

		AC McLaughlin 93				
		1/18/2022	4/14/2022			
Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)	20220118_AC McLaughlin 93_WH@6ft	20220414_AC McLaughlin 93_WH@6ft	20220414_AC McLaughlin 93_AOC@4ft	20220414_AC McLaughlin 93_TP_COMP	20220414_AC McLaughlin 93_TP_DIS
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	ND	NM	ND	ND	ND
GRO (C6-C10)		ND	NM	ND	ND	ND
DRO (C10-C28)		ND	NM	ND	ND	ND
ORO (C35)		ND	NM	ND	ND	ND
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.745	NM	2.24	2.53	3.03
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.142	NM	0.936	1.35	2.21
pH (by saturated paste method)	6–8.3 pH units	9.74	7.80	7.71	7.71	7.80
Boron (hot water soluble soil extract)	2 mg/L	0.0874	NM	0.455	0.332	0.639
Organic Compounds in Soils						
benzene	1.2	ND	NM	ND	ND	ND
toluene	490	ND	NM	ND	ND	ND
ethylbenzene	5.8	ND	NM	ND	ND	ND
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	ND	NM	ND	ND	ND
1,2,4-trimethylbenzene	30	ND	NM	ND	ND	ND
1,3,5-trimethylbenzene	27	ND	NM	ND	ND	ND
acenaphthene	360	ND	NM	ND	ND	ND
anthracene	1800	ND	NM	ND	ND	ND
benz(a)anthracene	1.1	ND	NM	ND	ND	ND
benzo(b)fluoranthene	1.1	ND	NM	ND	ND	ND
benzo(k)fluoranthene	11	ND	NM	ND	ND	ND
benzo(a)pyrene	0.11	ND	NM	ND	ND	ND
chrysene	110	ND	NM	ND	ND	ND
dibenz(a,h)anthracene	0.11	ND	NM	ND	ND	ND
fluoranthene	240	ND	NM	ND	ND	ND
fluorene	240	ND	NM	ND	ND	ND
indeno(1,2,3-cd)pyrene	1.1	ND	NM	ND	ND	ND
pyrene	180	ND	NM	ND	ND	ND
1-methylnaphthalene	18	ND	NM	ND	ND	ND
2-methylnaphthalene	24	ND	NM	ND	ND	ND
naphthalene	2	ND	NM	ND	ND	ND
Metals in Soils						
arsenic	0.68	7.67	NM	8.16	9.68	8.02
barium	15000	207	NM	56.7	36.8	53.8
cadmium	71	0.352	NM	ND	0.238	0.291
chromium (VI)	0.3	ND	NM	ND	ND	ND
copper	3100	16.2	NM	11.9	13.5	13.7
lead	400	26.1	NM	13.3	17.1	16.7
nickel	1500	16.4	NM	15.6	25.8	16.7
selenium	390	3.21	NM	1.49	1.78	1.62
silver	390	ND	NM	0.0919	0.117	0.126
zinc	23000	72.4	NM	74.6	87.2	84.7

NOTES:

	Greater than Table 915-1 Standards
	Greater than Table 915-1 Standards but less than adjusted standards (Highest background level is the adjusted standard for inorganics; 1.25X highest background level for metals.

AOC = Area of Concern
 COMP = Composite Sample
 DIS = Discrete Sample
 ND = Not Detected
 NM = Not Measured
 TP = Tailings Pile
 WH = Wellhead