

Grant #2				TABLE 2 - METALS									
Metals in Soil				Arsenic	Barium	Cadmium	Chromium, Hexavalent	Copper	Lead	Nickel	Selenium	Silver	Zinc
Residential Soil Screening Concentrations				0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample ID w/ sample depth	Sample Date	Latitude	Longitude										
BH-1@5	12/05/2023	40.11505508	-104.9728165	1.54	50.4	0.0633	<0.244	6.33	5.08	6.31	0.505	0.0173	21.5
BH-2@6	12/06/2023	40.11507797	-104.9699936	3.34	144	0.202	<0.244	13	8.94	14.9	0.789	0.0579	53.2
SW-1@3	12/05/2023	40.11507416	-104.9728165	1.89	64.7	0.084	<0.244	7.27	4.96	8.04	0.69	0.332	26
SW-2@3	12/05/2023	40.11506653	-104.972786	2.14	55.5	0.0967	<0.244	7.01	4.65	8.17	0.59	0.0371	22.5
SW-3@3	12/05/2023	40.11504364	-104.9728012	2.7	74.7	0.135	<0.244	9.93	12.9	10.6	0.759	0.0486	36.3
SW-4@3	12/05/2023	40.1150589	-104.9728394	1.94	53.1	0.0741	<0.244	7.59	5.4	8.58	0.505	0.0394	25.4
SW-5@3	12/06/2023	40.11508942	-104.9699936	3.2	107	0.242	<0.244	12.3	9.93	12.4	0.805	0.0675	48.3
SW-6@3	12/06/2023	40.11507797	-104.9699783	3.3	97.4	0.25	<0.488	12.9	10.1	12.8	0.887	0.0643	51.1
SW-7@3	12/06/2023	40.11507034	-104.9699936	3.35	99.4	0.289	<0.488	13.6	11.1	13.8	0.894	0.064	56.2
SW-8@3	12/06/2023	40.11508179	-104.9700241	3.09	130	0.227	<0.244	13.1	11.1	12.4	0.812	0.0679	51.5

****Note**

- mg/Kg = milligrams per kilogram
- < = less than the stated laboratory method detection
- Screening levels derived from Energy and Carbon
- Red Text: exceeds table 915-1 concentration

Grant #2				TABLE 3 - INORGANICS			
Soil Suitability for Reclamation				Specific Conductance (EC)	SAR	pH	Boron
Table 915-1 Concentration				4	6	6-8.3	2
Units				mmhos/cm		pHUnits	mg/L
Sample ID w/ sample depth	Sample Date	Latitude	Longitude				
BH-1@5	12/05/2023	40.11505508	-104.9728165	0.324	1.85	8.23	0.112
BH-2@6	12/06/2023	40.11507797	-104.9699936	1.21	3.1	8.03	0.412
SW-1@3	12/05/2023	40.11507416	-104.9728165	0.644	0.955	8.25	0.143
SW-2@3	12/05/2023	40.11506653	-104.972786	0.304	1.47	8.4	0.165
SW-3@3	12/05/2023	40.11504364	-104.9728012	0.425	0.718	8.21	0.227
SW-4@3	12/05/2023	40.1150589	-104.9728394	0.285	1.39	8.39	0.204
SW-5@3	12/06/2023	40.11508942	-104.9699936	0.429	0.475	8.27	0.289
SW-6@3	12/06/2023	40.11507797	-104.9699783	0.216	0.537	8.29	0.249
SW-7@3	12/06/2023	40.11507034	-104.9699936	0.548	0.957	7.7	<1
SW-8@3	12/06/2023	40.11508179	-104.9700241	0.298	0.408	8.24	0.291

****Note**

- mmhos/cm = millimhos per centimeter
- < = less than the stated laboratory method detection limit
- mg/L = milligrams per liter
- SAR = Sodium Adsorption Ratio
- Red Text: exceeds table 915-1 concentration

Grant #2				TABLE 4 - PID RESULTS
PID Results				Concentration
Units				PPM
Sample ID w/ sample depth	Sample Date	Latitude	Longitude	
FS-1@4	12/05/2023	40.1150758	-104.9722153	<1.0
FS-2@4	12/05/2023	40.1150703	-104.9715912	<1.0
FS-3@4	12/05/2023	40.1150702	-104.9714053	<1.0
FS-4@4	12/05/2023	40.1150699	-104.9709774	<1.0
FS-5@5	12/05/2023	40.1150818	-104.9704388	<1.0
FS-6@5	12/05/2023	40.1150881	-104.9702597	<1.0
FS-7@5	12/6/2023	40.1150848	-104.970236	<1.0
BH-1@6	12/05/2023	40.1150541	-104.9728166	<1.0
BH-2@5	12/05/2023	40.115079	-104.969994	<1.0
SW-1@3	12/05/2023	40.1150733	-104.9728158	<1.0
SW-2@3	12/05/2023	40.1150647	-104.972789	<1.0
SW-3@3	12/5/2023	40.115042	-104.9728017	<1.0
SW-4@3	12/05/2023	40.01150605	-104.9728384	<1.0
SW-5@3	12/6/2023	40.1150817	-104.9699936	<1.0
SW-6@3	12/6/2023	40.1150776	-104.9699815	<1.0
SW-7@3	12/6/2023	40.115069	-104.969997	<1.0
SW-8@3	12/6/2023	40.115079	-104.969994	<1.0

**Note
<ul style="list-style-type: none"> • PPM = Parts Per Million