

Table 915-1			HRMU 11 2/19/225				
CLEANUP CONCENTRATIONS			WHBG-2	WHBG-4	WHN-2	WHN-4	WHFL 90-4
Contaminant of Concern	Concentrations						
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	<500mg/kg		7.93	ND	ND	ND	567
Soils and Groundwater - liquid hydrocarbons including condensate and oil	below visual detection limits		N/A	N/A	N/A	N/A	N/A
Soil Suitability for Reclamation							
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm		0.230	0.357	0.325	0.308	0.945
Sodium adsorption ratio (SAR) (by saturated paste method)	<6		0.766	3.53	1.94	1.59	2.7
pH (by saturated paste method)	6–8.3		8.42	8.9	8.52	8.51	8.16
boron (hot water soluble soil extract)	2mg/l		0.297	0.385	0.302	0.210	0.312
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	ND	ND	ND
toluene	490	0.69 (M)	ND	ND	ND	ND	ND
ethylbenzene	5.8	0.78 (M)	ND	ND	ND	ND	ND
xylene (sum of o-, m- and p- isomers = total xylenes)	58	9.9 (M)	ND	ND	ND	ND	ND
1,2,4-trimethylbenzene	30	0.0081 (R)	ND	ND	ND	ND	ND
1,3,5-trimethylbenzene	27	0.0087 (R)	ND	ND	ND	ND	ND
acenaphthene	360	0.55 (R)	ND	ND	ND	ND	ND
anthracene	1800	5.8 (R)	ND	ND	ND	ND	ND
benz(a)anthracene	1.1	0.011 (R)	ND	ND	ND	ND	ND
benzo(b)fluoranthene	1.1	0.3 (R)	ND	ND	ND	ND	ND
benzo(k)fluoranthene	11	2.9 (R)	ND	ND	ND	ND	ND
benzo(a)pyrene	0.11	0.24 (M)	ND	ND	ND	ND	ND
chrysene	110	9 (R)	ND	ND	ND	ND	ND
dibenzo(a,h)anthracene	0.11	0.096 (R)	ND	ND	ND	ND	ND
fluoranthene	240	8.9 (R)	ND	ND	ND	ND	ND
fluorene	240	0.54 (R)	ND	ND	ND	ND	ND
indeno(1,2,3-cd)pyrene	1.1	0.98 (R)	ND	ND	ND	ND	ND
1-methylnaphthalene	18	0.006 (R)	ND	ND	ND	ND	ND
2-methylnaphthalene	24	0.019 (R)	ND	ND	ND	ND	ND
naphthalene	2	0.0038 (R)	ND	ND	ND	ND	ND
pyrene	180	1.3 (R)	ND	ND	ND	ND	ND
Metals in Soils							
arsenic	0.68	0.29 (M)	4.96	5.68	4.40	4.48	4.34
barium	15000	82 (M)	206	755	287	181	167
cadmium	71	0.38 (M)	ND	ND	ND	ND	ND
chromium (VI)	0.3	0.00067 (R)	ND	ND	ND	ND	ND
copper	3100	46 (M)	10.5	9.64	9.74	9.32	8.77
lead	400	14 (M)	9.23	9.22	8.9	8.22	7.94
nickel	1500	26 (R)	11.7	12.1	11.1	11	10.4
selenium	390	0.26 (M)	ND	ND	ND	ND	ND
silver	390	0.8 (R)	ND	ND	ND	ND	ND
zinc	23000	370 (R)	38	42	38.5	38.5	36.5

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.