DAILY FIELD REPORT

Project	Former Port Mobil Terminal	**Report No.**	8
NYSDEC Site	#243016	**Date**	8/27/2025
Location	4101 Arthur Kill Road, Staten Island, New York	**File No.**	0208988
Client	NP Staten Island Industrial, LLC	**Temperature**	59-76°F
Contractors	R. Baker & Son (Baker) Industrial Development Advantage (IDA), Entact, Lakewood Environmental Services (Lakewood), Haley & Aldrich	**Wind**	NW to SE up to 15 mph
Weather	Sunny	**Personnel on Site**	K. Oconnor, S. Sotomayor S. Greco, M. Boland, S. Underhill
Humidity	49%	**Time on Site**	6:45 am to 5:30 pm

H&A of New York Engineering and Geology, LLP (Haley & Aldrich) was present to document the implementation of the following work plans for the Former Port Mobil Terminal, located at 4101 Arthur Kill Road, Staten Island, NY:

- May 2021 Demolition Plan (Phase 1B-Tank Bottoms) prepared by Industrial Development Advantage Port Mobil, LLC and Weston Solutions of New York, Inc.
- May 2025 Pre-Design Investigation Work Plan (Permeable Reactive Barrier Wall Soil Borings Characterization) prepared by H&A of New York Engineering and Geology, LLP.
- June 2025 In-Situ Solidification Pilot Study Work Plan prepared by H&A of New York Engineering and Geology, LLP.
- July 2025 Soil Reuse Characterization Plan (Permeable Reactive Barrier Wall Soil Sampling) prepared by H&A of New York Engineering and Geology, LLP.

Site Observations are summarized below.

Daily Observations:

- Baker continued the demolition of AST-5, AST-7, AST-8 and AST-10 steel tank bottoms using excavators with shear and grapple attachments. Steel C&D debris was folded and stockpiled adjacent to the tank bottoms area within the surrounding berm.
- Baker loaded steel C&D debris into (4) semi-trailers for off-site disposal at Klein Recycling.
- Entact completed dry mixing for ISS pilot study in cell 1A and collected samples for UCS and hydraulic conductivity analyses.
- Lakewood drilled soil borings for the PRB-PDI characterization and reuse sampling.
- Haley & Aldrich field personnel performed community air monitoring during the implementation of the tank bottoms demolition work activities.

C&D Debris Material Export:

Facility	*Klein Recycling Hillsborough Township, NJ*		*Total*	
Today:	Loads 4	Tons 160	Loads 4	Tons 160
Total:	12	480	12	480

Note: Tonnage is approximate, executed tonnages to be provided.

CAMP Activities:

- Background air monitoring was performed at five locations from 6:45 am to 5:15 pm.
  - Station #1 upwind of the tank bottoms demolition and ISS pilot study work area
  - Station #2 downwind of the tank bottoms demolition and ISS pilot study work area
  - Station #3 upwind of the tank bottoms demolition and ISS pilot study work area
  - Station #4 downwind of the PRB wall soil borings work area
  - Station #5 upwind of the PRB wall soil borings work area
- No 15-minute average concentrations of VOCs or particulate matter smaller than 10 microns in diameter (PM10) exceeded the action levels. No visible dust was observed leaving the site perimeter.

Sampled Collected:

- 2 Composite Samples (PRB-S2_0-10 and PRB-S2_10-20)
- 14 Discrete Samples (PRB-1_7-8, PRB-1_14-15, PRB-2_4-5, PRB-2_11-12, PRB-3_9-10, PRB-3_16-17, PRB-4_8-9, PRB-4_13-14, PRB-7_7-8, PRB-7_15-16, PRB-5_4-5, PRB-5_14-15, PRB-6_1-2, and PRB-6_18-19)
- 2 Geotech Samples (PRB-03_GEO_10-15 and PRB-07_GEO_10-15)

Activities Planned for Coming Week:

- Baker will continue demolishing steel tank bottoms and stockpiling material.
- Entact will conduct soil and reagent mixing for the ISS Pilot Study.
- Lakewood will continue drilling soil borings for the PRB-PDI characterization and reuse sampling.

Site Photographs (Tank Bottoms Demolition):

Photo 1: View of steel tank bottoms demolition at AST-8, facing northeast.

Photo 2: View of steel C&D debris being loaded for off-site disposal, facing south.

Site Photographs (PRB Wall-PDI/Reuse Soil Borings):

Photo 1: View of Lakewood soil boring installation activities along PRB wall segment 2, facing southwest.

Photo 2: View of Lakewood soil boring installation activities along PRB wall segment 3, facing north.

Site Photographs (ISS Pilot Study):

Photo 1: View of Entact dry mixing ISS reagents and soil in cell 1A, facing northeast.

Photo 2: View of Entact pumping ISS reagents into containment box for dry mixing in cell 1A, facing northeast.

LEGEND

- CONTAINMENT BERM
- IRM 1 BOUNDARY
- CAMP STATIONS
- ACTIVE TANK DEMOLITION AREA
- COMPLETED TANK DEMOLITION AREA
- SURFACE IMPOUNDMENT
- PROJECT SITE BOUNDARY
- STOCKPILE LOCATION (C&D DEBRIS)
- STOCKPILE LOCATION (VISUALLY CLEAN SOIL)
- WIND DIRECTION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ALAMEDA COUNTY
3. AERIAL IMAGERY SOURCE; NEARMAP, 20 JUNE 2024.

0 420 840
SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

SITE PLAN

APRIL 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2024_0712\208988_000_ALTERNATIVE_ANALYSIS\208988_000_FORMER_PORT_MOBIL_TERMINAL.aprx - USER: dfm - LAST SAVED: 10/22/2024 1:45 PM

ARTHUR KILL

STATION #5 (AM)

STATION #4

STATION #5 (PM)

PRB-A

PRB-B

PRB-C

PRB-D

PRB-01

PRB-02

PRB-03

PRB-04

PRB-05

PRB-06

PRB-07

PRB-08

PRB-09

PRB-10

PRB-11

PRB-12

PRB-13

PRB-14

PRB-15

PRB-16

PRB-17

PRB-E

PRB-F

PRB-G

PRB-H

Segment 1

Segment 2

Segment 3

Segment 4

Segment 5

Segment 6

MARINE WAREHOUSE AND OFFICE

OFFICE AND GARAGE

OIL/WATER SEPARATOR

DRAVO BUILDING

AREA :AST-04

AREA :MW-101

LEGEND

- BORING LOCATION / COMPOSITE POINT COMPLETED TODAY
- BORING LOCATION / COMPOSITE POINT COMPLETED PREVIOUSLY
- CONTAINMENT BERM
- SURFACE IMPOUNDMENT
- PERMEABLE REACTIVE BARRIER (PRB) WALL
- PROJECT SITE BOUNDARY
- APPROXIMATE EXTENT OF LNAPL
- ISS AREA
- WIND DIRECTION
- AIR MONITORING STATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. PROTECTION OF GROUNDWATER EXCEEDANCES ARE SHOWN FOR THE VADOSE ZONE ONLY
3. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

0 150 300

SCALE IN FEET

HALEY ALDRICH

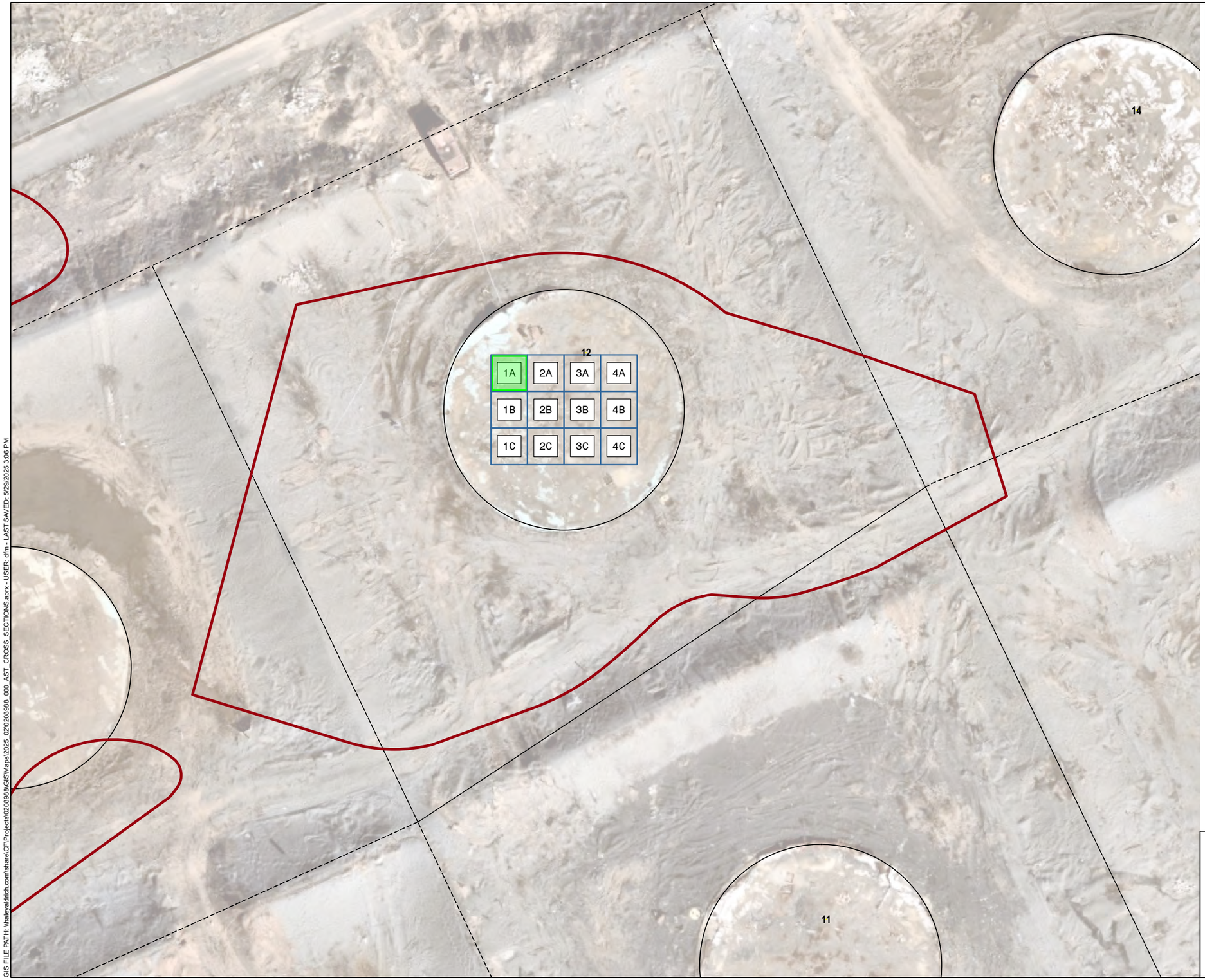
FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEWYORK

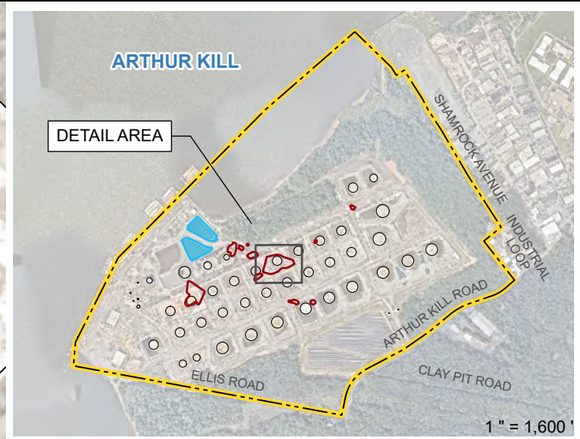
SITE PLAN - PRB WALL

APRIL 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0208988\GIS\Maps\2025_04\208988_AA_RAWP_FIGURES.aprx - USER: dfm - LAST SAVED: 4/21/2025 11:14 AM





LEGEND

- APPROXIMATE EXTENT OF LNAPL
- ISS TREATMENT AREA - COMPLETED TODAY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ISS = IN-SITU SOLIDIFICATION
3. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

SITE PLAN - ISS PILOT STUDY

MAY 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich.com\share\CFI\Projects\0209898\GIS\Maps\2025_0209898_000_AST_CROSS_SECTIONS.aprx - USER: dfm - LAST SAVED: 5/29/2025 3:06 PM

4101 Arthur Kill Rd, Staten Island, New York, 10309

Air Monitoring Log

Date : 2025-08-27

Personnel : K, OConnor, S. Sotomayor, S. Greco, M. Boland
Weather : Sunny, 59-76°F
Humidity : 49%
Wind Direction : NW to SE up to 15 mph

Particulate Background (ug/m3) : 1.680
PID Background (ppm) : 0.1

Action Levels : Downwind perimeter of work area above background levels
PID (ppm) : > 5 ppm for the 15-min average
Dust (ug/m3) : > 150 for the 15-min average

Minute of Time	Avg. PM10 (Station1)	Avg. PM10 (Station2)	Avg. PM10 (Station3)	Avg. PM10 (Station4)	Avg. PM10 (Station5)	Avg. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Avg. VOC (Station4)	Avg. VOC (Station5)	Odors	Notes Activities/ Additional Monitoring
06:45	3.077	3.200	1.910	1.68	2.55	0.0	0.0	0.0	0.1	0.2		
07:00	1.725	3.316	1.977	1.65	2.75	0.1	0.0	0.0	0.1	0.1		
07:15	1.588	8.727	1.759	1.42	2.23	0.0	0.0	0.1	0.1	0.1		
07:30	2.399	2.807	1.606	1.32	1.63	0.0	0.0	0.0	0.0	0.0		
07:45	1.280	4.123	1.644	1.58	1.77	0.0	0.0	0.0	0.0	0.0		
08:00	2.065	17.119	2.442	1.99	2.12	0.0	0.0	0.0	0.0	0.0		
08:15	1.853	11.903	1.966	1.78	2.36	0.0	0.0	0.0	0.0	0.0		
08:30	1.275	2.268	2.638	2.32	2.56	0.0	0.0	0.0	0.0	0.0		
08:45	1.131	2.165	1.789	1.76	1.55	0.0	0.0	0.0	0.0	0.0		
09:00	0.919	2.234	1.633	1.19	1.37	0.0	0.0	0.0	0.0	0.0		
09:15	1.987	1.953	1.659	1.13	2.58	0.0	0.0	0.0	0.0	0.0		
09:30	3.063	1.885	1.585	1.16	1.88	0.0	0.0	0.0	0.0	0.0		
09:45	1.278	1.863	1.423	1.12	1.85	0.0	0.0	0.0	0.0	0.0		
10:00	1.241	1.624	1.483	1.05	1.41	0.0	0.0	0.0	0.0	0.0		
10:15	0.799	1.190	1.313	0.91	4.29	0.0	0.0	0.0	0.0	0.0		
10:30	0.627	1.401	1.623	0.84	2.09	0.0	0.0	0.0	0.0	0.0		
10:45	1.218	0.914	1.430	0.74	1.63	0.0	0.0	0.0	0.0	0.0		

4101 Arthur Kill Rd, Staten Island, New York, 10309

Air Monitoring Log

Minute of Time	Avg. PM10 (Station1)	Avg. PM10 (Station2)	Avg. PM10 (Station3)	Avg. PM10 (Station4)	Avg. PM10 (Station5)	Avg. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Avg. VOC (Station5)	Avg. VOC (Station4)	Odors	Notes Activities/ Additional Monitoring
11:00	4.524	4.009	0.965	3.110	1.402	0.0	0.0	0.0	0.0	0.1		
11:15	0.791	0.901	0.976	1.075	1.845	0.0	0.0	0.0	0.0	0.1		
11:30	1.341	1.997	1.048	2.324	1.143	0.0	0.0	0.0	0.0	0.1		
11:45	2.385	5.217	1.089	2.837	2.013	0.0	0.0	0.0	0.0	0.1		
12:00	5.720	1.443	1.165	1.161	1.384	0.0	0.0	0.0	0.0	0.1		
12:15	1.217	0.818	1.121	0.953	0.948	0.0	0.0	0.0	0.0	0.0		
12:30	1.675	0.872	1.000	0.983	1.873	0.0	0.0	0.0	0.0	0.1		
12:45	1.867	1.149	1.111	1.006	3.388	0.0	0.0	0.0	0.0	0.0		
13:00	2.303	2.032	1.753	0.989	1.135	0.0	0.9	0.0	0.0	0.1		
13:15	1.031	0.983	2.638	1.987	0.995	0.0	0.6	0.0	0.0	0.0		
13:30	0.747	0.625	7.162	1.338	1.518	0.0	0.1	0.0	0.0	0.0		
13:45	0.849	0.657	2.914	0.967	1.588	0.0	0.0	0.0	0.0	0.1		
14:00	3.527	1.641	1.054	1.160	1.153	0.0	0.5	0.0	0.0	0.1		
14:15	1.350	2.545	0.951	1.103	1.357	0.0	0.4	0.0	0.0	0.0		
14:30	1.352	0.845	1.161	0.801	1.471	0.0	0.1	0.0	0.0	0.0		
14:45	2.322	0.665	4.105	0.720	0.765	0.0	1.2	0.0	0.0	0.0		
15:00	1.161	0.733	3.763	0.507	1.152	0.0	0.1	0.0	0.0	0.0		
15:15	2.641	0.766	1.771	0.592	1.243	0.0	0.2	0.0	0.0	0.0		
15:30	0.771	0.748	0.965	0.642	1.085	0.0	0.2	0.0	0.0	0.0		
15:45	0.811	1.071	0.900	0.637	0.917	0.0	0.1	0.0	0.0	0.0		
16:00	1.802	0.873	0.937	0.557	0.913	0.0	0.1	0.0	0.0	0.0		
16:15	0.897	0.841	0.905	0.540	0.811	0.0	0.0	0.0	0.0	0.0		
16:30	1.263	0.753	1.047	0.614	1.831	0.0	0.0	0.0	0.0	0.0		
16:45	0.921	0.610	1.039	0.576	2.723	0.0	0.0	0.0	0.0	0.0		
17:00	0.733	0.649	0.967	0.599	1.504	0.0	0.0	0.0	0.0	0.0		
17:15	0.833	0.795	1.034	0.570		0.0	0.0	0.0		0.0		