

Laboratory Analytical Results Summary Table

Location	Operator	Lab	Sampler	Sample Date	Solid Soil Source [Weld/Slump, Spill, Pit, Cuttings, Background, Tank Battery, Wellhead, Flaring, etc.]	Sample ID	RQD (ppm)	Organic Compounds in Soils																											
								Residential/Protection of Groundwater Soil Screening Level Concentrations (ECMC Allowable Concentration)				500 mg/kg																							
Hazel McHale 1	NPK - 46290	Pace	Laurel Anderson	1/10/2025	Separator Spill	55-01 @ 0'-6"	4408	TPH (total volatile (C6-C10) and semi-volatile (C6-C8) hydrocarbons)	TPH-CRO (C6-C10) Location	TPH-CRO (C10-C28) High Fraction	TPH-CRO (C28-C36) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes (sum of o-, m- and p- isomers = total xylenes)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Pyrene			
								49630	6830	24700	12100	4.03	66.5	25.3	219	94.3	30.8	0.862	<0.00600	<0.00600	0.119	<0.00600	<0.00600	0.357	<0.00600	0.349	3.84	<0.00600	34.3	57.8	25.2	0.308			
Orange Highlight - ECMC Table 915-1 TPH, BTEX, organic, metal exceedance																																			
Yellow Highlight - ECMC Table 915-1 inorganic exceedance																																			
Grey Highlight - below laboratory detection limit																																			
Light Blue Highlight - exceedance of protection of groundwater soil screening level concentrations risk based (R) or MCL based (M)																																			
BGL - Background Level																																			
ECMC - Energy and Carbon Management Commission																																			
MCL - Maximum Contaminant Level																																			
mg/kg - milligrams per kilogram																																			
ppm/kg - milligrams per centimeter																																			
ppm - parts per million																																			
Select column first																																			

Laboratory Analytical Results Summary Table

							Soil Suitability for Reclamation				Metals in Soils										
Location	Operator	Lab	Sampler	Sample Date	Solid/Soil Source [Vault/Sump, Spill, Pit, Cuttings, Background, Tank Battery, Wellhead, Flowline, etc.]	Sample ID	<4	<6	(6-8.3)	2	0.68/0.29(M)	15000/82(M)	71/0.38(M)	0.3/0.00067(R)	3100/46(M)	400/14(M)	1500/26(R)	390/0.26(M)	390/0.8(R)	23000/370(R)	
							Electrical Conductivity (EC) (by saturated paste method) (mmhos/cm)	Sodium Adsorption Ratio (SAR) (by saturated paste method) (Calculation)	pH (by saturated paste method) (pH Units)	Boron (hot water soluble soil extract) (mg/L)	Arsenic mg/kg	Barium mg/kg	Cadmium mg/kg	Chromium (VI) mg/kg	Copper mg/kg	Lead mg/kg	Nickel mg/kg	Selenium mg/kg	Silver mg/kg	Zinc mg/kg	
Hazel McHale 1	KPK - 46290	Pace	Laurel Anderson	1/10/2025	Separator Spill	SS-01 @ 0-6"	1.510	3.72	7.23	0.257	1.72	67.9	<1.00	<1.00	7.96	8.07	5.34	<2.50	<0.500	26.7	
Legend:																					
Orange Highlight - ECMC Table 915-1 TPH, BTEX, organic, metal exceedance																					
Yellow Highlight - ECMC Table 915-1 inorganic exceedance																					
Grey Highlight - below laboratory detection limit																					
Light Blue Highlight - exceedance of protection of groundwater soil screening level concentrations risk based (R) or MCL based (M)																					
BGL - Background Level																					
ECMC - Energy and Carbon Management Commission																					
MCL - Maximum Contaminant Level																					
mg/kg - milligrams per kilogram																					
mmhos/cm - millimhos per centimeter																					
ppm - parts per million																					
Select column first																					

Select column first