

Project	Former Port Mobil Terminal	Report No.	125
NYSDEC Site	#243016	Date	4/9/2025
Location	4101 Arthur Kill Road Staten Island, NY	File No.	0208988
Client	NP Staten Island Industrial, LLC	Temperature	33-47°F
Contractor	Haley & Aldrich, Lakewood Environmental Services Corp.	Wind Direction	NW to SE up to 10 mph
Weather	Sunny	Personnel on Site	K. O'Connor
Humidity	10%	Time on Site	6:45 am to 2:15 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 seven (7) groundwater monitoring wells associated with LNAPL/BOS200 application excavations within the IRM #1 western, central and eastern areas. Flush-mounted well covers or pipe guards were installed, as outlined in the April 2025 Post-Remediation Performance Well Installation Memo.

Monitoring Wells Installed:

- ICM-10R, TMP-2R, MW-EX8, MW-EX10, MW-EX11, MW-113R

Waste Disposal/Backfill Import Tracking:

Material Export:

- Soil/Fill disposal is summarized below:

Facility	Pure Soil Technologies Jackson, NJ		White Pines Landfill Millville, PA				Total	
Today:	Loads	Tons	Loads	Tons	Loads	Tons	Loads	Tons
	0	0	0	00	0	0	0	0
<u>Total:</u>	<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	Clean Water of New York, Inc. Staten Island, NY						Total	
Today:	Trucks	Gallons	Trucks	Gallons	Trucks	Gallons	Trucks	Gallons
	0	0	0	0	0	0	0	0
<u>Total:</u>	<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	Mount Hope Quarry ASTM #57 – ¾" Stone		Total (Trucks)		Inwood Material Terminal, Inwood, NY Approved Fill		Inwood Material Terminal, Inwood, NY Approved Fill	
Today:	Loads	CY	Loads	CY	Barges	Tons	Loads	Tons
	0	0	0	0	0	0	0	0
<u>Total:</u>	<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 2:00 PM.
- Station 3 experienced connectivity issues throughout the workday and after troubleshooting, did not begin logging data until 1:45 PM, upon the completion of work. The backup CAMP station was mobilized from 7:00 AM to 1:30 PM to monitor background readings for Station 3. The field log is attached to this report.
- No other 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:

- Install remaining monitoring wells.
- Develop all eleven (11) wells after installation

Site Staff		
Company	Individual	Title
Haley & Aldrich	Kassidy O'Connor	Field Manager
Lakewood Drilling	Mike Kolasinski	Driller
Lakewood Drilling	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 installation for MW-EX11113R, facing south.



Photo 2: View of installation for MW-EX11, facing south.

Site Photographs:

Photo 3: View of installation of stick-up monitoring well for MW-EX11, facing west.



Photo 4: View of flush mount installation for MW-EX6, 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

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SITE FEATURES SOURCE: WESTON SOLUTIONS
3. 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 : 2025-04-09

Personnel : K. O'Connor
Weather : Sunny, 33-47°F
Humidity : 10%
Wind Direction : NW to SE, 10 mph

Particulate Background (ug/m3) : 7.821
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		4.667			0.0			
07:00	7.821	2.180		0.0	0.0			
07:15	8.152	3.587		0.0	0.0			
07:30	9.475	4.329		0.0	0.0			
07:45	9.402	5.022		0.0	0.0			
08:00	8.612	4.467		0.0	0.0			
08:15	8.321	5.283		0.0	0.0			
08:30	8.394	4.137		0.0	0.0			
08:45	7.461	3.899		0.0	0.0			
09:00	6.929	4.940		0.0	0.0			
09:15	5.748	5.113		0.0	0.0			
09:30	4.975	4.747		0.0	0.0			
09:45	5.447	6.001		0.0	0.0			
10:00	4.585	5.766		0.0	0.0			
10:15	3.917	3.975		0.0	0.0			
10:30	4.415	4.445		0.0	0.0			
10:45	4.226	4.464		0.0	0.0			

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

Air Monitoring Log

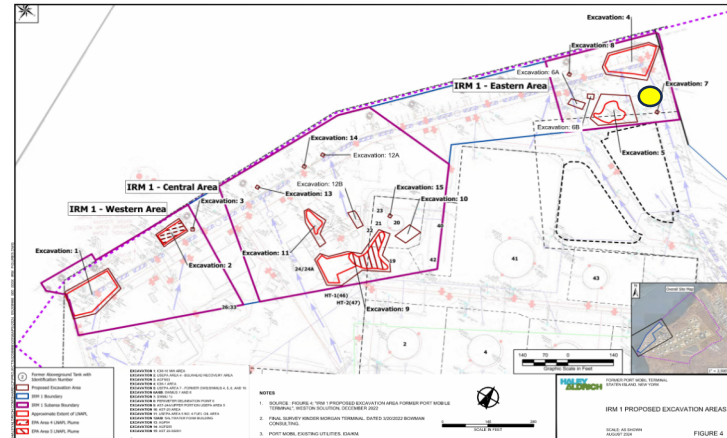
Minute of Time	Avg. PM10 (Station1)	Avg. PM10 (Station2)	Avg. PM10 (Station3)	Avg. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Odors	Notes Activities/ Additional Monitoring
11:00	4.075	3.993		0.0	0.0			
11:15	3.457	4.259		0.0	0.0			
11:30	3.147	4.330		0.0	0.0			
11:45	3.103	4.075		0.0	0.0			
12:00	3.765	3.956		0.0	0.0			
12:15	3.625	3.358		0.0	0.0			
12:30	3.765	2.347		0.0	0.0			
12:45	3.064	2.320		0.0	0.0			
13:00	3.204	1.930		0.0	0.0			
13:15	2.672	1.779		0.0	0.0			
13:30	2.744	1.625		0.0	0.0			
13:45	2.635	1.976		0.0	0.0			
14:00	2.585	3.438		0.0	0.0			

Air Monitoring Log

Date: 4/9/2025
 Personnel: K. O'Connor
 Weather: Sunny, 33-47°F
 Humidity: 10%
 Wind Direction: NW to SE up to 10 mph

Site Map:

WIND



Particulate Background (mcg/m3): 5.478
 PID Background (ppm): 0

Upwind

Dustrak #:

Downwind

Dustrak #: 8530142409 PID#: 592-601840

Time	Particulate		VOCs			Notes
	Upwind	Downwind	Upwind	Downwind		
	Dust (mcg/m3)	Dust (mcg/m3)	PID (ppm)	PID (ppm)	Odors (y/n)	
630						Backup particulate monitor and roving PID utilized as Station 3 encountered data transmission issues. Equipment vendor able to troubleshoot and readings continued (consistently) by 1:45 PM. Particulate readings are on average as per data transmissions.
645						
700		5.478		0		
715		9.887		0		
730		3.256		0		
745		2.456		0		
800		5.238		0		
815		1.971		0		
830		3.445		0		
845		4.837		0		
900		6.232		0		
915		6.547		0		
930		7.928		0		
945		6.724		0		
1000		5.322		0		
1015		7.098		0		
1030		6.098		0		
1045		5.827		0		

Air Monitoring Log

Time	Upwind	Downwind	Upwind	Downwind	Notes
	Dust (mcg/m3)	Dust (mcg/m3)	PID (ppm)	PID (ppm) Odors (y/n)	
1100		7.255		0	Backup particulate monitor and roving PID utilized as Station 3 encountered data transmission issues. Equipment vendor able to troubleshoot and readings continued (consistently) by 1:45 PM. Particulate readings are on average as per data transmissions.
1115		4.09		0	
1130		4.815		0	
1145		4.614		0	
1200		5.091		0	
1215		5.341		0	
1230		2.987		0	
1245		3.652		0	
1300		2.656		0	
1315		1.398		0	
1330		2.086		0	
1345					
1400					
1430					
1445					
1500					
1515					
1530					
1545					
1600					
1615					
1630					
1645					
1700					
1715					
1730					
1745					
1800					
1815					
1830					
1845					
1900					