

ANALYTICAL RESULTS

Origins analyzed the soil samples for Table 915-1 constituents.

Table 1: Soil Analytical Results
Ma State Tank Battery

Sample Number	Date Sampled	GRO/DRO/OR O (mg/kg)	BTEX/ TMBs (mg/kg)	pH (su)	EC (mmhos/cm)	SAR	Boron (mg/L)
E1	7/5/2023	GRO: 0.686 DRO: 306 ORO: 308	ND	7.27	25.1	12.4	1.05
E2	7/5/2023	GRO: 0.374 DRO: ND ORO: ND	ND	7.62	23.2	7.07	0.370
E3	7/5/2023	GRO: 3.92 DRO: 547 ORO: 443	<COGCC Table 915-1 Concentrations	6.82	9.51	10.5	0.569
E4	7/5/2023	GRO: 75.2 DRO: 2,190 ORO: 1,540	<COGCC Table 915-1 Concentrations	6.35	28.7	21.2	0.784
E5	7/5/2023	GRO: 3.16 DRO: 285 ORO: 331	<COGCC Table 915-1 Concentrations	6.09	47.5	34.1	4.12
E6	7/5/2023	GRO: 5.09 DRO: 1,350 ORO: 1,150	<COGCC Table 915-1 Concentrations	6.55	40.5	28.3	2.65
E7	7/5/2023	GRO: 0.810 DRO: ND ORO: ND	ND	5.55	5.18	5.03	ND
E2-1	8/1/2023	GRO: ND DRO: 94.2 ORO: 127	ND	8.05	2.97	2.97	0.342
E2-2	8/1/2023	ND	ND	7.14	0.705	0.607	ND
E2-3	8/1/2023	ND	ND	7.40	0.722	4.28	ND
E2-4	8/1/2023	ND	ND	7.04	1.86	3.92	0.137
E2-5	8/1/2023	ND	ND	6.75	6.72	11.5	0.219
E2-6	8/1/2023	GRO: ND DRO: 313 ORO: 404	ND	6.70	12.0	17.4	1.03
E2-7	8/1/2023	GRO: ND DRO: 61.9 ORO: ND	<COGCC Table 915-1 Concentrations	6.25	5.64	6.52	ND
E3-1	9/26/2023	ND	ND	7.14	1.34	9.78	ND
E3-6	9/26/2023	ND	ND	5.90	17.8	15.8	0.319
E3-7	9/26/2023	ND	ND	6.66	0.684	9.25	0.0268
Table 915-1 Concentrations		TPH: 500	1,2,4- Trimethylbenzene: 30 1,3,5- Trimethylbenzene: 27 B: 1.2 T: 490 E: 5.8 Total Xylenes: 58	6-8.3	<4	<6	2

Legend:

mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter

su: standard units

mg/L: milligrams per liter

Standards from Colorado Oil and Gas Conservation Commission Table 915-1, effective January 15, 2021

Values in **bold** exceed their respective regulatory standard