

Foxtrot 34-10 Pit Table 915-1		8/9/2023				11/15/2023				1/15/2024		2/14/2024
CLEANUP CONCENTRATIONS												
Contaminant of Concern	Concentrations	SS1	SS2	SS3	Native	SS1	SS2	SS3	Native	SS2	SS3	SS2
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500mg/kg	37.17987, -104.76479	37.17990, -104.76476	37.17992, -104.76475	37.18007, -104.76479	37.17987, -104.76470	37.17990, -104.76476	37.17992, -104.76475	37.18007, -104.76479	37.17990, -104.76476	37.17992, -104.76475	37.17990, -104.76476
Soils and Groundwater - liquid hydrocarbons including condensate and oil	below visual detection limits									ND		ND
Soil Suitability for Reclamation												
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.36	0.67	0.9	0.45							
Sodium adsorption ratio (SAR) (by saturated paste method)	<6	ND	24	25	ND		3.6	2.6				
pH (by saturated paste method)	6-8.3	9.2	9.4	9.4	7.4	8.3	8.4	8		8.22		
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											
xylenes (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											
chloride ion	250mg/l or <1.25 X local											
sulfate ion	250mg/l or <1.25 X local											
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
toluene	490	0.69 (M)										ND
ethylbenzene	5.8	0.78 (M)										ND
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	9.9 (M)										ND
1,2,4-trimethylbenzene	30	0.0081 (R)										ND
1,3,5-trimethylbenzene	27	0.0067 (R)										ND
acenaphthene	360	0.55 (R)										ND
anthracene	1800	5.8 (R)										ND
benzo(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
dibenz(a,h)anthracene	0.11	0.096 (R)										ND
fluoranthene	240	6.9 (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)		1.2	1.9	3.8	2.7				1.9	
barium	15000	62 (M)		190	210	270	230					
cadmium	71	0.38 (M)		ND	ND	ND	ND					
chromium (VI)	0.3	0.0067 (R)		ND	ND	ND	ND					
copper	3100	46 (M)		36	40	51	36					
lead	400	14 (M)		15	15	18	14					
nickel	1500	26 (R)		18	19	26	22					
selenium	390	0.26 (M)		ND	0.35	0.55	0.3					
silver	390	0.8 (R)		ND	ND	ND	ND					
zinc	23000	170 (R)		75	86	110	92					

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