

		McLaughlin 94			
		1/18/2022	4/14/2022		
Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)	20220118_McLaughlin 94_WH@6ft	20220414_McLaughlin 94_AOC@3ft	20220414_McLaughlin 94_TP_COMP	20220414_McLaughlin 94_TP_DIS
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	ND	ND	ND	ND
GRO (C6-C10)		ND	ND	ND	ND
DRO (C10-C28)		ND	ND	ND	ND
ORO (C35)		ND	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
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.843	1.04	3.02	4.16
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.0227	4.95	3.03	3.82
pH (by saturated paste method)	6–8.3 pH units	7.24	8.12	7.73	7.82
Boron (hot water soluble soil extract)	2 mg/L	0.114	0.324	0.243	0.318
Organic Compounds in Soils					
benzene	1.2	ND	ND	ND	ND
toluene	490	ND	ND	ND	ND
ethylbenzene	5.8	ND	ND	ND	ND
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	ND	ND	ND	ND
1,2,4-trimethylbenzene	30	ND	ND	ND	ND
1,3,5-trimethylbenzene	27	ND	ND	ND	ND
acenaphthene	360	ND	ND	ND	ND
anthracene	1800	ND	ND	ND	ND
benz(a)anthracene	1.1	ND	ND	ND	ND
benzo(b)fluoranthene	1.1	ND	ND	ND	ND
benzo(k)fluoranthene	11	ND	ND	ND	ND
benzo(a)pyrene	0.11	ND	ND	ND	ND
chrysene	110	ND	ND	ND	ND
dibenz(a,h)anthracene	0.11	ND	ND	ND	ND
fluoranthene	240	ND	ND	ND	ND
fluorene	240	ND	ND	ND	ND
indeno(1,2,3-cd)pyrene	1.1	ND	ND	ND	ND
pyrene	180	ND	ND	ND	ND
1-methylnaphthalene	18	ND	ND	ND	ND
2-methylnaphthalene	24	ND	ND	ND	ND
naphthalene	2	ND	ND	ND	ND
Metals in Soils					
arsenic	0.68	7.32	7.81	5.56	6.68
barium	15000	88.0	101.0	96.6	117.0
cadmium	71	ND	ND	0.230	0.315
chromium (VI)	0.3	ND	ND	ND	ND
copper	3100	11.1	11.4	8.50	12.0
lead	400	15.1	15.0	8.88	11.7
nickel	1500	15.7	14.3	10.8	13.8
selenium	390	2.61	1.22	0.883	1.05
silver	390	ND	0.0822	0.0532	0.0722
zinc	23000	66.5	74.8	43.9	53.9

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

TP = Tailings Pile

WH = Wellhead