Blue Chip Oil, Inc. - Morales Battery Decommissioning - Soil Sample Results Table

Contaminant of Concern	Unit	915-1		11/7/25														
				BK1 @ 18"	BK1 @ 4'	BK2 @ 18"	BK2 @ 4'	BK3 @ 18"	BK3 @ 4'	BK4 @ 18"	BK4 @ 4'	M-SEP @ 18"	M-NT @ 18"	M-ST @ 18"	PW F @ 4'	PW N @ 3'	PW W @ 3'	PW S @ 3'	PW E @ 3'
Calcium	meq/L	-	-	1.79	1.59	1.31	10.85	2.31	6.6	3.77	19.77	3.49	2.4	3.29	2.21	2.12	2.04	4.03	1.93
Magnesium	meq/L	-	-	1.66	2.39	<0.82	20	<0.82	9.66	2.42	40.11	<0.82	0.97	1.28	1.07	1.09	1.16	2.41	0.84
Sodium	meq/L	-	-	0.87	0.78	0.68	14.66	<0.43	4.49	2.52	40.75	34.15	0.88	0.95	0.46	0.61	0.57	1.2	<0.43
SAR	-	6	6	0.66	0.55	0.67	3.73	0.28	1.58	1.43	7.45	11.79	0.68	0.63	0.36	0.48	0.45	0.67	0.27
Specific Conductance (EC)	mmhos/cm	4	4	0.47	0.51	0.33	4.13	0.41	2.1	1.06	8.17	3.39	0.42	0.53	0.35	0.38	0.35	0.75	0.29
Chromium, Hexavalent	mg/kg	0.3	0.00067	0.08	0.13	0.19	0.08	0.09	0.08	0.12	0.1	0.15	0.14	0.13	0.1	0.1	0.09	0.09	0.11
Boron	mg/l	2	2	0.19	0.23	0.23	1.69	0.2	0.13	0.36	0.61	2.2	0.35	0.4	0.3	0.35	0.15	0.37	0.32
pH	-	8.3	8.3	8.09	8.3	8.09	8.07	7.91	7.94	7.94	7.94	8.08	7.93	7.85	8.09	8.17	8.2	8.09	8.13
Arsenic	mg/kg	0.68	0.29	6.7	7.75	7.62	6.43	6.68	5.96	5.51	6.06	6.37	6.81	5.66	4.19	4.08	4.85	5.88	4.06
Barium	mg/kg	15000	82	209.97	146.96	168.63	166.87	178.28	200.8	144.04	120.21	140.55	146.28	129.61	96.89	89.54	112.46	164.72	89.86
Cadmium	mg/kg	71	0.38	0.21	0.15	0.26	0.24	0.23	0.2	0.24	0.19	0.23	0.27	0.22	0.14	0.14	0.16	0.22	0.12
Copper	mg/kg	3100	46	11.3	12	16.01	11.71	11.76	11.47	11.74	11.34	12.79	13.82	12.28	8.35	8.17	9.48	12.2	7.66
Lead	mg/kg	400	14	11.53	11.39	15.38	11.5	11.27	11.61	12.85	11.73	13.09	52.21	12.94	8.4	7.06	8.84	12.97	6.77
Nickel	mg/kg	1500	26	13.37	14.31	18.61	13.46	14.23	14.09	12.66	12.96	13.49	15.01	13.61	8.09	8.58	10.12	13.6	7.89
Selenium	mg/kg	390	0.26	2.87	2.49	3.91	2.77	2.88	3.1	2.79	2.54	3.05	3.46	3.05	2.32	2.24	2.31	2.96	2.18
Silver	mg/kg	390	0.8	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25	<0.25 - RL-1	<0.25 - RL-1	<0.25 - RL-1	<0.25
Zinc	mg/kg	23000	370	46.89	47.16	74.92	49.29	47.39	52.51	50.91	49.38	52.77	57.57	52.58	33.59	33.19	39.26	56.36	31.52
Diesel (C10-C28)	mg/kg	500	500									<100	ND <100	ND <100	ND <100	ND <100	ND <100	ND <100	ND <100
Residual Range Organics (C28-C40)	mg/kg	500	500									<100	ND <100	ND <100	<100	ND <100	ND <100	ND <100	ND <100
Gasoline Range Hydrocarbons	mg/kg	500	500									ND - <0.223	ND - <0.223	ND - <0.223	ND - <0.223	<0.223	<0.223	<0.223	<0.223
1-Methylnaphthalene	mg/kg	18	0.006									ND - <0.00313	ND - <0.00313	ND - <0.00313	ND - <0.00313	ND - <0.00313	ND - <0.00313	ND - <0.00313	ND - <0.00313
2-Methylnaphthalene	mg/kg	24	0.019									<0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010
Acenaphthene	mg/kg	360	0.55									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Anthracene	mg/kg	1800	5.8									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Benzo(a)anthracene	mg/kg	1.1	0.011									<0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010
Benzo(a)pyrene	mg/kg	0.11	0.24									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Benzo(b)fluoranthene	mg/kg	1.1	0.3									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Benzo(k)fluoranthene	mg/kg	11	2.9									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Chrysene	mg/kg	110	9									<0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010	ND <0.010
Dibenz(a,h)anthracene	mg/kg	0.11	0.096									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Fluoranthene	mg/kg	240	8.9									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Fluorene	mg/kg	240	0.54									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Indeno(1,2,3-cd)pyrene	mg/kg	1.1	0.98									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010
Naphthalene	mg/kg	2	0.0038									ND - <0.00306	ND - <0.00306	ND - <0.00306	ND - <0.00306	ND - <0.00306	ND - <0.00306	ND - <0.00306	ND - <0.00306
Pyrene	mg/kg	180	1.3									ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	ND - <0.010	<0.010	ND <0.010	<0.010
1,2,4-Trimethylbenzene	mg/kg	30	0.0081									<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
1,3,5-Trimethylbenzene	mg/kg	27	0.0081									<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
Benzene	mg/kg	1.2	0.0026									ND - <0.0015	<0.0015	<0.0015	ND <0.0015	ND <0.0015	<0.0015	<0.0015	ND <0.0015
Ethylbenzene	mg/kg	5.8	0.78									ND - <0.0014	<0.0014	<0.0014	ND <0.0014	<0.0014	<0.0014	<0.0014	<0.0014
m&p Xylene	mg/kg											<0.0029	<0.0029	<0.0029	<0.0029	0.0052	<0.0029	<0.0029	0.0065
o xylene	mg/kg											ND - <0.0014	<0.0014	<0.0014	ND <0.0014	<0.0014	<0.0014	<0.0014	<0.0014
Toluene	mg/kg	490	0.69									<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016
Xylenes, total	mg/kg	58	9.9									<0.0043	<0.0043	<0.0043	<0.0043	0.0052	<0.0043	<0.0043	0.0065