

<b>Project</b>	Former Port Mobil Terminal	<b>Report No.</b>	126
<b>NYSDEC Site</b>	#243016	<b>Date</b>	4/10/2025
<b>Location</b>	4101 Arthur Kill Road Staten Island, NY	<b>File No.</b>	0208988
<b>Client</b>	NP Staten Island Industrial, LLC	<b>Temperature</b>	43-50°F
<b>Contractor</b>	Haley & Aldrich, Lakewood Environmental Services Corp.	<b>Wind Direction</b>	SE to NW up to 20 mph
<b>Weather</b>	Sunny	<b>Personnel on Site</b>	K. O'Connor, G. Poulton
<b>Humidity</b>	70%	<b>Time on Site</b>	6:45 am to 3:45 pm

H&A of New York Engineering and Geology, LLP (Haley & Aldrich) was present to oversee installation of eleven (11) post-remediation monitoring wells in conformance with the April 2025 Post-Remediation Performance Well Installation Memo prepared by Haley & Aldrich for the Former Port Mobil Terminal, located at 4101 Arthur Kill Road, Staten Island, NY, as required by the August 2024 NYSDEC-approved Interim Remedial Measures 1 Work Plan (IRM 1 Work Plan). Site Observations are summarized below.

## **Daily Observations/Work Completed:**

- Haley & Aldrich field personnel performed community air monitoring during the implementation of activities associated with the post-remediation performance well installation within the IRM 1 work areas.
- Lakewood completed installation of five (5) groundwater monitoring wells (one of which was a reinstallation of a previously installed well) associated with LNAPL/BOS200 application excavations within the IRM #1 central and eastern areas. Flush-mounted well covers were installed on the wells, as outlined in the April 2025 Post-Remediation Performance Well Installation Memo.
- MW-EX14 was reinstalled as the original location (installed April 9, 2025) was determined to be immediately west of the interior sheet pile wall (noted as critical infrastructure along the entirety of the IRM 1 work area) and would not be representative of groundwater conditions downgradient of Excavation 14 as the sheet pile wall may impede groundwater flow from the remediation area. As such, MW-EX14 was reinstalled in closer proximity to Excavation 14 to remain directly downgradient of Excavation 14.
- All eleven wells were developed in preparation of performance sampling via low-flow sampling techniques.

## **Monitoring Wells Installed:**

- MW-EX4, MW-EX4A, MW-EX5, MW-EX8, MW-EX14 (reinstallation)

## Waste Disposal/Backfill Import Tracking:

### Material Export:

- Soil/Fill disposal is summarized below:

Facility	<i>Pure Soil Technologies Jackson, NJ</i>		<i>White Pines Landfill Millville, PA</i>				<i>Total</i>	
<i>Today:</i>	Loads 0	Tons 0	Loads 0	Tons 00	Loads 0	Tons 0	Loads 0	Tons 0
<i>Total:</i>	<u>788</u>	<u>15,760</u>	<u>32</u>	<u>640</u>	<u>0</u>	<u>0</u>	<u>820</u>	<u>16,400</u>

*Note: Tonnage is approximate, executed tonnages to be included in the Construction Completion Report*

- Water disposal is summarized below:

Facility	<i>Clean Water of New York, Inc. Staten Island, NY</i>						<i>Total</i>	
<i>Today:</i>	Trucks 0	Gallons 0	Trucks 0	Gallons 0	Trucks 0	Gallons 0	Trucks 0	Gallons 0
<i>Total:</i>	<u>85</u>	<u>492,757</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>85</u>	<u>492,757</u>

*Note: Tonnage is approximate, executed tonnages to be included in the Construction Completion Report*

### Material Import:

- Fill import is summarized below:

Facility	<i>Mount Hope Quarry ASTM #57 – ¾" Stone</i>		<i>Total (Trucks)</i>		<i>Inwood Material Terminal, Inwood, NY Approved Fill</i>		<i>Inwood Material Terminal, Inwood, NY Approved Fill</i>	
<i>Today:</i>	Loads 0	CY 0	Loads 0	CY 0	Barges 0	Tons 0	Loads 0	Tons 0
<i>Total:</i>	<u>332</u>	<u>7,569.35</u>	<u>332</u>	<u>7,569.35</u>	<u>12</u>	<u>21,214.60</u>	<u>11</u>	<u>327.37</u>

*Note: 1 truckload estimated at 20 cubic yards. Quantities to be included in the Construction Completion Report.*

### CAMP Activities:

- Background air monitoring was performed at three locations, one at the western boundary of the berm sampling work area, one at the central location of the berm sampling work area, and one at the eastern boundary of the berm sampling work area, from 7:00 AM to 3:15 PM.
- 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.

### Activities Planned for Coming Week:

- Sampling of post-remedy groundwater monitoring wells for LNAPL excavations.

Site Staff		
Company	Individual	Title
Haley & Aldrich	Kassidy O'Connor	Field Manager
Haley & Aldrich	George Poulton	Field Staff
Lakewood Environmental Services Corp.	Mike Kolasinski	Driller
Lakewood Environmental Services Corp.	Michael White	Driller
EA Engineering	Thomas Irvine	Site Inspector
Site Equipment		
Name	Contractor	Quantity
Geoprobe 6710DT	Lakewood Drilling	1

**Site Photographs:**

Photo 1: *View of soft-digging at MW-EX4A prior to installation, facing south.*



Photo 2: *View of well installation of MW-EX4A, facing west.*



**Site Photographs:**

*Photo 3: View of well development at MW-EX14, facing north*



*Photo 4: View of completed well at MW-EX8, facing west.*



**Wind Direction**

**LEGEND**

- EXISTING MONITORING WELL
- PROPOSED NEW/REPLACEMENT WELL LOCATION
- EXTENT OF LNAPL EXCAVATIONS IN IRM 1
- IRM 1 BOUNDARY
- IRM 1 SUB-AREA BOUNDARY
- ANTICIPATED EXTENTS OF LNAPL PRIOR TO IRM 1 WORK
- PROJECT SITE BOUNDARY

**NOTES**

- ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
- SITE FEATURES SOURCE: WESTON SOLUTIONS
- AERIAL IMAGERY SOURCE: NEARMAP, 5 OCTOBER 2024

**HALEY ALDRICH**

FORMER PORT MOBIL TERMINAL  
STATEN ISLAND, NEW YORK

**IRM 1 LNAPL EXCAVATION AREAS  
AND PROPOSED MONITORING  
WELL LOCATIONS**

APRIL 2025

**FIGURE 2**

*Reference: Post-Remediation Performance Well Installation Report prepared by  
Haley & Aldrich of New York, dated April 2025.*

**LEGEND:**

- CAMP Station  
● Installed Well Location

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

### Air Monitoring Log

Date : 2025-04-10

Personnel : K. O'Connor  
Weather : Sunny, 43-50°F  
Humidity : 70%  
Wind Direction : SE to NW, 20 mph

Particulate Background (ug/m3) : 6.280  
PID Background (ppm) : 0.0

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. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Odors	Notes Activities/ Additional Monitoring
06:45	5.098	6.280		0.0	0.0			
07:00	3.493	4.232	4.250	0.0	0.0	0.0		
07:15	3.413	3.535	2.686	0.0	0.0	0.0		
07:30	3.191	3.079	2.781	0.0	0.0	0.0		
07:45	3.546	3.201	2.635	0.0	0.0	0.0		
08:00	2.685	2.883	2.224	0.0	0.0	0.0		
08:15	2.339	2.843	2.151	0.0	0.0	0.0		
08:30	1.999	2.687	1.479	0.0	0.0	0.0		
08:45	1.627	2.459	1.216	0.0	0.0	0.0		
09:00	1.288	2.634	0.900	0.0	0.0	0.0		
09:15	1.378	2.351	0.879	0.0	0.0	0.0		
09:30	2.871	2.786	1.201	0.0	0.0	0.0		
09:45	1.839	2.505	1.349	0.0	0.0	0.0		
10:00	1.825	2.173	1.424	0.0	0.0	0.0		
10:15	2.422	2.091	1.435	0.0	0.0	0.0		
10:30	2.192	2.041	1.483	0.0	0.0	0.0		
10:45	2.167	2.232	2.254	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. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Odors	Notes Activities/ Additional Monitoring
11:00	2.122	2.625	3.773	0.0	0.0	0.0		
11:15	2.109	2.512	3.581	0.0	0.0	0.0		
11:30	2.179	2.533	3.563	0.0	0.0	0.0		
11:45	2.305	2.928	3.407	0.0	0.0	0.0		
12:00	2.331	2.985	3.568	0.0	0.0	0.0		
12:15	2.254	3.223	3.510	0.0	0.0	0.0		
12:30	2.846	3.447	4.091	0.0	0.0	0.0		
12:45	2.958	3.589	3.923	0.0	0.0	0.0		
13:00	2.717	3.317	3.779	0.0	0.0	0.0		
13:15	3.500	3.549	4.105	0.0	0.0	0.0		
13:30	3.511	3.993	3.864	0.0	0.0	0.0		
13:45	3.135	2.811	3.673	0.0	0.0	0.0		
14:00	2.877	2.620	3.394	0.0	0.0	0.0		
14:15	2.266	2.703	3.266	0.0	0.0	0.0		
14:30	2.177	2.622	3.224	0.0	0.0	0.0		
14:45	2.740	3.054	3.428	0.0	0.0	0.0		
15:00	1.671	2.557	3.580	0.0	0.0	0.0		
15:15	3.070	2.224	3.356	0.0	0.0	0.0		