

Whiting Petroleum McLaughlin 67-68	COGCC Table 910-1 Threshold	Sample Locations							
		10/25/2019	12/6/2019	10/25/2019					
		Lab ID: 19102081	Lab ID: 1168306	Lab ID: 19102081	Lab ID: 19102081	Lab ID: 19102081	Lab ID: 19102079		
		North Pit Wall @ 4'	North Pit Wall @ 5'	South Pit Wall @ 4'	West Pit Wall @ 4'	East Pit Wall @ 4'	BKGD 1	BKGD 2	BKGD 3
DRO	500	720	22.6	140	14	280	-	-	-
GRO		ND	-	ND	ND	ND	-	-	-
BENZENE	0.17	ND	-	ND	ND	ND	-	-	-
TOLUENE	85	ND	-	ND	ND	ND	-	-	-
ETHYLBENZENE	100	0.0085	-	ND	ND	ND	-	-	-
XYLENE TOTAL	175	0.027	-	ND	ND	ND	-	-	-
ACENAPHTHENE	1,000	ND	-	ND	ND	ND	-	-	-
ANTHRACENE	1,000	ND	-	ND	ND	ND	-	-	-
BENZO(A)ANTHRACENE	0.22	ND	-	0.042	ND	ND	-	-	-
BENZO(A)PYRENE	0.022	ND	-	ND	ND	ND	-	-	-
BENZO(B)FLUORANTHENE	0.22	ND	-	ND	ND	ND	-	-	-
BENZO(K)FLUORANTHENE	2.2	ND	-	ND	ND	ND	-	-	-
CHRYSENE	22	ND	-	0.043	ND	ND	-	-	-
DIBENZO(A,H)ANTHRACENE	0.022	ND	-	ND	ND	ND	-	-	-
FLUORANTHENE	1,000	ND	-	ND	ND	ND	-	-	-
FLUORENE	1,000	ND	-	ND	ND	ND	-	-	-
INDENO(1,2,3-CD)PYRENE	0.22	ND	-	ND	ND	ND	-	-	-
NAPHTHALENE	23	ND	-	0.073	ND	ND	-	-	-
PYRENE	1,000	ND	-	0.06	ND	ND	-	-	-
ARSENIC	0.39	8.7	-	5.8	6.3	5.4	4.4	4.9	4.4
BARIUM	15,000	180	-	170	400	240	-	-	-
CADMIUM	70	0.68	-	0.5	0.25	0.18	-	-	-
CHROMIUM	-	11	-	9.4	10	6.3	-	-	-
CHROMIUM (III)	120,000	9.6	-	9.4	10	6.3	-	-	-
CHROMIUM (IV)	23	1.1	-	ND	ND	ND	-	-	-
COPPER	3,100	13	-	10	7.7	6.3	-	-	-
LEAD	400	18	-	12	9.4	8.5	-	-	-
MERCURY	23	0.032	-	0.044	0.015	0.011	-	-	-
NICKEL	1,600	22	-	13	13	9.9	-	-	-
SELENIUM	390	1.4	-	0.96	ND	0.37	-	-	-
SILVER	390	0.091	-	0.061	ND	ND	-	-	-
ZINC	23,000	82	-	54	45	40	-	-	-
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkcd	9.9	-	9.9	1.1	0.82	0.73	0.72	1.1
pH	6 to 9	7.70	-	7.7	8.51	8.13	8.36	8.18	7.76
SODIUM ADSORPTION RATIO (SAR)	12	0.098	-	0.28	0.27	0.23	0.3	0.16	0.12

Exceeds COGCC Table 910-1 thresholds

Compliant with COGCC Table 910-1 thresholds following excavation

Within background concentrations

"-" not analyzed

ND = Non-Detect

All results are reported in mg/kg, unless otherwise noted