

**Table 1**  
**Soil Sampling Results**  
**DIA #35-11**  
**DIA Well Plugging Project**  
**City & County of Denver**

Parameter	SS01 08/11/2023	ECMC Table 915-1 Standard	Units
Sample Location	Wellhead	NA	NA
Latitude/Longitude	39.839696, -104.623848	NA	NA
Laboratory ID	2308249-01	NA	NA
Depth	5	NA	feet bgs
PID	0.4	NA	ppm
Conductivity	0.292	<4	mmhos/cm
pH	7.86	6-8.3	pH units
SAR	1.49	<6	no units
Calcium	53.1	NA	mg/L
Magnesium	7.45	NA	mg/L
Sodium	43.8	NA	mg/L
Arsenic	<b>2.33</b>	0.68 or 1.25x BG	mg/kg
Barium	163	15,000 or 1.25x BG	mg/kg
Cadmium	<5.00	71 or 1.25x BG	mg/kg
Chromium (VI)	<0.250	0.3 or 1.25x BG	mg/kg
Total Chromium	14.1	NA	mg/kg
Copper	22.2	3,100 or 1.25x BG	mg/kg
Lead	<10.0	400 or 1.25x BG	mg/kg
Nickel	7.73	1,500 or 1.25x BG	mg/kg
Selenium	<20.0	390 or 1.25x BG	mg/kg
Silver	<1.00	390 or 1.25x BG	mg/kg
Zinc	33.4	23,000 or 1.25x BG	mg/kg
Boron	<1.20	2	mg/L
TPH (GRO)	<10.0	NA	mg/kg
TPH (DRO)	<10.0	NA	mg/kg
TPH (EXT DRO)	<10.0	NA	mg/kg
Total TPH	<30.0	500	mg/kg
Benzene	<0.00885	1.2	mg/kg
Toluene	<0.00670	490	mg/kg
Ethylbenzene	<0.00405	5.8	mg/kg
Total Xylenes	0.0478**	58	mg/kg
1,3,5-trimethylbenzene	0.0131**	27	mg/kg
1,2,4-trimethylbenzene	0.0164**	30	mg/kg
Naphthalene	<0.015	2	mg/kg
2-methylnaphthalene	<0.023	24	mg/kg
1-methylnaphthalene	<0.016	18	mg/kg
Acenaphthene	<0.024	360	mg/kg
Fluorene	<0.014	240	mg/kg
Anthracene	<0.017	1800	mg/kg
Fluoranthene	<0.019	240	mg/kg
Pyrene	<0.013	180	mg/kg
Benzo(a)anthracene	<0.023	1.1	mg/kg
Chrysene	<0.017	110	mg/kg
Benzo(b)fluoranthene	<0.019	1.1	mg/kg
Benzo(k)fluoranthene	<0.016	11	mg/kg
Benzo(a)pyrene	<0.018	0.11	mg/kg
Indeno(1,2,3-cd)pyrene	<0.017	1.1	mg/kg
Dibenz(a,h)anthracene	<0.019	0.11	mg/kg

**Notes:**

PID - Photoionization Detector  
SAR - Sodium Adsorption Ratio  
BTEX - Benzene, Toluene, Ethylbenzene, & Total Xylenes  
TPH - Total Petroleum Hydrocarbons  
GRO - Gasoline Range Organics  
DRO - Diesel Range Organics  
EXT - Extended  
NA - Not Applicable  
ppm - parts per million  
BG- Background  
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  
\*\* - Value detected below the reporting limit; result is an estimate.  
**Bold** values exceed ECMC Standard  
Values reported below the laboratory detection limit are considered zero in Total TPH calculations.