

<b>Project</b>	Former Port Mobil Terminal – IRM #1	<b>Report No.</b>	88
<b>NYSDEC Site</b>	#243016	<b>Date</b>	2/6/2025
<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>	33-39°F
<b>Contractor</b>	Entact, Haley & Aldrich	<b>Wind Direction</b>	SE to NW up to 10 mph
<b>Weather</b>	Wintry Mix AM, Overcast PM	<b>Personnel on Site</b>	K. O'Connor, C. Lorthioir
<b>Humidity</b>	93%	<b>Time on Site</b>	6:30 am to 5:00 pm

H&A of New York Engineering and Geology, LLP (Haley & Aldrich) was present to document the implementation of the August 2024 NYSDEC-approved Interim Remedial Measures 1 Work Plan (IRM 1 Work Plan) prepared by Haley & Aldrich for the Former Port Mobil Terminal, located at 4101 Arthur Kill Road, Staten Island, NY. Site Observations are summarized below.

## Daily Observations:

- Haley & Aldrich field personnel performed community air monitoring during the implementation of the activities in the approved IRM 1 Work Plan.
- Entact completed placement of top demarcation layer and top stone layer in Excavations 1A, 1B, 1C, 9, and 10.
- Entact continued to expand Excavation 11 based on the requirements of the IRM 1 Work Plan, with further shaker tests and documentation samples to be recollected from areas that are visually free of product.
- Haley & Aldrich collected shaker tests on east and north wall of Excavation 11 to address extents of excavation.
- Haley & Aldrich collected eight (8) endpoint samples at Excavation 11.
- Entact loaded twelve (12) tri-axle trucks with soil from Excavation 11 for transport to Pure Soil Technologies in Jackson, NJ for off-site disposal.

## 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
	12	240	0	0	0	0	12	240
<b>Total:</b>	<b>738</b>	<b>14,760</b>	<b>18</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>756</b>	<b>15,120</b>

*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>50</u>	<u>301,401</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>50</u>	<u>301,401</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>Today:</i>	Loads 0	CY 0	Loads 30	CY 696.98	Barges 0	Tons 0
<i>Total:</i>	<u>200</u>	<u>4,712.77</u>	<u>200</u>	<u>4,712.77</u>	<u>11</u>	<u>19557.60</u>

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

## Samples Collected:

- EX11-EP3\_6.5-7.5, EX11-EP8\_6.5-7.5, EX11-EP11\_6.5-7.5, EX11-EP12\_6.5-7.5, EX11-EP13\_6.5-7.5, EX11-EP15\_6.5-7.5, EX11-EP16\_6.5-7.5, EX11-EP17\_6.5-7.5

## CAMP Activities:

- Background air monitoring was performed at three locations, one at the western boundary of the IRM 1 work area, one at the central location of the IRM 1 work area, and one at the eastern boundary of the IRM 1 work area, from 7:00 AM to 4:30 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.
- Intermittent PID readings were collected during backfilling activities. The daily PID log is appended to the end of this daily report.

**Activities Planned for Coming Week:**

- Excavation 11 will continue to be expanded based on the requirements of the IRM 1 Work Plan, with shaker tests and documentation samples to be recollected from failed locations.
- Entact will continue excavating and stockpiling C&D debris for disposal.
- Entact will continue excavating soil for off-site transport and disposal.
- Entact/AST will only continue BOS 200 in-situ stabilization mixing within remaining excavations upon review and approval of submitted excavation completion documentation by NYSDEC & USEPA.
- Entact will only install demarcation barrier and backfill with approved import material upon review and approval of submitted excavation completion documentation by NYSDEC & USEPA.

Site Staff		
Company	Individual	Title
Haley & Aldrich	Kassidy O'Connor	Field Staff
Haley & Aldrich	Charlotte Lorthioir	Field Staff
Entact	Austin Farmerie	Field Engineer
Entact	Wyatt Seel	Field Engineer
Entact	Dalton Hillman	Field Engineer
Entact	Brent Hayes	Field Project Manager
EA Engineering	Thomas Irvine	Site Inspector
EA Engineering	Joe Kowalski	Site Inspector

Site Equipment		
Name	Contractor	Quantity
Komatsu WA 380	Entact	1
Caterpillar 289D Skid Steer	Entact	1
Chicago Pneumatic Generator (CPG)	Entact	1
Caterpillar 336E Excavator	Entact	2
Pavement Saw	Entact	1
Light Tower	Entact	1
Godwin Pumps	Entact	2
Water Truck	Entact	1
Long Stick Caterpillar Excavator 336E	Entact	1
Hydro Vac Truck	Entact	1
Caterpillar Dozer D6	Entact	1
Caterpillar Rock Truck 740	Entact	1
Caterpillar Excavator 314	Entact	1
United Rental Frac Tank	United Rental	1
Rusmar Foam Machine	Entact	1
Caterpillar Compactor 950	Entact	1

**Site Photographs:**

Photo 1: View of truck loadouts at Excavation 11, IRM 1 Central Area, facing south.



Photo 2: View of truck wash station, IRM 1 Central Area, facing west.

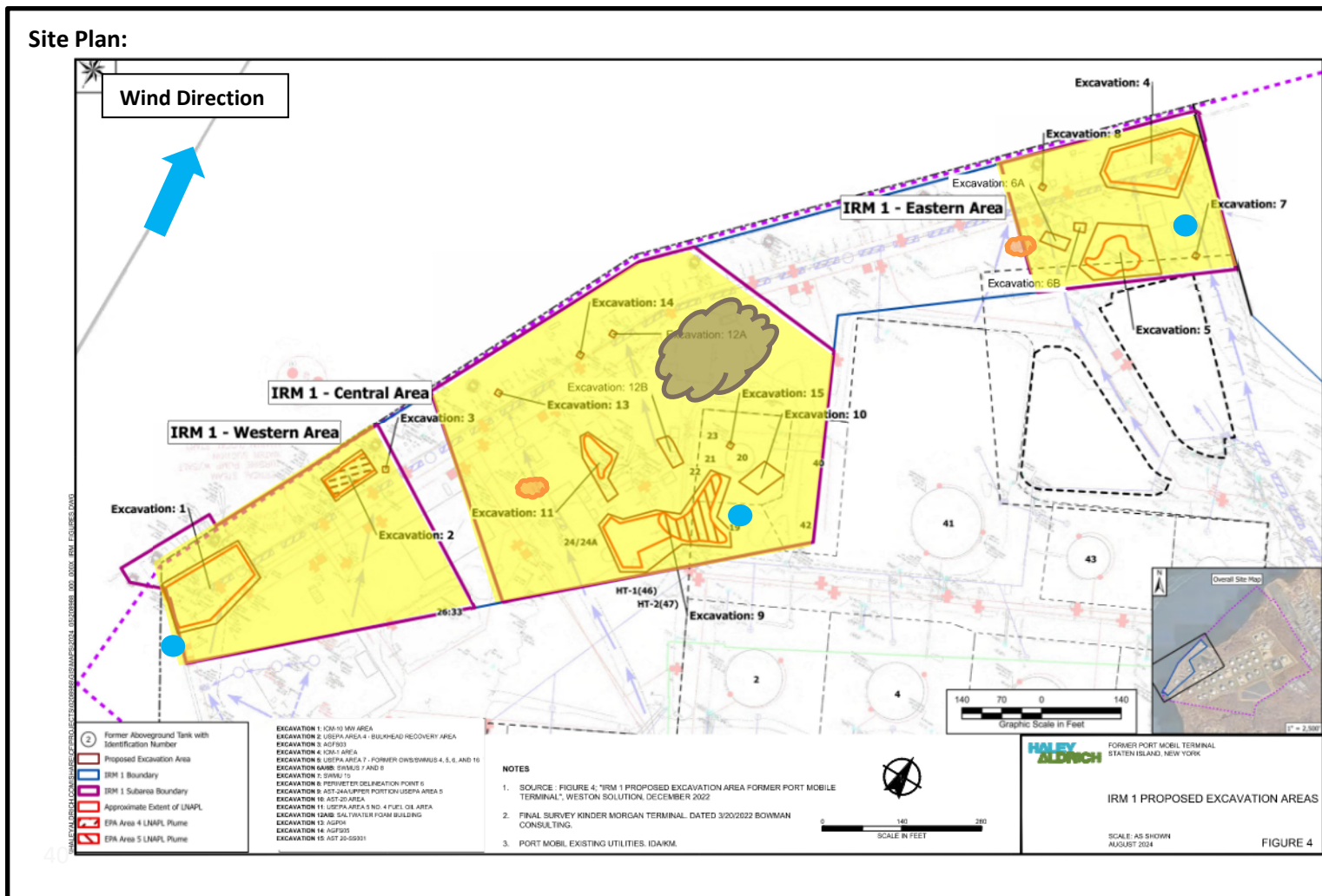
**Site Photographs:**

*Photo 3: View of continued expansion of Excavation 11, IRM 1 Central Area, facing north.*



*Photo 4: Endpoint sampling in Excavation 11, IRM 1 Central Area, facing southwest.*





Reference: Interim Remedial Measures 1 Work Plan Figure 7B IRM-1 Central Area Proposed Excavation Area, prepared by Haley & Aldrich of New York, dated May 2024

### LEGEND:

Work Area ● CAMP Station ☁ Stockpile Location (Soil/Fill) ☁ Stockpile Location (C&D)

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

### Air Monitoring Log

Date : 2025-02-06

Personnel : K. O'Connor, C. Lothioir  
Weather : Partly Sunny, 33-39°F  
Humidity : 93%  
Wind Direction : SE to NW, 10 mph

Particulate Background (ug/m3) : 3.148  
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
07:00	1.810	1.802	3.148	0.0	0.0	0.0		
07:15	0.725	0.863	1.937	0.0	0.0	0.0		
07:30	0.412	0.749	1.513	0.0	0.0	0.0		
07:45	0.437	0.671	1.442	0.0	0.0	0.0		
08:00	0.528	0.810	1.615	0.0	0.0	0.0		
08:15	0.655	0.786	1.664	0.0	0.0	0.0		
08:30	0.737	0.926	1.797	0.0	0.0	0.0		
08:45	0.610	1.297	1.639	0.0	0.0	0.0		
09:00	0.463	1.144	1.423	0.0	0.0	0.0		
09:15	0.324	0.592	1.248	0.0	0.0	0.0		
09:30	0.295	1.481	1.505	0.0	0.0	0.0		
09:45	0.196	0.899	1.389	0.0	0.0	0.0		
10:00	0.188	0.889	1.494	0.0	0.0	0.0		
10:15	0.367	0.945	1.810	0.0	0.0	0.0		
10:30	0.030	0.494	1.305	0.0	0.0	0.0		
10:45	0.109	0.459	1.002	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	0.272	0.386	1.442	0.0	0.0	0.0		
11:15	0.559	0.567	1.697	0.0	0.0	0.0		
11:30	0.540	0.947	1.717	0.0	0.0	0.0		
11:45	0.593	0.931	1.804	0.0	0.0	0.0		
12:00	0.707	0.551	2.160	0.0	0.0	0.0		
12:15	0.853	0.783	2.025	0.0	0.0	0.0		
12:30	0.565	0.689	1.801	0.0	0.0	0.0		
12:45	0.694	0.576	1.854	0.0	0.0	0.0		
13:00	0.651	1.068	1.955	0.0	0.0	0.0		
13:15	0.570	0.782	1.787	0.0	0.0	0.0		
13:30	0.779	0.574	1.837	0.0	0.0	0.0		
13:45	0.950	0.751	1.965	0.0	0.0	0.0		
14:00	1.379	1.449	2.613	0.0	0.0	0.0		
14:15	1.755	1.150	2.721	0.0	0.0	0.0		
14:30	1.066	0.797	2.165	0.0	0.0	0.0		
14:45	1.565	1.458	2.703	0.0	0.0	0.0		
15:00	3.344	2.379	3.547	0.0	0.0	0.0		
15:15	4.245	3.922	5.369	0.0	0.0	0.0		
15:30	5.474	4.943	6.700	0.0	0.0	0.0		
15:45	4.507	3.523	5.547	0.0	0.0	0.0		
16:00	3.463	2.781	4.395	0.0	0.0	0.0		
16:15	3.111	3.019	4.587	0.0	0.0	0.0		

Daily PID Monitoring Log					
Project: Former Port Mobil Site (BCP No. 243016)			Client: North Point		Date 2/6/2025
Weather Conditions: 33-39°F, Wintry Mix AM, Overcast PM    Wind: SE to NW, up to 10 mph				Project	208988
Name:	K. O'Connor, C. Lorthioir		General Activites: Excavations 1A, 1B, 1C, 7 and 9 - Backfilling, Excavation 11 Loadouts and Extension		
Time	Location	PID Reading (ppm*)	Observations/Notes		
7:15	Excavation 11 background	0.2	South side of excavation		
7:45	Excavation 11 background	0.1	West side of excavation		
8:15	Excavation 11 background	0	East side of excavation		
9:00	Excavation 11 background	0.4	South side of excavation		
10:30	Excavation 11 background	3.2	North side of excavation		
11:00	Excavation 11 background	4.3	East side of excavation		
12:45	Excavation 11 background	2.1	South side of excavation		
15:15	Excavation 11 background	1.1	North side of excavation		
15:45	Excavation 11 background	3.8	West side of excavation		
Notes: ppm* - parts per million					