

Whiting Petroleum Equity Federal 1-7 (spill)	COGCC Table 910-1 Threshold	Sample Locations		Background Samples		
		Inside Containment (North) @3'	Inside Containment (South) @3'	BKGD 1	BKGD 2	BKGD 3
		Lab # 19102078-01		L1083371	L1083371	L1083371
		10/25/2019		3/27/2019	3/27/2019	3/27/2019
TEPH (DRO)	500	110	10	-	-	-
TVPH (GRO)		4.000	ND	-	-	-
BENZENE	0.17	ND	ND	-	-	-
TOLUENE	85	ND	ND	-	-	-
ETHYLBENZENE	100	ND	ND	-	-	-
XYLENE TOTAL	175	ND	ND	-	-	-
ACENAPHTHENE	1,000	ND	ND	-	-	-
ANTHRACENE	1,000	ND	ND	-	-	-
BENZO(A)ANTHRACENE	0.22	ND	ND	-	-	-
BENZO(A)PYRENE	0.022	ND	ND	-	-	-
BENZO(B)FLUORANTHENE	0.22	ND	ND	-	-	-
BENZO(K)FLUORANTHENE	2.2	ND	ND	-	-	-
CHRYSENE	22	ND	ND	-	-	-
DIBENZO(A,H)ANTHRACENE	0.022	ND	ND	-	-	-
FLUORANTHENE	1,000	ND	ND	-	-	-
FLUORENE	1,000	ND	ND	-	-	-
INDENO(1,2,3-CD)PYRENE	0.22	ND	ND	-	-	-
NAPHTHALENE	23	ND	ND	-	-	-
PYRENE	1,000	ND	ND	-	-	-
ARSENIC	0.39	6	8.1	4.41	5.65	4.6
BARIUM	15,000	130	75	-	-	-
CADMIUM	70	0.17	0.19	-	-	-
CHROMIUM (III)	120,000	11	8.5	-	-	-
CHROMIUM (IV)	23	11	8.5	-	-	-
COPPER	3,100	12	12	-	-	-
LEAD	400	17	19	-	-	-
MERCURY	23	0.042	0.06	-	-	-
NICKEL	1,600	14	15	-	-	-
SELENIUM	390	1.4	1.4	-	-	-
SILVER	390	0.086	0.11	-	-	-
ZINC	23,000	72	91	-	-	-
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkgd	7	6.8	0.2	0.3	0.6
pH	6 to 9	7.64	7.74	7.62	8.79	9.7
SODIUM ADSORPTION RATIO (SAR)	12	2.7	4.5	24	4.48	3.07

Within Background concentrations

Exceeds Table 910-1 standards

"-" not analyzed

ND = Non-Detect

TBD - Analysis still being analyzed at lab