

Excavation Details:

Estimated Area of Soil Impacts – 331 sq. ft.
 Estimated Depth of Clean Overburden – NA
 Approximate Depth to Groundwater – 5-6 ft. bgs.
 Estimated Depth of Impacted Material – **0-8 ft.**
 Estimated Minimum Volume of Impacted Soil for Removal – 98 cu. yds.
 Estimated Minimum Volume of Impacted Soil for Removal (25% Bulked) –122 cu. yds.



<p>FL01-G@3' (03/23/2022)</p> <p>PID = 165.9 ppm Benzene = 0.0069 mg/kg Xylenes (total) = 48 mg/kg 1,2,4-Trimethylbenzene = 62 mg/kg 1,3,5-Trimethylbenzene = 40 mg/kg Naphthalene = 3.2 mg/kg TPH = 11,000 mg/kg 1-Methylnaphthalene = 3.04 mg/kg 2-Methylnaphthalene = 5.10 mg/kg</p>	<p>FL01-G@6' (03/23/2022)</p> <p>PID = 536.4 ppm Benzene = 0.019 mg/kg Ethylbenzene = 15 mg/kg Xylenes (total) = 140 mg/kg 1,2,4-Trimethylbenzene = 79 mg/kg 1,3,5-Trimethylbenzene = 45 mg/kg Naphthalene = 5.3 mg/kg TPH = 14,140 mg/kg Benzo(a)anthracene = 0.0965 mg/kg 1-Methylnaphthalene = 2.53 mg/kg 2-Methylnaphthalene = 5.62 mg/kg Arsenic = 8.29 mg/kg Barium = 32.0 mg/kg Selenium = 0.770 mg/kg</p>
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<p>BH01@6-7' (06/14/2022)</p> <p>PID = 289.9 ppm 1,2,4-TMB = 0.30 mg/kg 1,3,5-TMB = 0.14 mg/kg Naphthalene = 0.0092 mg/kg 1-M = 0.145 mg/kg 2-M = 0.143 mg/kg Arsenic = 3.18 mg/kg Selenium = 0.760 mg/kg</p>	<p>BH01@13-15' (06/14/2022)</p> <p>PID = 0.0 ppm Arsenic = 14.9 mg/kg Selenium = 1.25 mg/kg</p>
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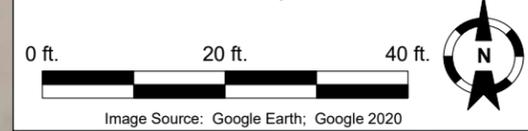
Legend

-  Assessment Location (Collected via Trimble GPS)
-  Soil Sample Location – Lab Analyzed (Collected via Trimble GPS)
-  Flowline Location (Abandoned in Place)

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**.

1-M – 1-Methylnaphthalene
 2-M – 2-Methylnaphthalene
 1,2,4-TMB – 1,2,4-Trimethylbenzene
 1,3,5-TMB – 1,3,5-Trimethylbenzene
 GPS – Global Positioning System
 mg/kg – Milligrams per kilogram
 ppm – Parts Per Million
 PID – Photoionization Detector
 TPH – Total Petroleum Hydrocarbons



DATE:	08/30/2022
DESIGNED BY:	JW
DRAWN BY:	JB



Tasman, Inc.
 6855 W 119th Avenue
 Broomfield, CO 80020

Noble Energy, Inc. – DJ Basin
 Baker B02-05 Flowline
 NWNW, Section 2, Township 5 North, Range 64 West
 Weld County, Colorado

Proposed Excavation Map