

Table 915-1			Lowe 1-B SWD Sample Date 4/23/24					Lowe 1-B SWD Sample Date 9/25/24
CLEANUP CONCENTRATIONS			BG-2	BG-4	WH-2	WH-4	FL 90-4	WHFL 90-6
Contaminant of Concern	Concentrations							
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	<500mg/kg		ND	ND	29	23.45	ND	ND
Soils and Groundwater - liquid hydrocarbons including condensate and oil	below visual detection limits		N/A	N/A	N/A	N/A	N/A	N/A
Soil Suitability for Reclamation								
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm		0.327	0.458	0.344	0.328	0.434	0.434
Sodium adsorption ratio (SAR) (by saturated paste method)	<6		1.01	2.93	1.19	1.18	2.67	2.67
pH (by saturated paste method)	6–8.3		8.16	8.37	7.96	7.97	8.4	7.87
boron (hot water soluble soil extract)	2mg/l		0.435	0.701	0.455	0.327	0.703	0.703
Soils	Residential Soil Screening Level Concentrations (mg/kg)	Protection of Groundwater Soil Screening Level Concentrations (mg/kg)						
Organic Compounds in Soils								
benzene	1.2	0.0026 (M)	ND	ND	ND	ND	ND	ND
toluene	490	0.69 (M)	ND	ND	ND	ND	ND	ND
ethylbenzene	5.8	0.78 (M)	ND	ND	ND	ND	ND	ND
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	9.9 (M)	ND	ND	ND	ND	ND	ND
1,2,4-trimethylbenzene	30	0.0081 (R)	ND	ND	ND	ND	ND	ND
1,3,5-trimethylbenzene	27	0.0087 (R)	ND	ND	ND	ND	ND	ND
acenaphthene	360	0.55 (R)	ND	ND	ND	ND	ND	ND
anthracene	1800	5.8 (R)	ND	ND	ND	ND	ND	ND
benz(a)anthracene	1.1	0.011 (R)	ND	ND	ND	ND	ND	ND
benzo(b)fluoranthene	1.1	0.3 (R)	ND	ND	ND	ND	ND	ND
benzo(k)fluoranthene	11	2.9 (R)	ND	ND	ND	ND	ND	ND
benzo(a)pyrene	0.11	0.24 (M)	ND	ND	ND	ND	ND	ND
chrysene	110	9 (R)	ND	ND	ND	ND	ND	ND
dibenzo(a,h)anthracene	0.11	0.096 (R)	ND	ND	ND	ND	ND	ND
fluoranthene	240	8.9 (R)	ND	ND	ND	ND	ND	ND
fluorene	240	0.54 (R)	ND	ND	ND	ND	ND	ND
indeno(1,2,3-cd)pyrene	1.1	0.98 (R)	ND	ND	ND	ND	ND	ND
1-methylnaphthalene	18	0.006 (R)	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	24	0.019 (R)	ND	ND	ND	ND	ND	ND
naphthalene	2	0.0038 (R)	ND	ND	ND	ND	ND	ND
pyrene	180	1.3 (R)	ND	ND	ND	ND	ND	ND
Metals in Soils								
arsenic	0.68	0.29 (M)	4.83	5.2	4.13	3.98	4.61	4.61
barium	15000	82 (M)	186	253	181	158	252	252
cadmium	71	0.38 (M)	ND	ND	ND	ND	ND	ND
chromium (VI)	0.3	0.00067 (R)	ND	ND	ND	ND	ND	ND
copper	3100	46 (M)	10.8	9.99	11.3	10.2	10.1	10.1
lead	400	14 (M)	11.3	9.17	12.7	13	9.37	9.37
nickel	1500	26 (R)	12.2	12.1	11.6	11	11.4	11.4
selenium	390	0.26 (M)	ND	ND	ND	ND	ND	ND
silver	390	0.8 (R)	ND	ND	ND	ND	ND	ND
zinc	23000	370 (R)	39.2	37.2	43.2	25	38.3	38.3

The letter “( R )” following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter “( M )” following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.