

Jilison 1 Wellhead				Table 1 - Soil Sample Results																									
Organic Compounds in Soil				Benzene	Toluene	Ethylbenzene	Xylenes, total	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	Diesel Range Organics (C10-C28)	Residual Range Organics (C28-C40)	Gasoline Range Organics (C6-C12)	TPH	
Protection of Groundwater Soil Screening Level (PGSSL) Concentrations				0.0026	0.69	0.78	9.9	0.0081	0.0087	0.55	5.8	0.011	0.3	2.9	0.24	9	0.096	8.9	0.54	0.98	0.006	0.019	0.0038	1.3	500	500	500	500	
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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																										
SS-1@6'	4/23/2025	40.111674	-104.996598	<0.0004	<0.001	<0.0007	<.0008	<0.001	<0.002	<0.03	<0.03	<0.006	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.003	<0.012	<0.003	<0.03	219	511	<0.1	730	
SS-2@6'	4/23/2025	40.11166	-104.996585	<0.0004	<0.001	<0.0007	<.0008	<0.001	<0.002	<0.03	<0.03	<0.006	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.003	<0.012	<0.003	<0.03	18.7	49.3	<0.1	<500	
SS-3@6'	4/23/2025	40.111654	-104.99661	<0.0004	<0.001	<0.0007	<.0008	<0.001	<0.002	<0.03	<0.03	<0.006	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.003	<0.012	<0.003	<0.03	1.7	1.6	<0.1	<500	
SS-4@6'	4/23/2025	40.111673	-104.996618	<0.0004	<0.001	<0.0007	<.0008	<0.001	<0.002	<0.03	<0.03	<0.006	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.003	<0.012	<0.003	<0.03	1.9	3.82	<0.1	<500	
SS-5@6'	4/23/2025	40.111659	-104.9966	<0.0004	<0.001	<0.0007	<.0008	<0.001	<0.002	<0.03	<0.03	<0.006	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.039	<0.03	0.013	0.019	0.008	0.033	734	1,140	<0.1	1874	
SS-6@6'	4/23/2025	40.11164	-104.996579	<0.0004	<0.001	<0.0007	<.0008	<0.001	<0.002	<0.03	<0.03	<0.006	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.039	<0.03	<0.003	<0.012	<0.003	<0.03	4.6	10.4	<0.1	<500	

***Note

- mg/Kg = milligrams per kilogram
- < = less than the stated laboratory method detection limit
- Screening levels derived from ECOM Table 915-1
- TPH = Total Petroleum Hydrocarbons
- Red Text: exceeds table 915-1 concentration

Jillson 1 Wellhead				Table 2 - Metals									
Metals in Soil				Arsenic	Barium	Cadmium	Chromium, Hexavalent	Copper	Lead	Nickel	Selenium	Silver	Zinc
Protection of Groundwater Soil Screening Level (PGSSL) Concentrations				0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
Method Detection Limit				0.1	0.152	0.085	0.379	0.132	0.099	0.197	0.18	0.086	0.74
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										
SS-1@6'	4/23/2025	40.111674	-104.996598	3.87	77.9	0.2	<0.379	33.8	32.9	8.35	1.04	<0.08	38.4
SS-2@6'	4/23/2025	40.111166	-104.996585	4.65	163	0.11	<0.379	9.55	9.06	12.5	0.91	<0.08	36.6
SS-3@6'	4/23/2025	40.111654	-104.99661	4.31	192	0.11	<0.379	9.17	8.68	12	0.71	<0.08	37.8
SS-4@6'	4/23/2025	40.111673	-104.996618	19.8	125	0.15	<0.379	13.7	13.2	15	1.6	<0.08	50.2
SS-5@6'	4/23/2025	40.111659	-104.9966	3.84	99.2	0.37	<0.379	16.4	47.7	10.5	0.76	<0.08	54.4
SS-6@6'	4/23/2025	40.111164	-104.996579	4.46	229	0.11	<0.379	10.9	10.5	12.7	1.32	<0.08	43.5

****Note**

- mg/kg = milligrams per kilogram
- < = less than the stated laboratory method detection limit
- Screening levels derived from ECMC Table 915-1
- Yellow indicates method detection limit is above PGSSL's.
- Red Text: exceeds table 915-1 concentration

Jillson 1 Wellhead				Table 3 - SAR			
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				
SS-1@6'	4/23/2025	40.111674	-104.996598	9.08	6.42	8.3	1.03
SS-2@6'	4/23/2025	40.11166	-104.996585	11.3	8.53	8.15	1.56
SS-3@6'	4/23/2025	40.111654	-104.99661	4.01	2.36	7.94	0.71
SS-4@6'	4/23/2025	40.111673	-104.996618	0.77	0.83	8.09	0.71
SS-5@6'	4/23/2025	40.111659	-104.9966	2.72	4.36	7.7	0.81
SS-6@6'	4/23/2025	40.11164	-104.996579	2.03	5.08	8.08	1.02

****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

Jillson 1 Wellhead	Table 4 - PID Results			
Field Screening Results				PPM
Sample ID w/ sample depth	Sample Date	Latitude	Longitude	
SS-1@6'	4/23/2025	40.111674	-104.996598	10.7
SS-2@6'	4/23/2025	40.11166	-104.996585	38.4
SS-3@6'	4/23/2025	40.111654	-104.99661	38.1
SS-4@6'	4/23/2025	40.111673	-104.996618	12.1
SS-5@6'	4/23/2025	40.111659	-104.9966	12.8
SS-6@6'	4/23/2025	40.11164	-104.996579	5.7
PID-1@3	4/23/2025	40.111807	-104.996376	8.2
PID-2@3	4/23/2025	40.11199	-104.99614	10.1
PID-3@3	4/23/2025	40.112094	-104.996005	12
PID-4@3	4/23/2025	40.112289	-104.995754	13.8
PID-5@3	4/23/2025	40.112385	-104.995623	14.9
PID-6@3	4/23/2025	40.112588	-104.995354	8.5
PID-7@3	4/23/2025	40.112879	-104.994972	7.3
PID-8@3	4/23/2025	40.113092	-104.994692	9.3
PID-9@3	4/23/2025	40.1133	-104.994422	11.2
PID-10@3	4/23/2025	40.113534	-104.994116	19.9

Notes**

PPM = Parts Per Million