

Project	Former Port Mobil Terminal – IRM #1	Report No.	91
NYSDEC Site	#243016	Date	2/11/2025
Location	4101 Arthur Kill Road Staten Island, NY	File No.	0208988
Client	NP Staten Island Industrial, LLC	Temperature	26-36°F
Contractor	Entact, Haley & Aldrich	Wind Direction	NW to SE up to 7 mph
Weather	Mostly Cloudy	Personnel on Site	K. O'Connor
Humidity	42%	Time on Site	6:45 am to 4:15 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.
- Compaction of top layer of fill in Excavation 5.
- Entact expanded Excavation 4A and 4F due to concentrations above IUSCOs.

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 0	Tons 0	Loads 0	Tons 0	Loads 0	Tons 0	Loads 0	Tons 0
Total:	750	15,000	18	360	0	0	768	15,360

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 0	Gallons 0	Trucks 0	Gallons 0	Trucks 0	Gallons 0	Trucks 0	Gallons 0
Total:	50	301,401	0	0	0	0	50	301,401

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>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:

- None

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.
- 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
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 expansion of Excavation 4, IRM 1 Eastern Area, facing west.



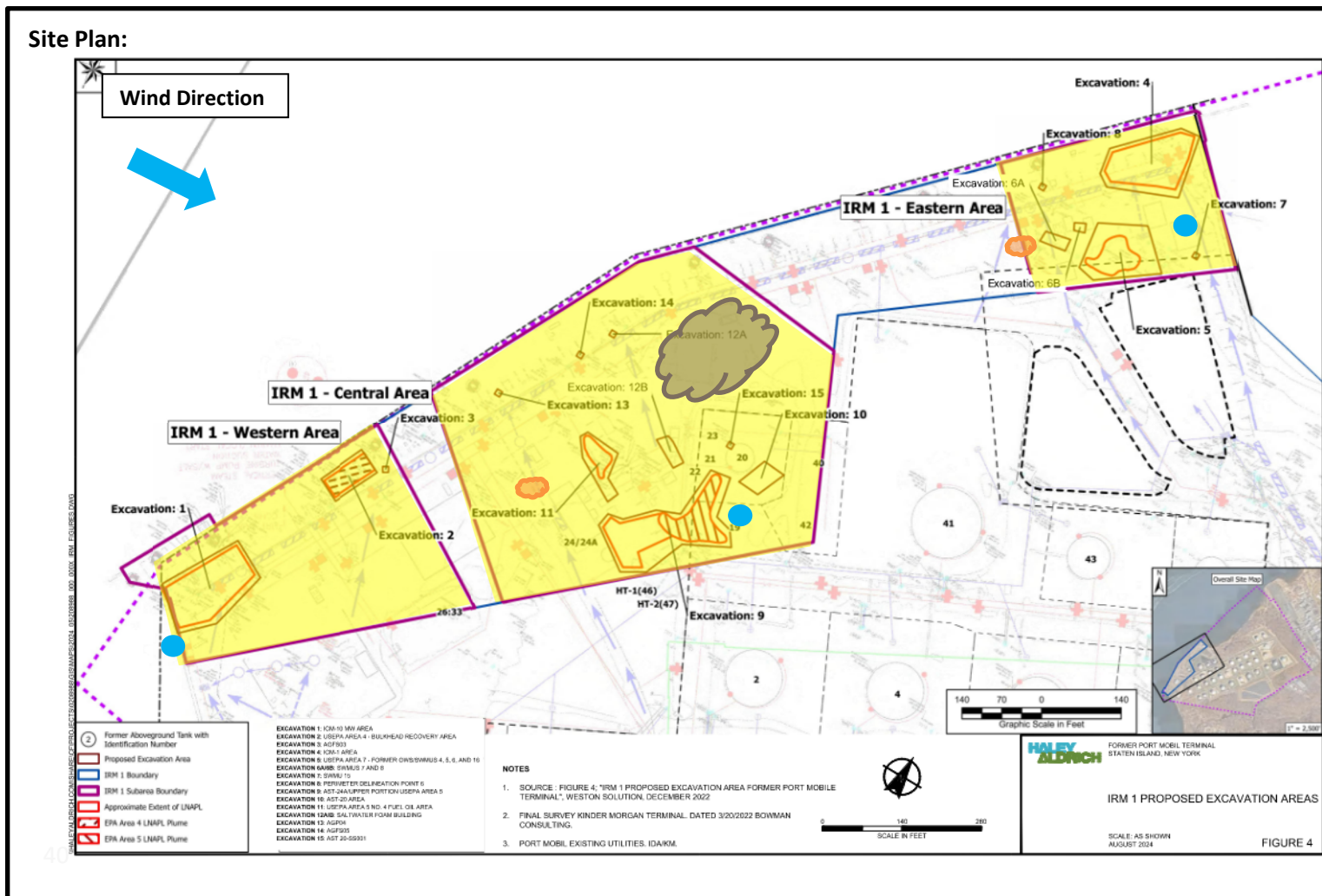
Photo 2: View of expansion of Excavation 4, IRM 1 Eastern Area, northwest west.



Photo 3: View of compaction at Excavation 5, IRM 1 Eastern Area, facing northeast.



Photo 4: Cleaning of stockpile, IRM 1 Eastern Area, facing east.



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 : 2025-02-11

Personnel : K. OConnor
Weather : Partly Sunny, 26-36°F
Humidity : 42%
Wind Direction : NW to SE up to 7mph

Particulate Background (ug/m3) : 6.195
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	4.535	4.644	6.195	0.0	0.0	0.0		
07:15	2.801	4.350	5.615	0.0	0.0	0.0		
07:30	2.603	4.281	5.385	0.0	0.0	0.0		
07:45	2.655	4.681	5.188	0.0	0.0	0.0		
08:00	2.683	4.339	5.597	0.0	0.0	0.0		
08:15	2.729	4.625	5.315	0.0	0.0	0.0		
08:30	3.710	4.762	5.809	0.0	0.0	0.0		
08:45	4.371	5.295	6.467	0.0	0.0	0.0		
09:00	4.387	6.013	7.237	0.0	0.0	0.0		
09:15	4.629	5.921	8.005	0.0	0.0	0.0		
09:30	5.253	6.587	8.640	0.0	0.0	0.0		
09:45	4.625	6.165	7.478	0.0	0.0	0.0		
10:00	4.002	5.109	6.323	0.0	0.0	0.0		
10:15	2.666	2.905	4.464	0.0	0.0	0.0		
10:30	1.422	2.132	3.469	0.0	0.0	0.0		
10:45	1.051	2.037	3.142	0.0	0.0	0.0		

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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	1.608	2.515	3.615	0.0	0.0	0.0		
11:15	2.408	2.718	3.803	0.0	0.0	0.0		
11:30	2.151	2.374	3.523	0.0	0.0	0.0		
11:45	2.178	2.550	3.656	0.0	0.0	0.0		
12:00	2.176	2.487	3.540	0.0	0.0	0.0		
12:15	2.159	2.421	3.421	0.0	0.0	0.0		
12:30	2.250	2.327	3.325	0.0	0.0	0.0		
12:45	2.189	2.241	3.511	0.0	0.0	0.0		
13:00	2.261	2.247	3.285	0.0	0.0	0.0		
13:15	2.104	2.311	3.353	0.0	0.0	0.0		
13:30	2.253	2.302	3.391	0.0	0.0	0.0		
13:45	2.611	2.348	3.389	0.0	0.0	0.0		
14:00	2.653	2.491	3.451	0.0	0.0	0.0		
14:15	2.269	2.504	3.550	0.0	0.0	0.0		
14:30	4.679	2.593	3.557	0.0	0.0	0.0		
14:45	2.309	2.833	3.591	0.0	0.0	0.0		
15:00	2.358	2.797	3.617	0.0	0.0	0.0		
15:15	2.371	2.741	3.773	0.0	0.0	0.0		
15:30	2.434	2.785	3.799	0.0	0.0	0.0		
15:45	2.499	2.865	3.897	0.0	0.0	0.0		
16:00	2.441	2.991	3.841	0.0	0.0	0.0		
16:15		2.850			0.0			

[illegible]