

McElwain 32-17 - Table 1 - Soil Analytical Summary Table - Organics

Soil to Groundwater					benzene	toluene	ethylbenzene	xylenes (total)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	naphthalene	GRO	C10-C28 (DRO)	C28-C36 (ORO)	TPH (Calculated)	acenaphthene	anthracene	benzo(a)anthracene	benzo(b)fluoranthene	benzo(k)fluoranthene	chrysene	di(2-benzofuran)anthracene	fluoranthene	fluorene	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene	2-methylnaphthalene
					0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500	500	500	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006
COGCC Table 915-1 Concentration Levels					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
Sample	Lab Sample ID	Sample Date	Latitude	Longitude																								
SS-1@5'	Y301440-05	1/26/2023	39.96543	-104.91251	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00201	<0.200	<25.0	<100	<125.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00201	<0.00201
SS-2@5'	Y301440-01	1/26/2023	39.9656	-104.91252	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<125.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SS-5@3'	Y301440-06	1/26/2023	39.96576	-104.91246	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00201	<0.200	<25.0	<100	<125.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00201	<0.00201
SS-8@3'	Y301440-07	1/26/2023	39.96580	-104.91247	0.00218	0.00676	<0.00200	0.00768	<0.00200	<0.00200	<0.00201	<0.200	<25.0	<100	<125.2	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	<0.00201	<0.00201
SS-12@3'	Y301440-02	1/26/2023	39.96582	-104.91249	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<125.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SS-13@3'	Y301440-03	1/26/2023	39.96589	-104.91254	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<125.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SS-15@3'	Y301440-04	1/26/2023	39.96600	-104.91245	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<125.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

COGCC - Colorado Oil and Gas Conservation Commission

DRO – diesel range organics (C10-C28)

ORO – oil range organics (C28-C36)

mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter

TPH – total petroleum hydrocarbons

< - Indicates analytical result is less than the laboratory reporting limit (<RL).

RED font – indicates the sample result exceeds the applicable COGCC Table 915-1 cleanup concentration limit.

Origins Laboratory, Inc. lists concentrations of Calcium, Magnesium, and Sodium in the units of milliequivalents per liter (meq/L). These concentrations have been converted to the units of milligrams per liter (mg/L).

NA - Not Analyzed.