

Table 915-1 - PCW 23-4		12/6/2022				1/17/2023		3/28/2023				5/22/2023		8/8/2023			
CLEANUP CONCENTRATIONS		S81	S82	S83	S84 - Native	S81	S82	S81	S82	S83	S84 - Native	S81	S82	S81	S82	S83	S84 - Native
Contaminant of Concern	Concentrations	37.11063, -104.68052	37.11055, -104.68069	37.11027, -104.68114	37.11061, -104.68000	37.11063, -104.68052	37.11055, -104.68069	37.11063, -104.68052	37.11055, -104.68069	37.11027, -104.68114	37.11061, -104.68000	37.11063, -104.68052	37.11055, -104.68069	37.11063, -104.68052	37.11055, -104.68069	37.11027, -104.68114	37.11061, -104.68000
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	12	24	11	32			1.7	24		12		
pH (by saturated paste method)	6-8.3	8.7	9	7.7	8.3	8.3	8.6		8.7				8.8		8.6		
boron (hot water soluble soil extract)	2mg/l	ND	ND	ND	ND												
Organic Compounds in Groundwater																	
benzene	5ug/l																
toluene	560 to 1,000ug/l																
ethylbenzene	700ug/l																
xylene (sum of o-, m- and p- isomers = total xylenes)	1,400 to 10,000ug/l																
naphthalene	140ug/l																
1,2,4-trimethylbenzene	67ug/l																
1,3,5-trimethylbenzene	67ug/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	0.79 (M)															
xylene (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	380	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)															
dibenz(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)						4.1	3.8	3.8	2.6						
barium	15000	82 (M)						580	350	330	300						
cadmium	71	0.38 (M)						ND	ND	ND	ND						
chromium (VI)	0.3	0.00067 (R)												ND	ND	ND	ND
copper	3100	46 (M)						35	33	27	28						
lead	400	14 (M)						19	19	15	15						
nickel	1500	26 (R)						18	19	14	16						
selenium	390	0.26 (M)						1.1	1	0.84	0.59						
ND	390	0.8 (R)						ND	ND	ND	ND						
zinc	23000	370 (R)						99	110	81	84						

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.