

Location: Allen 14-19 PA
 Rem: 30288
 Sample Date: 10/20/2023

Sample Locations

Soil Suitability for Reclamation	Table 915-1	Background	Tank	Wellhead	Seperator		
Electrical Conductivity	<4mmhos	0.33	0.03	0.50	4.5		
Sodium Absorption Rate (SAR)	<6	0.04	150.0	1.95	0.14		
pH	6-8.3	7.6	9.0	10.0	6.8		
boron	2mg/l	ND	ND	ND	ND		

Organic Compoinets in Soils	mg/kg						
benzene	1.20	ND	ND	ND	ND		
toluene	490.00	ND	ND	ND	ND		
ethylbenzene	5.80	ND	ND	ND	ND		
xylenes (sumof o-, m- and p- isomers = total xylenes)	58.00	ND	ND	ND	ND		
1,2,4-trimethylbenzene	30.00	ND	ND	ND	ND		
1,3,5-trimethylbenzene	27.00	ND	ND	ND	ND		
acenaphthene	360.00	ND	ND	ND	ND		
anthracene	1800.00	ND	ND	ND	ND		
benz(a)anthracene	1.10	ND	ND	ND	ND		
benzo(b)flouranthene	1.10	ND	ND	ND	ND		
benzo(k)flouranthene	11.00	ND	ND	ND	ND		
benzo(a)pyrene	0.01	ND	ND	ND	ND		
chrysene	110.00	ND	ND	ND	ND		
dibenzo(a,h)anthracene	0.11	ND	ND	ND	ND		
flouranthene	240.00	ND	ND	ND	ND		
fluorene	240.00	ND	ND	ND	ND		
indeno(1,2,3-cd)pyrene	1.10	ND	ND	ND	ND		
1-methylnaphthalene	18.00	ND	ND	ND	ND		
2-methylnaphthalene	24.00	ND	ND	ND	ND		
naphthalen	2.00	ND	ND	ND	ND		
pyrene	180.00	ND	ND	ND	ND		

Metals in Soils	mg/kg						
arsenic	0.68	1.00	1.17	1.19	1.34		
barium	15000	150	210	173	164		
cadmium	71	0.25	0.241	ND	1.74		
chromium (VI)	0.3	ND	ND	ND	ND		
copper	3100	2.34	2.64	2.75	21.3		
lead	400	6.19	8.18	20.6	14.9		
nickel	1500	2.32	2.55	2.85	4.26		
selenium	390	ND	ND	ND	0.323		
silver	390	0.0343	0.0452	0.0432	0.0369		
zinc	23000	8.02	8.24	8.63	15.4		

Contaminent of Concern	mg/kg						
Soil TPH	500	ND	ND	ND	ND		