

<b>Project</b>	Former Port Mobil Terminal – IRM #1	<b>Report No.</b>	82
<b>NYSDEC Site</b>	#243016	<b>Date</b>	1/29/2025
<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>	36-53°F
<b>Contractor</b>	Entact, Haley & Aldrich, NV5	<b>Wind Direction</b>	W to E up to 28 mph
<b>Weather</b>	Partly Sunny	<b>Personnel on Site</b>	S. Sotomayor, K. O'Connor
<b>Humidity</b>	34%	<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 continued placement of approved backfill in Excavations 1B, 5A, 9, and 10. Backfill was placed on top of demarcation layer.
- NV5 performed continued compaction testing on backfill within Excavation 1B.
- Haley & Aldrich collected three contingency samples within Excavation 12B due to an exceedance of PGWSCO for PFAS in a bottom endpoint location and three contingency samples within Excavation 4 (4A, 4F and 4K) to address metal and SVOC exceedances of IUSCOs within the bottom endpoint locations of the noted sub-excavations.
- Five truck loads (29,617 gallons) of oily water from IRM 1 were containerized and transported to Clean Water of New York, in Staten Island, NY 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	
	Loads	Tons	Loads	Tons	Loads	Tons	Loads	Tons
<i>Today:</i>	0	0	0	0	0	0	0	0
<b>Total:</b>	<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 5	Gallons 29,617	Trucks 0	Gallons 0	Trucks 0	Gallons 0	Trucks 5	Gallons 29,617
Total:	<u>19</u>	<u>109,055</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>19</u>	<u>109,055</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 0	CY 0	Loads 0	CY 0	Barges 0	Tons 0
Total:	<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:

- EX12B-EP1\_4.5-5, EX12B-EP1\_5-5.5, EX12B-EP1\_5.5-6, EX4A-EP1\_6-7, EX4F-EP1\_6-7, EX4K-EP2\_6-7

### 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 4:15 PM.
- From 3:00-3:15pm, elevated particulate readings were observed at Station 2, up to concentrations of 230.8 ug/cm<sup>3</sup>, due to high winds and compacting activities near the station.
- No other 15-minute average concentrations of VOCs or particulate matter smaller than 10 microns in diameter (PM10) exceeded the action levels. Wind gusts were observed up to 28 mph during the afternoon hours.
- 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 start placement of demarcation barrier and backfill within Excavation 7 per NYSDEC and USEPA's approval of the backfill submission.
- 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.

<b>Site Staff</b>		
<b>Company</b>	<b>Individual</b>	<b>Title</b>
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
<b>Site Equipment</b>		
<b>Name</b>	<b>Contractor</b>	<b>Quantity</b>
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 compaction activities, IRM 1 Central Area, facing south.*



Photo 2: *View of sampling activities at Excavation 12B, IRM 1 Central Area, facing northeast.*



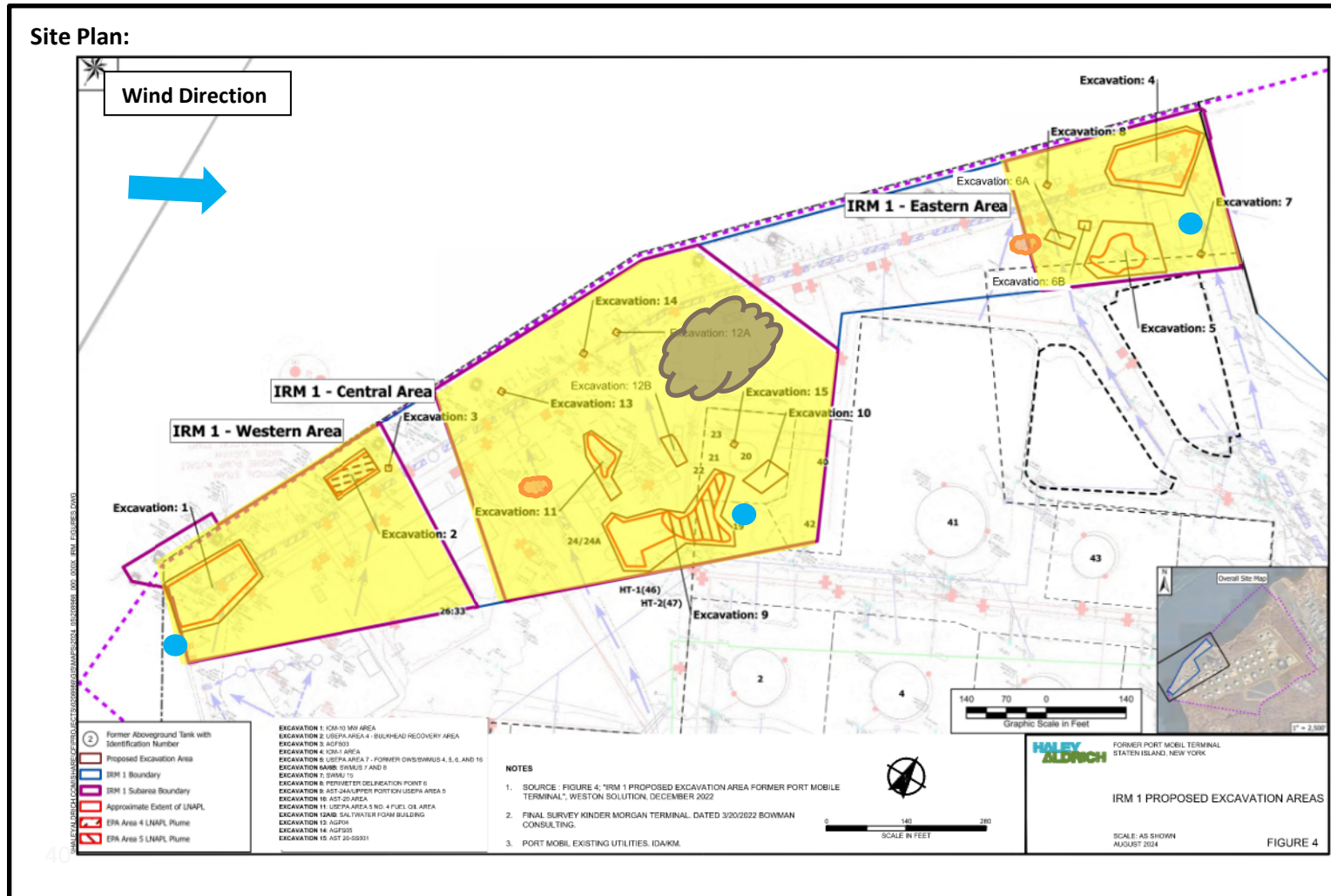
**Site Photographs:**



Photo 3: View of water filling activities, IRM 1 Eastern Area, facing south.



Photo 4: View of Exc. 1B backfill and compaction activities, IRM 1 Western Area, facing west.



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 : 2025-01-29

Personnel : S. Sotomayor, K. O'Connor

Weather : Partly Sunny, 36-53°F

Humidity : 34%

Wind Direction : W to E, 28 mph

Particulate Background (ug/m3) : 7.484

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	5.005	5.525	7.484	0.0	0.0	0.0		
07:15	5.410	4.911	6.461	0.0	0.0	0.0		
07:30	4.561	4.417	5.544	0.0	0.0	0.0		
07:45	4.091	5.466	4.692	0.0	0.0	0.0		
08:00	3.717	3.321	4.310	0.0	0.0	0.0		
08:15	6.398	3.211	4.340	0.0	0.0	0.0		
08:30	4.080	3.359	4.270	0.0	0.0	0.0		
08:45	4.204	3.593	4.671	0.0	0.0	0.0		
09:00	4.455	3.960	6.154	0.0	0.0	0.0		
09:15	4.357	3.891	5.340	0.0	0.0	0.0		
09:30	4.320	4.178	5.870	0.0	0.0	0.0		
09:45	4.143	4.384	5.461	0.0	0.0	0.0		
10:00	4.330	5.812	5.769	0.0	0.0	0.0		
10:15	5.214	27.313	6.297	0.0	0.0	0.0		
10:30	8.292	7.186	6.528	0.0	0.0	0.0		
10:45	9.310	8.686	6.079	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	7.138	9.676	13.065	0.0	0.0	0.0		
11:15	8.122	7.763	9.607	0.0	0.0	0.0		
11:30	5.048	6.280	5.189	0.0	0.0	0.0		
11:45	30.202	6.199	21.786	0.0	0.0	0.0		
12:00	14.041	6.096	19.801	0.0	0.0	0.0		
12:15	9.301	6.573	22.041	0.0	0.0	0.0		
12:30	8.820	6.045	13.040	0.0	0.0	0.0		
12:45	7.505	67.231	26.566	0.0	0.0	0.0		
13:00	4.346	86.175	14.183	0.0	0.0	0.0		
13:15	10.867	145.433	24.106	0.0	0.0	0.0		
13:30	8.111	60.983	22.518	0.0	0.0	0.0		
13:45	6.593	53.465	14.718	0.0	0.0	0.0		
14:00	5.853	44.903	11.180	0.0	0.0	0.0		
14:15	8.325	61.150	14.628	0.0	0.0	0.0		
14:30	6.228	115.233	14.519	0.0	0.0	0.0		
14:45	4.916	86.567	15.333	0.0	0.0	0.0		
15:00	5.760	183.114	13.324	0.0	0.0	0.0		
15:15	4.638	230.805	8.376	0.0	0.0	0.0		
15:30	3.294	56.235	7.211	0.0	0.0	0.0		
15:45	2.563	28.267	2.671	0.0	0.0	0.0		
16:00	2.020	22.598	2.546	0.0	0.0	0.0		

