

Table 915-1 - Lols 21-3 TR PIT		10/19/2022					2/1/2023				6/23/2023				8/23/2023				11/28/2023			
CLEANUP CONCENTRATIONS		Sample #1	Sample #2	Sample #3	Sample #4	Sample #5 - NATIVE	Sample #1	Sample #2	Sample #3	Sample #4	Sample #1	Sample #2	Sample #3	Sample #4	Sample #1	Sample #2	Sample #3	Sample #4	Sample #1	Sample #2	Sample #3	Sample #4
Contaminant of Concern	Concentrations	37.26932, -104.78955	37.26925, -104.78955	37.26931, -104.78952	37.26923, -104.78951	37.26938, -104.78940	37.26932, -104.78955	37.26925, -104.78955	37.26931, -104.78952	37.26923, -104.78951	37.26932, -104.78955	37.26925, -104.78955	37.26931, -104.78952	37.26923, -104.78951	37.26932, -104.78955	37.26925, -104.78955	37.26931, -104.78952	37.26923, -104.78951	37.26932, -104.78955	37.26925, -104.78955	37.26931, -104.78952	37.26923, -104.78951
Soil TPH (total volatile [C6-C10] and extractable [C10-C28] hydrocarbons)	500mg/kg																					
Soil and Groundwater - liquid hydrocarbons including condensate and oil	below visual detection limits																					
Soil Suitability for Reclamation																						
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.69	0.54	0.75	0.52	0.17																
Sodium adsorption ratio (SAR) (by saturated paste method)	<6	14	13	10	11	ND	6	32	7.9	3.7	6	32	14	3.7		20	12		7.21	21.1	14.9	18.8
pH (by saturated paste method)	6-8.3	8.9	8.3	8.5	8.6	8.3	9.2	9.3	8.5	9.2	9.5	9.2	9.3	9.7	8.9	9.6	8.4	8.9		8.89	8.38	
boron (hot water soluble soil extract)	2mg/l	ND	ND	ND	ND	ND																
Organic Compounds in Groundwater																						
benzene	500 µg/l																					
toluene	500 to 1,000µg/l																					
ethylbenzene	700µg/l																					
xylene (sum of o-, m- and p- isomers = total xylenes)	1,400 to 10,000µg/l																					
naphthalene	150µg/l																					
1,2,4-trimethylbenzene	87µg/l																					
1,3,5-trimethylbenzene	67 µg/l																					
Groundwater Inorganic Parameters																						
total dissolved solids (TDS)	<1,200 X local background																					
chloride ion	250mg/l or <1.25 X local background																					
sulfate ion	250mg/l or <1.25 X local background																					
Soils		Residential Soil Screening Level Concentrations (mg/kg)	Protection of Groundwater Soil Screening Level Concentrations (mg/kg)																			
Organic Compounds in Soils																						
benzene	1.2	0.0028 (M)																				
toluene	490	0.69 (M)																				
ethylbenzene	5.8	0.78 (M)																				
xylene (sum of o-, m- and p- isomers = total xylenes)	58	0.9 (M)																				
1,2,4-trimethylbenzene	39	0.0081 (R)																				
1,3,5-trimethylbenzene	27	0.0087 (R)																				
acronaphthene	360	0.55 (R)																				
anthracene	1800	5.8 (R)																				
benzofluoranthene	1.1	0.011 (R)																				
benzo[b]fluoranthene	1.1	0.3 (R)																				
benzo[a]fluoranthene	1.1	2.9 (R)																				
benzo[a]pyrene	0.11	0.24 (M)																				
chrysene	110	8 (R)																				
fluorene	0.11	0.099 (R)																				
fluoranthene	240	8.9 (R)																				
fluorene	250	0.54 (R)																				
indeno[1,2,3-cd]pyrene	1.1	0.98 (R)																				
1-methylanthracene	18	0.006 (R)																				
2-methylnaphthalene	26	0.019 (R)																				
naphthalene	2	0.0038 (R)																				
pyrene	180	1.3 (R)																				
Metals in Soils																						
arsenic	0.68	0.29 (M)																				
barium	15000	84 (M)	160	170	150	270	170															
cadmium	71	0.38 (M)	ND	ND	ND	ND	ND															
chromium (VI)	0.3	0.00067 (R)																				
copper	3100	46 (M)																				
lead	400	14 (M)																				
nickel	1500	26 (R)																				
potassium	390	0.26 (M)																				
silver	39	0.8 (R)	ND	ND	ND	ND	ND															
zinc	22500	370 (R)																				

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.