

**Excavation Details:**  
 Estimated Area of Soil Impacts – 225 sq. ft.  
 Estimated Depth of Clean Overburden – NA  
 Approximate Depth to Groundwater – NA  
 Estimated Depth of Impacted Material – **0-3 ft.**  
 Estimated Minimum Volume of Impacted Soil for Removal – 25 cu. yds.  
 Estimated Minimum Volume of Impacted Soil for Removal (25% Bulked) – 32 cu. yds.

**FL01-K@1'**  
 (02/10/2023)  
 PID = 0.4 ppm  
 TPH = **565** mg/kg  
 Benzo(a)anthracene = **0.0378** mg/kg

**FL01-J@4'**  
 (02/07/2023)  
 PID = 0.2 ppm  
 Naphthalene = **0.0442** mg/kg  
 Benz(a)anthracene = **0.125** mg/kg  
 1-Methylnaphthalene = **0.00945** mg/kg  
 SAR = **7.26**

**FL01-J**  
 Excavation  
 Completed on  
**12/06/2023**

**FL01-C@4'**  
 (01/26/2023)  
 PID = 0.6 ppm

**FL01-E@4'**  
 (01/27/2023)  
 PID = 0.6 ppm

**FL01-D@4'**  
 (01/27/2023)  
 PID = 0.8 ppm

**FL01-F@4'**  
 (02/02/2023)  
 PID = 0.1 ppm

**FL01-G@4'**  
 (02/03/2023)  
 PID = 0.0 ppm

**FL01-I@4'**  
 (02/07/2023)  
 PID = 0.1 ppm

**FL01-H@4'**  
 (02/06/2023)  
 PID = 0.4 ppm

**BH01@4'**  
 (04/19/2023)  
 PID = 0.1 ppm  
 Arsenic = **1.14** mg/kg

**BH01@8'**  
 (04/19/2023)  
 PID = 0.6 ppm  
 Arsenic = **1.44** mg/kg

**Legend**

-  Hand Auger Soil Sample Location (Collected via Trimble GPS)
-  Noble Flowline
-  Soil Sample Location – Field Screen (Collected via Trimble GPS)
-  Soil Sample Location – Lab Analyzed (Collected via Trimble GPS)

**Notes**

- 1) All locations are approximate unless otherwise noted.
- 2) Buried infrastructure has been spatially projected.
- 3) Analytical results below laboratory detection limits or within compliance of COGCC Table 915-1 not shown.
- 4) Concentration in exceedance of COGCC table 915-1 soil standards indicated in **RED**.

GPS – Global Positioning System  
 mg/kg – Milligrams per kilogram  
 PID – Photoionization Detector  
 ppm – parts per million  
 TPH – Total Petroleum Hydrocarbons  
 SAR – Sodium Adsorption Ratio

0 ft. 125 ft. 250 ft.



Image Source: Google Earth; Google 2020

DATE: 8/2/2023

DESIGNED BY: JW

DRAWN BY: AE



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**Watkins 12-02**  
 NWSW, Section 12, Township 4 North, Range 64 West  
 Weld County, Colorado

Proposed Excavation Map