TABLE 1
SOIL ANALYTICAL RESULTS SUMMARY
PEGGY 2501 PAD
SESW SEC. 25 T9N R60W 6PM
LAT/LONG: 40.715207 / -104.040659
WELD COUNTY, COLORADO
SPILL ID # 485875

Sample ID	Date Sample Collected	Approximate Depth (inches 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
Background	1/23/2024	8	ND	1.34	3.23	8.3	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.18	225	0.212	ND	10.5	14	7.61	0.138	ND	40.6
Sample #1	1/23/2024	8	ND	2.08	1.66	8.3	1.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.57	241	0.19	ND	10.7	13.6	8.1	0.154	ND	40.9
Sample #2	1/23/2024	8	ND	2.84	1.84	8.3	1.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	0.006	ND	3.19	219	0.177	ND	9.6	11.5	7.22	0.13	ND	36.2
Sample #3	1/23/2024	8	ND	1.08	3.9	8.2	0.719	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	0.007	ND	3.1	219	0.172	ND	9.65	12	6.97	0.126	ND	37.6
Sample #4	1/23/2024	8	ND	1.15	0.995	8.2	0.568	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	0.007	ND	3.52	258	0.218	ND	11.6	14.3	8.53	0.172	ND	44.6
Sample #5	1/23/2024	8	ND	1.32	5.95	8.3	0.723	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.002	ND	3.57	269	0.209	ND	10.9	15.4	7.97	0.14	ND	42.5
Sample #6	1/23/2024	8	37.8	0.81	2.51	8.3	0.674	ND	ND	ND	0.00202	0.00282	ND	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.053	0.045	ND	3.85	256	0.244	ND	12.7	14.5	9.43	0.182	ND	48.5
Sample #7	1/23/2024	8	ND	1.22	1.04	8.2	0.549	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.005	ND	3.6	283	0.242	ND	12.7	15.4	9.31	0.213	ND	47.2
Sample #8	1/23/2024	8	ND	1.06	3.23	8.3	1.11	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.003	ND	3.71	252	0.229	ND	12.2	14.2	8.98	0.142	ND	46.7
Sample #9	1/23/2024	8	ND	0.992	1.5	8.2	0.823	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	3.76	304	0.229	ND	12.1	16.1	8.89	0.205	ND	46.2
Sample #10	1/23/2024	8	ND	1.28	3.81	8.2	0.871	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.49	265	0.233	ND	11.6	15.1	8.26	0.2	ND	44.7
Sample #11	1/23/2024	8	ND	3.55	1.62	8.3	1.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	0.004	ND	3.2	408	0.178	ND	12	12.3	7.4	0.17	ND	37.9
Sample #12	1/23/2024	8	ND	1.39	1.53	8.1	0.315	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	0.004	ND	3.64	227	0.234	ND	11.9	13.1	8.43	0.193	ND	43.2