TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
TIMBRO RANCH 1-3-9-59
NWNE SEC. 3 T3N R59W 6PM
LAT/LONG: 40.786250 / -103.963270
WELD COUNTY, COLORADO
REMEDIATION PROJECT # 31286

Sample ID	Sample Map ID	Date Sample Collected	Approximate Depth (feet bgs)	TPH (mg/kg)	Electrical Conductivity (mmhos/cm)	Sodium Adsorption Ratio	pH	Boron (mg/l)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4-Trimethyl-benzene (mg/kg)	1,3,5-Trimethyl-benzene (mg/kg)	Naphthalene (mg/kg)	acenaphthene (mg/kg)	anthracene (mg/kg)	benz(a)anthracene (mg/kg)	benzo(b)fluoranthene (mg/kg)	benzo(k)fluoranthene (mg/kg)	benzo(a)pyrene (mg/kg)	chrysene (mg/kg)	dibenzo(a,h)anthracene (mg/kg)	fluoranthene (mg/kg)	fluorene (mg/kg)	indeno(1,2,3-cd)pyrene (mg/kg)	1-methylnaphthalene (mg/kg)	2-methylnaphthalene (mg/kg)	pyrene (mg/kg)	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)
COGCC Table 915-1 Regulatory Limit				500	4	6	6-8.3	2	1.2/0.0026	490/0.69	5.8/0.78	58/9.9	30/0.0081	27/0.0087	2/0.0038	360/0.55	1800/5.8	1.1/0.011	1.1/0.3	11/2.9	0.11/0.24	110/9	0.110.096	240/8.9	240/0.54	1.1/0.98	18/0.006	24/0.019	180/1.3	0.68/0.29	15000/82	71/0.38	0.3/0.00067	3100/46	400/14	1500/26	390/0.26	390/0.8	23000/370
Sample 1 - 1-3-9-59 WH	2	10/16/2023	4	ND	0.45	3.18	8.3	0.746	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.17	293	0.205	ND	11.3	ND	ND	0.132	ND	ND
Sample 2 -2-3-9-59 WH	1	10/16/2023	4	ND	0.402	3.34	8.3	0.597	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.71	278	0.336	ND	11	11	ND	ND	ND	ND
Sample 3 - 1-34-10-59 WH	3	10/16/2023	4	ND	0.451	2.82	8.2	0.518	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.81	326	0.185	ND	11.3	ND	ND	ND	ND	ND
Sample 4 - 2-34-10-59 WH	4	10/16/2023	4	ND	0.412	2.14	8.2	0.559	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	256	0.199	ND	11.6	ND	ND	0.118	ND	ND
Sample 5 - 1-3-9-59 WHT East	1B	10/16/2023	4	ND	0.44	2.53	8.3	0.669	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.08	251	0.246	ND	11.1	ND	ND	0.115	ND	ND
Sample 6 - 1-3-9-59 WHT North	1A	10/16/2023	4	ND	0.45	2.8	8.3	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.21	247	0.208	ND	11.5	ND	ND	0.128	ND	ND
Sample 7 - 1-3-9-59 WHT West	1D	10/16/2023	4	ND	0.421	2.32	8.3	0.635	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.17	358	0.197	ND	11.7	10.3	ND	0.128	ND	ND
Sample 8 - 1-3-9-59 WHT South	1C	10/16/2023	4	ND	0.483	2.94	8.3	0.687	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.64	335	0.245	ND	11.5	10.8	ND	0.137	ND	ND
Sample 1 - 1-3-9-59 FLT East	11A	10/16/2023	4	ND	0.46	2.52	8.3	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.07	295	0.249	ND	10.8	ND	ND	0.102	ND	ND
Sample 2 - 1-3-9-59 FLT West	10A	10/16/2023	4	ND	0.46	2.5	8.3	0.634	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.18	329	0.215	ND	11.2	9.61	ND	0.129	ND	ND
1-3-9-59 WFL End	10C	11/9/2023	4	ND	0.931	1.82	8.1	0.478	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.76	434	0.291	ND	11.6	14	ND	0.108	ND	ND
1-3-9-59 EFL End	11C	1/23/2024	4	ND	0.801	1.97	8.2	0.219	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.31	544	0.217	ND	9.61	10.7	6.79	ND	ND	38.8
1-3-9-59 WFL middle	10B	1/23/2024	4	ND	0.733	1.13	8.3	0.273	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.41	184	0.524	ND	ND	4.4	6.2	0.119	ND	39.1
1-3-9-59 EFL middle	11B	1/23/2024	4	ND	1.27	1.91	8.2	0.469	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.42	402	0.211	ND	10.8	11.7	7.89	0.136	ND	43.8
Timbro 1-3-9-59 Tank #1	14A	11/20/2023	0.5	ND	0.367	2.09	8.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.12	348	0.149	ND	13	8.15	7.14	1.52	0.0091	38.2
Timbro 1-3-9-59 Tank #2	14B	1/23/2024	0.5	ND	0.681	1.69	8.2	0.223	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.75	518	0.386	ND	10.8	8.46	7.17	0.112	ND	42.6
Timbro 1-3-9-59 Tank #3	14C	11/20/2023	0.5	ND	1.06	2.1	8.1	0.398	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.65	287	0.176	ND	13.8	8.33	8.75	1.65	0.0082	38.1
Timbro 1-3-9-59 Tank #4	14D	11/20/2023	0.5	ND	0.979	1.87	8.1	0.248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.41	254	0.197	ND	10.5	6.09	6.15	1.41	0.0076	35.8
Timbro 1-3-9-59 Tank #5	14E	1/23/2024	0.5	ND	0.637	1.78	8.3	0.394	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.77	1250	0.27	ND	14.5	11.7	8.52	0.142	ND	41.3
Timbro 1-3-9-59 NWDL end	12A	11/15/2023	4	ND	0.583	1.46	8	0.743	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.53	347	0.27	ND	11	10.3	ND	0.308	ND	43.3
Timbro 1-3-9-59 SWDL end	12B	11/15/2023	4	ND	3.17	1.59	8.3	0.331	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.08	356	0.191	ND	16.5	9.22	ND	0.0991	ND	42.4
Timbro 1-3-9-59 NWDL start	9	11/15/2023	4	ND	0.578	1.38	8.2	0.351	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.96	539	0.203	ND	15	ND	ND	0.119	ND	44.6
Timbro 1-3-9-59 SWDL start	8	11/15/2023	4	ND	0.566	1.47	8.1	0.354	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.89	388	0.199	ND	12.9	9.68	ND	0.116	ND	42.1
Timbro 1-3-9-59 NEDL end	13A	11/15/2023	4	ND	0.452	1.98	8.2	0.368	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.37	260	0.129	ND	11.3	ND	ND	ND	ND	39.3
Timbro 1-3-9-59 SEDL end	13B	11/15/2023	4	ND	0.244	1.65	8.3	0.14	ND	ND	ND	ND	ND	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.55	436	0.17	ND	15.7	9.4	ND	0.125	ND	40.7
Timbro 1-3-9-59 NEDL start	7	11/15/2023	4	ND	0.526	1.73	8.2	0.504	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.68	391	0.298	ND	11.9	11.3	ND	0.169	ND	46.6
Timbro 1-3-9-59 SEDL start	8	11/15/2023	4	ND	0.355	1.64	8.2	0.297	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.27	383	0.176	ND	14.9	ND	ND	0.133	ND	41.1
Background	Background	10/16/2023	4	ND	0.394	1.68	8.3	0.464	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.09	290	ND	ND	ND	ND	ND	ND	ND	ND