

Table 915-1		11/9/2021		2/22/2022				
CLEANUP CONCENTRATIONS		Angel 44-7 Composite	Angel 44-7 Native	Angel 44-7 Sample 1	Angel 44-7 Sample 2	Angel 44-7 Sample 3	Angel 44-7 Native	
Contaminant of Concern		37.09432, -104.59721	37.09432, -104.59721	37.09465, -104.59723	37.09471, -104.59728	37.09466, -104.59737	37.09469, -104.59743	
Concentrations								
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500mg/kg	ND	ND					
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	0.27	0.65	2.5	0.22	0.12	0.17	
Sodium adsorption ratio (SAR) (by saturated paste method)	<6	ND	ND	3.8	ND	ND	ND	
pH (by saturated paste method)	6-8.3	8.4	8.3	6.8	7.7	7.7	7.7	
boron (hot water soluble soil extract)	2mg/l	ND	ND	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)	ND	ND				
toluene	490	0.69 (M)	ND	ND				
ethylbenzene	5.8	0.78 (M)	ND	ND				
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	9.9 (M)	ND	ND				
1,2,4-trimethylbenzene	30	0.0081 (R)	ND	ND				
1,3,5-trimethylbenzene	27	0.0087 (R)	ND	ND				
acenaphthene	360	0.55 (R)	ND					
anthracene	1800	5.8 (R)	ND					
benz(a)anthracene	1.1	0.011 (R)	ND					
benzo(b)fluoranthene	1.1	0.3 (R)	ND					
benzo(k)fluoranthene	11	2.9 (R)	ND					
benzo(a)pyrene	0.11	0.24 (M)	ND					
chrysene	110	9 (R)	ND					
dibenzo(a,h)anthracene	0.11	0.096 (R)	ND					
fluoranthene	240	8.9 (R)	ND					
fluorene	240	0.54 (R)	ND					
indeno(1,2,3-cd)pyrene	1.1	0.98 (R)	ND					
1-methylnaphthalene	18	0.006 (R)	ND					
2-methylnaphthalene	24	0.019 (R)	ND					
naphthalene	2	0.0038 (R)	ND					
pyrene	180	1.3 (R)	ND					
Metals in Soils								
arsenic	0.68	0.29 (M)	3.2	2.1	3.6	3.2	3.4	2.2
barium	15000	82 (M)	110	160	120	130	140	110
cadmium	71	0.38 (M)	0.84	ND	ND	0.75	0.84	ND
chromium (VI)	0.3	0.00067 (R)	ND					
copper	3100	46 (M)	32	31	34	28	31	24
lead	400	14 (M)	21	19	25	20	22	17
nickel	1500	26 (R)	16	17	17	14	16	14
selenium	390	0.26 (M)	0.57	0.43	0.54	0.37	0.43	0.37
silver	390	0.8 (R)	ND	ND	ND	ND	ND	ND
zinc	23000	370 (R)	77	95	80	77	83	74

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