

<b>Project</b>	Former Port Mobil Terminal – IRM #1	<b>Report No.</b>	84
<b>NYSDEC Site</b>	#243016	<b>Date</b>	1/31/2025
<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>	38-45°F
<b>Contractor</b>	Entact, Haley & Aldrich, NV5	<b>Wind Direction</b>	SW to NE up to 9 mph
<b>Weather</b>	Overcast	<b>Personnel on Site</b>	S. Sotomayor, K. O'Connor
<b>Humidity</b>	82%	<b>Time on Site</b>	6:30 am to 4:30 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 approved backfill in Excavations 1A, 1B, 1C, 5A, 7, 9, and 10. Backfill was placed on top of demarcation layer.
- Entact placed top demarcation layer on Excavation 9 and 10 and began application of top stone layer.
- NV5 performed continued compaction testing on backfill within Excavations 1A, 1B, 1C, and 7.
- Haley & Aldrich performed additional confirmation sampling within Excavation 14 to address sidewalls concentrations of PFAS exceeding PGWSCOs.

### 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	
<i>Today:</i>	Loads 0	Tons 0	Loads 0	Tons 0	Loads 0	Tons 0	Loads 0	Tons 0
<i>Total:</i>	<u>688</u>	<u>13,760</u>	<u>18</u>	<u>360</u>	<u>0</u>	<u>0</u>	<u>706</u>	<u>14,120</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>26</u>	<u>150,886</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>26</u>	<u>150,886</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	
Today:	Loads	CY	Loads	CY	Barges	Tons
	0	0	0	0	0	0
<u>Total:</u>	<u>170</u>	<u>4,015.79</u>	<u>170</u>	<u>4,015.79</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:

- EX14-SW1-1\_1.5-2.5, EX14-SW2-1\_1.5-2.5, EX14-SW3-1\_1.5-2.5, EX14-SW4-1\_1.5-2.5

## 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 4:00 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	Sebastian Sotomayor	Field Manager
Haley & Aldrich	Kassidy O'Connor	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 Exc. 9, Placement of top stone layer, IRM 1 Central Area, facing south.



Photo 2: View of Exc. 14 sample collection, IRM 1 Central Area, facing south.

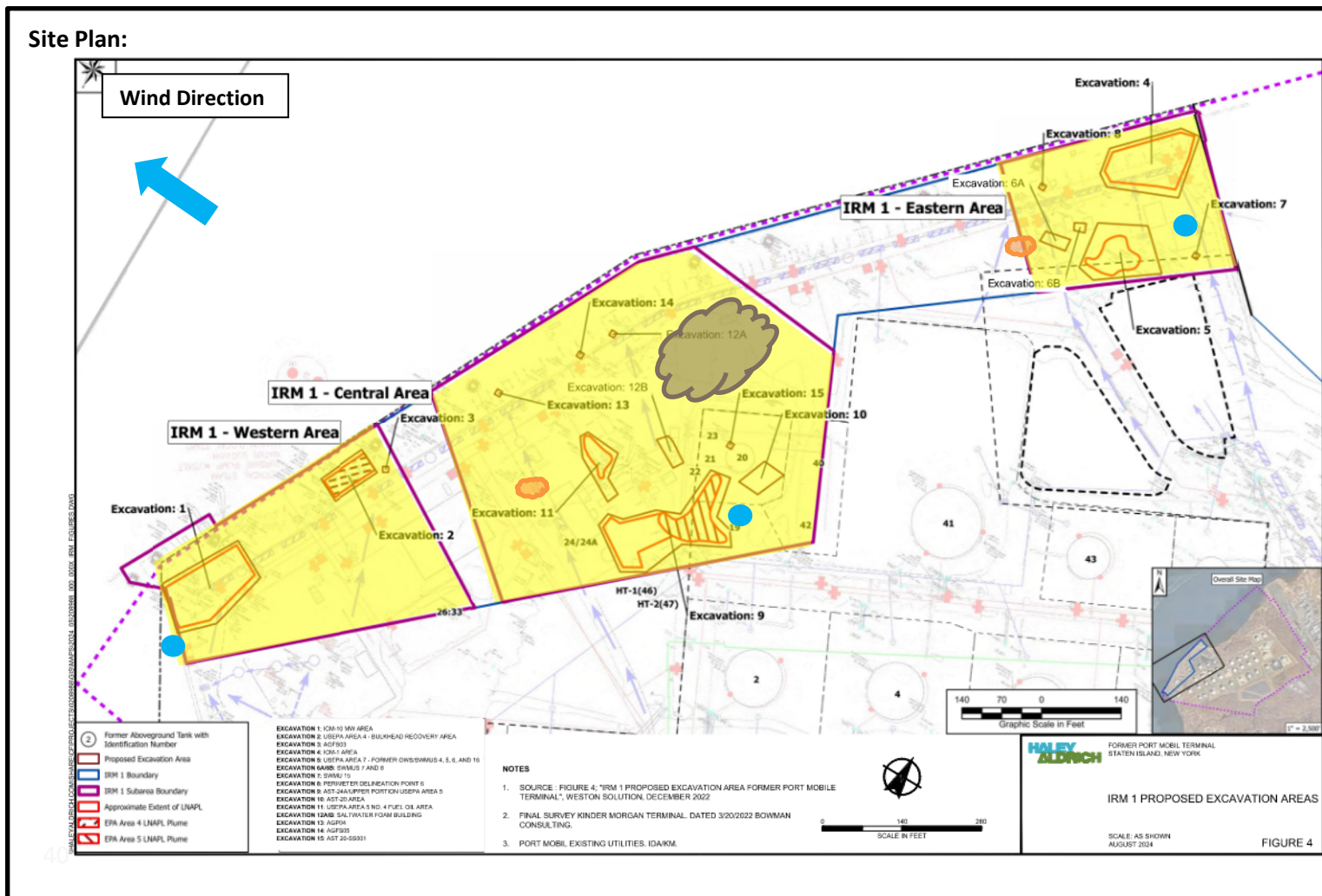


**Site Photographs.**

*Photo 3: View of Exc 7, placement of geotextile layer, IRM 1 Eastern Area, facing north.*



*Photo 4: View of Exc. 1A demarcation layer and backfilling activities, IRM 1 Western Area, facing north.*



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 : 2025-01-31

Personnel : S. Sotomayor, K. O'Connor

Weather : Overcast, 38-45°F

Humidity : 82%

Wind Direction : SW to NE, 9 mph

Particulate Background (ug/m3) : 12.52

PID Background (ppm) :

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		12.520			0.0			
07:15	8.081	7.008	10.870	0.0	0.0	0.1		
07:30	5.691	6.927	8.493	0.1	0.1	0.2		
07:45	4.551	5.831	6.982	0.0	0.0	0.1		
08:00	4.452	5.956	6.986	0.0	0.0	0.1		
08:15	5.014	5.949	6.996	0.0	0.0	0.1		
08:30	7.757	8.115	10.029	0.1	0.0	0.1		
08:45	7.097	9.763	10.147	0.0	0.0	0.1		
09:00	6.956	8.001	9.073	0.0	0.0	0.1		
09:15	5.901	6.996	8.048	0.0	0.0	0.1		
09:30	6.288	6.750	7.405	0.0	0.0	0.1		
09:45	5.190	6.075	7.193	0.0	0.0	0.0		
10:00	3.890	5.475	5.949	0.0	0.0	0.0		
10:15	4.132	5.230	6.072	0.0	0.0	0.0		
10:30	4.604	6.019	6.730	0.0	0.0	0.0		
10:45	4.057	5.195	6.043	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	3.943	5.069	6.137	0.0	0.0	0.0		
11:15	5.316	5.946	6.813	0.0	0.0	0.0		
11:30	6.002	5.826	6.992	0.0	0.0	0.0		
11:45	6.615	6.620	7.696	0.0	0.0	0.0		
12:00	9.369	8.743	10.714	0.0	0.0	0.0		
12:15	9.276	8.694	10.401	0.0	0.0	0.0		
12:30	9.004	9.039	10.468	0.0	0.0	0.0		
12:45	9.495	10.388	11.066	0.0	0.0	0.0		
13:00	9.861	9.707	12.764	0.0	0.0	0.0		
13:15	9.994	9.879	12.054	0.0	0.0	0.0		
13:30	10.120	9.945	11.404	0.0	0.0	0.0		
13:45	10.092	10.003	11.615	0.0	0.0	0.0		
14:00	9.933	9.583	11.071	0.0	0.0	0.0		
14:15	9.451	9.464	10.694	0.0	0.0	0.0		
14:30	9.257	9.777	10.575	0.0	0.0	0.0		
14:45	9.686	9.612	10.945	0.0	0.0	0.0		
15:00	10.712	9.890	11.076	0.0	0.0	0.0		
15:15	10.431	9.819	11.324	0.0	0.0	0.0		
15:30	9.051	10.305	11.026	0.0	0.0	0.0		
15:45	9.110	9.596	10.473	0.0	0.0	0.0		
16:00	9.325		10.570	0.0		0.0		

Daily PID Monitoring Log					
Project: Former Port Mobil Site (BCP No. 243016)			Client: North Point		Date 1/31/2025
Weather Conditions: 38-45°F, Overcast    Wind: SW to NE, up to 9 mph				Project	208988
Name:	S. Sotomayor, K. O'Connor		General Activites: Excavations 1A, 1B, 1C, 7 and 9 - Backfilling		
Time	Location	PID Reading (ppm*)	Observations/Notes		
7:30	Excavation 7 background	0	South side of excavation		
8:00	Excavation 7 background	0	East side of excavation		
9:00	Excavation 1B background	0	East side of excavation		
10:15	Excavation 1B background	0	North side of excavation		
11:30	Excavation 1A background	0	East side of excavation		
13:15	Excavation 7 background	0	North side of excavation		
14:00	Excavation 7 background	0	West side of excavation		
15:15	Excavation 7 background	0	South side of excavation		
15:45	Excavation 1A background	0	North side of excavation		
Notes: ppm* - parts per million					