.0296	0.0219	0.0344	<0.0335	0.0229	0.391	0.0222	<0.0335	1.03	0.0147	9.06	8.39	3.16	0.129		
PW-SS-04 @ 7'	Soil	11/5/2021	<0.200	<25.0	121	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000564	<0.00067	0.00173	0.000686	<0.00067	<0.00067				
PW-SS-05 @ 1'	Soil	11/5/2021	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	0.000394	<0.00067	<0.00067				
PW-SS-06 @ 1'	Soil	11/5/2021	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335				
PW-SS-07 @ 1'	Soil	11/5/2021	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-FS-01 @ 8'	Soil	11/5/2021	64.4	222	122	<0.00200	0.00650	0.00790	0.248	0.276	0.274	0.0169	0.00205	0.00239	<0.0335	<0.0335	<0.0335	0.0318	<0.0335	<0.0335	0.071	<0.0335	0.251	0.0208	0.0121	0.00644		
PW-FS-02 @ 2'	Soil	11/5/2021	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335				
PW-CS-01 @ 8'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-02 @ 8'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-03 @ 8'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	0.000602	0.00218	<0.00067	0.00648	<0.00067	<0.00067	0.00645	<0.00067	0.000512	0.00432	<0.00067	0.000841	<0.00067	<0.00067	0.00313			
PW-CS-04 @ 8'	Soil	1/13/2022	88.1	2100	821	<0.00200	<0.00200	0.00456	0.466	0.231	0.502	0.09	0.0241	0.0499	<0.0134	<0.0134	<0.0134	0.069	<0.0134	0.00923	0.318	<0.0134	1.97	0.309	0.0636	0.0701		
PW-CS-05 @ 3'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-06 @ 3'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335	<0.00335				
PW-CS-07 @ 3'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	0.000618	<0.00067	0.000529	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-FS-01 @ 9'	Soil	1/13/2022	<0.200	53.1	177	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	0.0101	0.00736	0.00218	0.00158	0.00116	<0.00067	0.000716	0.0154	<0.00067	0.00106	0.0277	<0.00067	0.0955	0.00397	0.00341	0.00643		
PW-CS-FS-02 @ 4'	Soil	1/13/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-08 @ 8.5'	Soil	6/14/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-09 @ 8.5'	Soil	6/14/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-FS-03 @ 10'	Soil	6/14/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				
PW-CS-FS-04 @ 10'	Soil	6/14/2022	<0.200	<25.0	<100	<0.00200	<0.00200	<0.00200	<0.00200	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067				

Notes:
 Bold with silver highlight: Exceeds RSSLs
 Bold with blue highlight: Exceeds POGs
 "<" (as in, less than laboratory reporting detection limit)