

July 27, 2018



Mr. Chad Staniszewski  
Mr. Eugene Melnyk  
New York State Department of Environmental Conservation  
270 Michigan Avenue  
Buffalo, NY 14203

Dear Mr. Staniszewski & Mr. Melnyk:

## **OU 2 Test Pit Investigation Work Plan**

On behalf of Elk Street Commerce Park, LLC, and per the requirements of the Brownfield Cleanup Program, Amec E&E PC, is submitting this remedial investigation work plan for a limited remedial investigation at the Operable Unit (OU) 2 West property on Elk Street in Buffalo, New York. The limited investigation consists of conducting test pit activities. The intent of the investigation is make visual and olfactory observations of subsurface materials at each location. A photoionization detector (PID) may also be utilized during the course of the work. The test pits are to be excavated at the request of the property owner and will be conducted in conjunction with the ongoing OU2 West Remedial Action.

## **SCOPE OF WORK**

The proposed remedial investigation consists of excavating four shallow test pits. The locations of the proposed test pits are shown on Figure 1. The following procedures will be adhered to at each test pit location:

- Test pits will be excavated by a mid-sized excavator.
- The test pits will be excavated in a controlled manner, approximately 8 to 12-inches in depth per bucket, from the ground surface to the depth of 4-feet below ground surface or until the top of clay, whichever is shallower.
- At each depth interval, observations of soil type, color, odor and PID reading will be recorded.
- Excavated material will be temporarily placed on polyethylene sheets adjacent to the test pit.
- At the completion of excavating each test pit, the excavated materials will be replaced back into the excavation in such a manner that the material that was excavated last will

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be placed back in the excavation first. The backfilled material will be compacted by tamping with the excavator's bucket.

All field work will be conducted in adherence to the current site Health and Safety Plan including appropriate personal protection equipment and air monitoring procedures. It is anticipated that test pitting activities will be completed during the course of a single work day.

Sincerely,

**AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE**



Richard Egan  
Associate Geotechnical Engineer

Attachment

LEGEND

- STABILIZE SOILS TO CLAY ELEVATION
- STABILIZE SOILS TO 5 FOOT DEPTH BELOW EXISTING GRADE
- (10)

SOIL DEPTH TO CLAY CONTOUR (FROM EXISTING GRADE)
- LEAD IMPACTED SOIL LIMITS
- OU2 WEST IMPACTED SOIL EXCAVATION LIMITS
- EXCAVATION CELL LIMTS
- EXCAVATION FLOOR SAMPLE ONE PER 900 SF
- △

EXCAVATION WALL SAMPLE ONE PER 30 LF

ORLANDO AVENUE

OU2 WEST

PROPOSED TEST PIT #1

EXCAVATE TO A DEPTH OF 1 FT BELOW EXISTING GRADE

PROPOSED TEST PIT #2

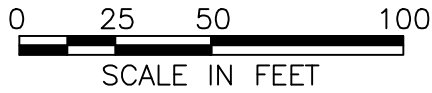
PROPOSED TEST PIT #4

PROPOSED TEST PIT #3

FORMERLY BABCOCK AVENUE

OU2

FORMERLY PRENATT STREET



Prepared/Date: RJR 07/27/18  
Checked/Date: RSE 07/27/18

ELK STREET PROPERTY  
BUFFALO, NY



OU2 WEST  
TEST PIT LOCATIONS  
Project 3617-16-7397  
Figure 1