

Gordon Engineering Federal 9-3 Facility Closure	COGCC Table 915-1 Threshold (RSS Level)	FACILITY SAMPLE LOCATIONS			BACKGROUNDS	
		7/27/2023			8/17/2023	
		Lab ID: L1640190			Lab ID: L1647297	
		WEST 1 @ 4'	EAST 1 @ 1'	Tank 2 @ 1'	BKGD 1 @ 3'	BKGD 2 @ 2'
GRO (C6-C10)	500	ND	ND	0.0597	0.0798	0.0238
DRO (C10-C28)		2.95	17.1	5.39	7.65	3.86
ORO (C28-C36)		10.3	55.7	7.86	9.43	11.8
BENZENE	1.2	ND	ND	ND	ND	ND
TOLUENE	490	ND	ND	0.00145	ND	0.00155
ETHYLBENZENE	5.8	ND	ND	ND	ND	ND
XYLENES, TOTAL	58	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	30	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	27	ND	ND	ND	ND	ND
1-METHYLNAPHTHALENE	18	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE	24	ND	ND	ND	ND	ND
ACENAPHTHENE	360	ND	ND	ND	ND	ND
ANTHRACENE	1,800	ND	ND	ND	ND	ND
BENZO(A)ANTHRACENE	1.1	ND	ND	ND	ND	ND
BENZO(A)PYRENE	0.11	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	1.1	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	11	ND	ND	ND	ND	ND
CHRYSENE	110	ND	ND	ND	ND	ND
DIBENZ(A,H)ANTHRACENE	0.11	ND	ND	ND	ND	ND
FLUORANTHENE	240	ND	ND	ND	ND	ND
FLUORENE	240	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	1.1	ND	ND	ND	ND	ND
NAPHTHALENE	2	ND	ND	ND	ND	ND
PYRENE	180	ND	ND	ND	ND	ND
ARSENIC	0.68	3.8	3.45	4.06	3.98	4.15
BARIUM	15,000	45	106	103	56	74
CADMIUM	71	0.333	0.325	0.354	0.393	0.275
HEXAVALENT CHROMIUM	0.3	ND	ND	ND	ND	ND
COPPER	3,100	8.07	9.74	8.69	9.4	8.28
LEAD	400	10.3	26.3	12.6	12	16.1
NICKEL	1,500	11.7	10	14.5	13.6	10.7
SELENIUM	390	0.621	0.523	0.535	0.606	0.572
SILVER	390	ND	ND	ND	ND	0.0938
ZINC	23,000	56.4	54.8	57.6	49.7	51.3
HOT WATER SOL. BORON	2	0.322	0.22	0.396	0.292	0.36
ELECTRICAL CONDUCTIVITY (EC) (mmho/cm)	<4 mmhos/cm or x2 bkgd	2.21	0.974	0.146	# # # #	0.542
pH	6 to 8.3	9.81	9.23	9	9.13	8.72
SODIUM ADSORPTION RATIO (SAR)	6	7.43	5.47	8.01	1.23	4.2

*Note: WEST 1 equates to Tank 1 (as seen on the map)

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

Boron (hot water soluble extract) is reported in mg/l

Exceedances are highlighted in yellow (except if below or within background allowance)

ND= Not Detected

- indicates not tested