

Table 915-1 - PCW 23-4		12/6/2022			
CLEANUP CONCENTRATIONS		SS1	SS2	SS3	SS4 - Native
Contaminant of Concern	Concentrations	37°06'58.453"N, 104°40'49.599W	37°06'38.135N, 104°40'50.386W	37°06'36.985N, 104°40'52.062W	37°06'38.214N, 104°40'47.953W
		37.116237, -104.680444	37.110593, -104.680663	37.110274, -104.681128	37.110615, -104.679987
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500mg/kg				
Soils 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	0.29	0.55	0.71	0.13
Sodium adsorption ratio (SAR) (by saturated paste method)	<6	12	27	4.1	ND
pH (by saturated paste method)	6-8.3	8.7	9	7.7	8.3
boron (hot water soluble soil extract)	2mg/l	ND	ND	ND	ND
Organic Compounds in Groundwater					
benzene	5µg/l				
toluene	560 to 1,000µg/l				
ethylbenzene	700µg/l				
xylenes (sum of o-, m- and p- isomers = total xylenes)	1,400 to 10,000µg/l				
naphthalene	140µg/l				
1,2,4-trimethylbenzene	67µg/l				
1,3,5-trimethylbenzene	67µg/l				
Groundwater Inorganic Parameters					
total dissolved solids (TDS)	<1.25 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	0.0026 (M)			
toluene	490	0.69 (M)			
ethylbenzene	5.8	0.78 (M)			
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	9.9 (M)			
1,2,4-trimethylbenzene	30	0.0081 (R)			
1,3,5-trimethylbenzene	27	0.0087 (R)			
acenaphthene	360	0.55 (R)			
anthracene	1800	5.8 (R)			
benz(a)anthracene	1.1	0.011 (R)			
benzo(b)fluoranthene	1.1	0.3 (R)			
benzo(k)fluoranthene	11	2.9 (R)			
benzo(a)pyrene	0.11	0.24 (M)			
chrysene	110	9 (R)			
dibenzo(a,h)anthracene	0.11	0.096 (R)			
fluoranthene	240	8.9 (R)			
fluorene	240	0.54 (R)			
indeno(1,2,3-cd)pyrene	1.1	0.98 (R)			
1-methylnaphthalene	18	0.006 (R)			
2-methylnaphthalene	24	0.019 (R)			
naphthalene	2	0.0038 (R)			
pyrene	180	1.3 (R)			
Metals in Soils					
arsenic	0.68	0.29 (M)			
barium	15000	82 (M)			
cadmium	71	0.38 (M)			
chromium (VI)	0.3	0.00067 (R)			
copper	3100	46 (M)			
lead	400	14 (M)			
nickel	1500	26 (R)			
selenium	390	0.26 (M)			
silver	390	0.8 (R)			
zinc	23000	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.