

Excavation Details:
Estimated Area of Soil Impacts – 100 sq. ft.
Estimated Depth of Clean Overburden – NA
Approximate Depth to Groundwater – 6 ft. bgs.
Estimated Depth of Impacted Material – **0-4 ft.**
Estimated Minimum Volume of Impacted Soil for Removal – 45 cu. yds.
Estimated Minimum Volume of Impacted Soil for Removal (25% Bulked) – 57 cu. yds.

FL01-A@3'
(03/21/2024)

PID = 0.6 ppm
Benz(a) = **0.0111** mg/kg
pH = **9.62**
Arsenic = **1.68** mg/kg
Barium = **262** mg/kg
Lead = **176** mg/kg

FL01-J@3'
(03/21/2024)

PID = 0.4 ppm
Naphthalene = **0.012** mg/kg
Benz(a) = **0.571** mg/kg
Benzo(a) = **0.349** mg/kg
Benzo(b) = **0.510** mg/kg
1-M = **0.00804** mg/kg
Arsenic = **1.49** mg/kg
Barium = **90.3** mg/kg
Lead = **17.1** mg/kg

FL01-G@2'
(03/22/2024)

PID = 0.0 ppm
Arsenic = **1.48** mg/kg
Barium = **109** mg/kg

FL01-F@2'
(03/22/2024)

PID = 0.0 ppm

FL01-H@3'
(03/21/2024)

PID = 0.4 ppm
Benz(a) = **0.0139** mg/kg
Arsenic = **1.28** mg/kg

FL01-I@5'
(03/21/2024)

PID = 0.6 ppm
Naphthalene = **0.0076** mg/kg
Benz(a) = **0.517** mg/kg
Benzo(a) = **0.312** mg/kg
Benzo(b) = **0.423** mg/kg
1-M = **0.0196** mg/kg
2-M = **0.0323** mg/kg
Arsenic = **0.943** mg/kg

FL01-E@2'
(03/21/2024)

PID = 0.0 ppm

FL01-D@2'
(03/21/2024)

PID = 0.0 ppm
Naphthalene = **0.050** mg/kg
Benz(a) = **1.05** mg/kg
Benzo(a) = **0.850** mg/kg
Benzo(b) = **1.13** mg/kg
A,H = **0.122** mg/kg
Fluorene = **0.740** mg/kg
1-M = **0.115** mg/kg
2-M = **0.125** mg/kg
Arsenic = **1.38** mg/kg

FL01-K@3'
(03/22/2024)

PID = 0.4 ppm

FL01-L@3'
(03/22/2024)

PID = 0.5 ppm
Benz(a) = **0.0311** mg/kg
pH = **9.01**
Arsenic = **1.14** mg/kg





FL01-M@3'
(03/22/2024)

PID = 2.9 ppm
1,3,5-TMB = **0.0090** mg/kg
Benz(a) = **0.0358** mg/kg
pH = **8.42**
Arsenic = **0.815** mg/kg
Selenium = **0.449** mg/kg

FL01-N@3'
(03/22/2024)

PID = 0.5 ppm
Benz(a) = **0.135** mg/kg
1-M = **0.0150** mg/kg
2-M = **0.0276** mg/kg
Arsenic = **0.449** mg/kg

Legend

-  Proposed Background Sample Location
-  Flowline Location
-  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 ECMC Table 915-1 not shown.
- 4) Concentration in exceedance of ECMC table 915-1 soil standards indicated in **RED**.
- 5) The sources identified at FL01-J (Spill ID 486555), FL01-I (Spill ID 486554), FL01-H (Spill ID 486547), FL01D (Spill ID 486553), and FL01-C (Spill ID 486552) will be removed through a remedial excavation, which will be managed under ECMC Remediation Number 29936.

GPS – Global Positioning System
mg/kg – Milligrams per kilogram
PID – Photoionization Detector
ppm – parts per million
TMB – Trimethylbenzene
Benz(a) – Benz(a)anthracene
Benzo(a) – Benzo(a)pyrene
Benzo(b) – Benzo(b)fluoranthene
A,H – Dibenzo(a,h)anthracene
M – Methylnaphthalene

0 ft. 150 ft. 300 ft.

Image Source: Google Earth; Google 2024

DATE: 05/23/2024

DESIGNED BY: JW

DRAWN BY: HM



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Proposed Excavation Map