

Table 1
Soil Sampling Results
Harris (OWP) #5
Red Mesa 21
Colorado Energy & Carbon Management Commission

Parameter	SS01	SS02	SS03	SS04	SS05	ECMC Table 915-1 Standard	Units
	10/25/2023	10/25/2023	10/25/2023	11/15/2023	11/15/2023		
Sample Location	Wellhead	Pumping Unit	Meter House	Flowline	Flowline	NA	NA
Latitude/Longitude	37.084300, -108.14437	37.084318, -108.144372	37.084433, -108.144328	37.084315, -108.144433	37.084188, -108.144582	NA	NA
Laboratory ID	2310256-01	2310256-02	2310256-03	2311208-01	2311208-02	NA	NA
Depth	7	1	0-0.67	2.5	2.5	NA	feet bgs
PID	1.2	6.3	0.3	89.1	1.7	NA	ppm
Conductivity	0.304	0.496	2.070	0.562	0.271	<4	mmhos/cm
pH	7.77	8.16	7.94	8.02	7.88	6-8.3	pH units
SAR	0.38	0.64	2.97	0.97	0.23	<6	no units
Calcium	42.6	44.4	175	59.0	35.8	NA	mg/L
Magnesium	7.78	31.2	39.1	15.5	8.14	NA	mg/L
Sodium	10.4	22.7	167	32.4	5.81	NA	mg/L
Arsenic	4.48	3.71	10.1	5.63	4.14	0.68 or 1.25x BG	mg/kg
Barium	153	558	187	184	181	15,000 or 1.25x BG	mg/kg
Cadmium	<5.00	<5.00	<5.00	<5.00	<5.00	71 or 1.25x BG	mg/kg
Chromium (VI)	<0.250	<0.250	<0.250	<0.250	<0.250	0.3 or 1.25x BG	mg/kg
Total Chromium	10.8	8.09	9.59	15.5	14.0	NA	mg/kg
Copper	27.6	10.7	54.6	21.7	17.2	3,100 or 1.25x BG	mg/kg
Lead	<10.0	<10.0	10.3	<10.0	<10.0	400 or 1.25x BG	mg/kg
Nickel	7.89	6.27	6.11	11.0	9.90	1,500 or 1.25x BG	mg/kg
Selenium	<20.0	<20.0	<20.0	<20.0	<20.0	390 or 1.25x BG	mg/kg
Silver	<1.00	<1.00	<1.00	<1.00	<1.00	390 or 1.25x BG	mg/kg
Zinc	38.0	20.9	32.3	36.5	33.9	23,000 or 1.25x BG	mg/kg
Boron	<1.20	<1.20	<1.20	<1.20	<1.20	2	mg/L
TPH (GRO)	<10.0	<10.0	<10.0	<10.0	<10.0	NA	mg/kg
TPH (DRO)	<10.0	17.6	<10.0	<10.0	<10.0	NA	mg/kg
TPH (EXT DRO)	<10.0	<10.0	<10.0	<10.0	<10.0	NA	mg/kg
Total TPH	<30.0	17.6	<30.0	<30.0	<30.0	500	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	1.2	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	490	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	5.8	mg/kg
Total Xylenes	<0.0750	<0.0750	<0.0750	<0.0750	<0.0750	58	mg/kg
1,3,5-trimethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	27	mg/kg
1,2,4-trimethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	30	mg/kg
Naphthalene	<0.015	<0.015	<0.015	<0.015	<0.015	2	mg/kg
2-methylnaphthalene	<0.023	<0.023	<0.023	<0.023	<0.023	24	mg/kg
1-methylnaphthalene	<0.016	<0.016	<0.016	<0.016	<0.016	18	mg/kg
Acenaphthene	<0.024	<0.024	<0.024	<0.024	<0.024	360	mg/kg
Fluorene	<0.014	<0.014	<0.014	<0.014	<0.014	240	mg/kg
Anthracene	<0.017	<0.017	<0.017	<0.017	<0.017	1800	mg/kg
Fluoranthene	<0.019	<0.019	<0.019	<0.019	<0.019	240	mg/kg
Pyrene	<0.013	<0.013	<0.013	<0.013	<0.013	180	mg/kg
Benzo(a)anthracene	<0.023	<0.023	<0.023	<0.023	<0.023	1.1	mg/kg
Chrysene	<0.017	<0.017	<0.017	<0.017	<0.017	110	mg/kg
Benzo(b)fluoranthene	<0.019	<0.019	<0.019	<0.019	<0.019	1.1	mg/kg
Benzo(k)fluoranthene	<0.016	<0.016	<0.016	<0.016	<0.016	11	mg/kg
Benzo(a)pyrene	<0.018	<0.018	<0.018	<0.018	<0.018	0.11	mg/kg
Indeno(1,2,3-cd)pyrene	<0.017	<0.017	<0.017	<0.017	<0.017	1.1	mg/kg
Dibenz(a,h)anthracene	<0.019	<0.019	<0.019	<0.019	<0.019	0.11	mg/kg

Notes:

bgs - below ground surface
mmhos/cm - millihos per centimeter

mg/L - milligrams per liter

mg/kg - milligrams per kilogram

ECMC - Colorado Energy & Carbon Management Commission

Bold values exceed ECMC Standard

Values reported below the laboratory detection limit are considered zero
in Total TPH calculations.

PID - Photoionization Detector

SAR - Sodium Adsorption Ratio

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

EXT - Extended

NA - Not Applicable

ppm - parts per million

BG- Background