

Foundation Energy Federal 3-10 Facility ID: 119465	COGCC Table 910-1 Threshold	Sample Locations				
		10/20/2020				
		Lab ID: L1276088				
		Pit Bottom @ 5'	North Sidewall @ 5'	South Sidewall @ 5'	West Sidewall @ 5'	East Sidewall @ 5'
DRO	500	247	232	5.2	38.7	46.1
GRO		ND	ND	ND	ND	ND
BENZENE	0.17	0.000888	0.000861	0.00089	0.0019	ND
TOLUENE	85	ND	ND	ND	ND	ND
ETHYLBENZENE	100	ND	ND	ND	ND	ND
XYLENE TOTAL	175	ND	ND	ND	ND	ND
ACENAPHTHENE	1,000	ND	-	-	-	-
ANTHRACENE	1,000	ND	-	-	-	-
BENZO(A)ANTHRACENE	0.22	ND	-	-	-	-
BENZO(A)PYRENE	0.022	ND	-	-	-	-
BENZO(B)FLUORANTHENE	0.22	ND	-	-	-	-
BENZO(K)FLUORANTHENE	2.2	ND	-	-	-	-
CHRYSENE	22	ND	-	-	-	-
DIBENZO(A,H)ANTHRACENE	0.022	ND	-	-	-	-
FLUORANTHENE	1,000	ND	-	-	-	-
FLUORENE	1,000	ND	-	-	-	-
INDENO(1,2,3-CD)PYRENE	0.22	ND	-	-	-	-
NAPHTHALENE	23	ND	-	-	-	-
PYRENE	1,000	ND	-	-	-	-
ARSENIC	0.39	4.14	-	-	-	-
BARIUM	15,000	200	-	-	-	-
CADMIUM	70	ND	-	-	-	-
CHROMIUM	-	12.2	-	-	-	-
CHROMIUM (III)	120,000	12.2	-	-	-	-
CHROMIUM (IV)	23	ND	-	-	-	-
COPPER	3,100	10.9	-	-	-	-
LEAD	400	12.4	-	-	-	-
MERCURY	23	ND	-	-	-	-
NICKEL	1,600	11.5	-	-	-	-
SELENIUM	390	ND	-	-	-	-
SILVER	390	ND	-	-	-	-
ZINC	23,000	40.8	-	-	-	-
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkgd	2.98	4.38	3.66	0.669	4.12
pH	6 to 9	7.9	7.92	7.97	8.62	7.97
SODIUM ADSORPTION RATIO (SAR)	12	0.953	4.54	2.48	0.859	4.49

Exceeds COGCC Table 910-1 thresholds

Within background concentrations

"-" not analyzed

ND = Non-Detect

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