

Project	Former Port Mobil Terminal – IRM #1	Report No.	90
NYSDEC Site	#243016	Date	2/10/2025
Location	4101 Arthur Kill Road Staten Island, NY	File No.	0208988
Client	NP Staten Island Industrial, LLC	Temperature	31-38°F
Contractor	Entact, Haley & Aldrich	Wind Direction	NW to SE up to 16 mph
Weather	Mostly Cloudy	Personnel on Site	C. Lorthioir, O. Colon
Humidity	42%	Time on Site	6:45 am to 4:00 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 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 three (3) sidewall samples at Excavation 11 and one (1) contingency endpoint sample in Excavation 12B to address an exceedance for PFOA.
- Concrete C&D staged in the C&D stockpile during Excavation 11 expansion.

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
<u>Total:</u>	<u>750</u>	<u>15,000</u>	<u>18</u>	<u>360</u>	<u>0</u>	<u>0</u>	<u>768</u>	<u>15,360</u>

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 0	CY 0	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-SW4_3.5-4.5, EX11-SW5_3.5-4.5, and EX11-SW6_3.5-4.5
- EX12B-EP1_6-6.5

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.
- Station 3 experienced connectivity issues at the start of the workday and would not begin logging data consistently until 10:30 AM. Backup CAMP station was used from 7:00 AM to 10:15 AM to monitor background readings. Field log is attached to this report documenting data gaps filled by the backup equipment.
- 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	Omar Colon	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 northwest sidewall at Excavation 11, IRM 1 Central Area, facing north.*



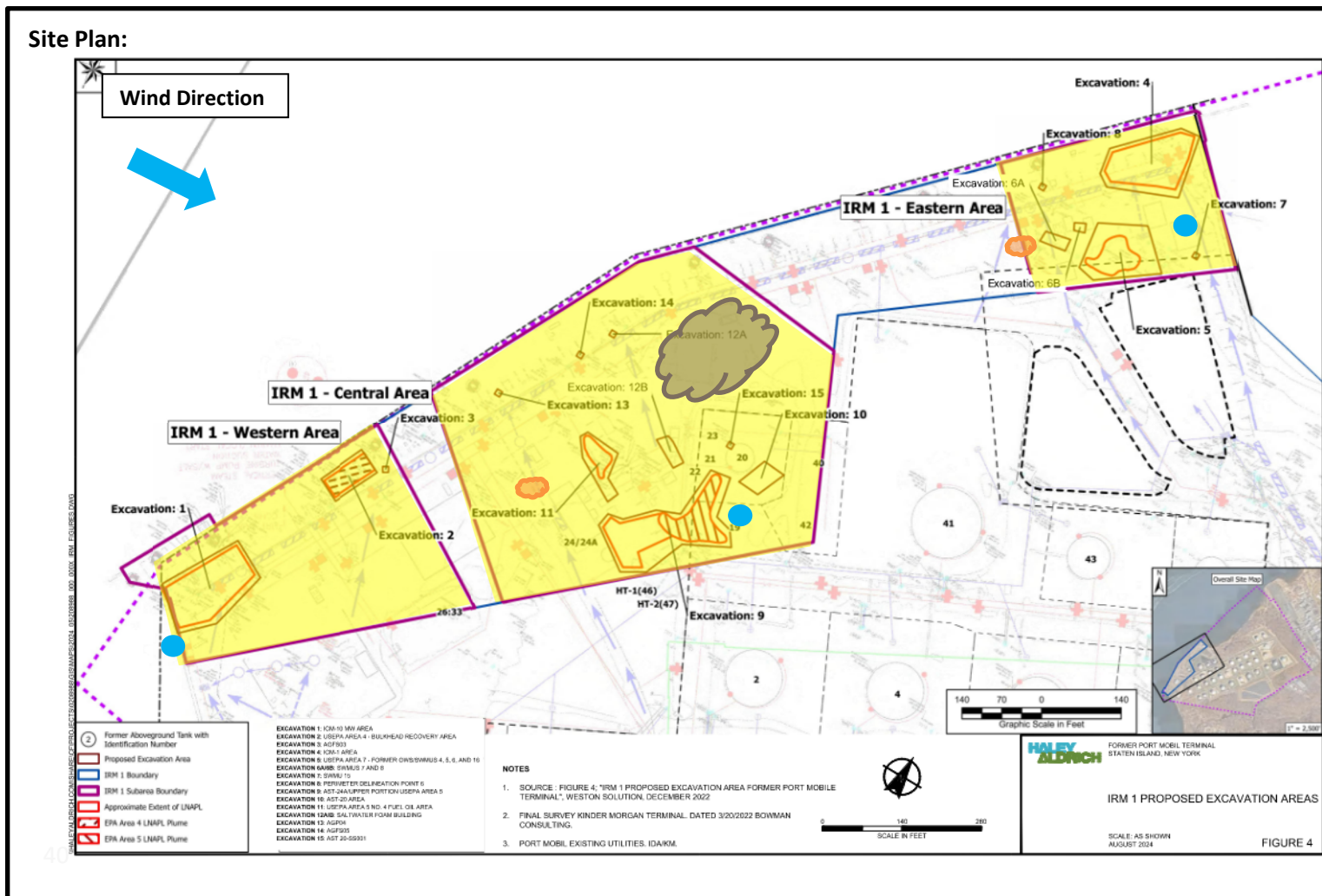
Photo 2: *View of contracting breaking up concrete for staging near Excavation 11, IRM 1 Central Area, facing north.*

Site Photographs:

Photo 3: View of documentation sampling and shaker testing at Excavation 11, IRM 1 Central Area, facing west.



Photo 4: View of C&D stockpiling, IRM 1 Western 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 : 2025-02-10

Personnel : O. Colon, C. Lothioir
Weather : Partly Sunny, 31-38°F
Humidity : 42%
Wind Direction : NW to SE up to 16mph

Particulate Background (ug/m3) : 3.987
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		3.987			0.0			
07:00	2.736	2.879		0.0	0.0			
07:15	2.357	2.849	3.800	0.0	0.0	0.0		
07:30	2.323	2.897	10.090	0.0	0.0	0.0		
07:45	2.254	2.767		0.0	0.0			
08:00	2.271	2.756		0.0	0.0			Data gaps filled by backup setup - see attached field log
08:15	2.359	2.849		0.0	0.0			
08:30	2.440	2.845		0.0	0.0			
08:45	2.408	3.107	3.850	0.0	0.0	0.0		
09:00	2.311	2.737	3.550	0.0	0.0	0.0		
09:15	2.085	2.424		0.0	0.0			
09:30	2.129	2.431		0.0	0.0			
09:45	1.611	1.921		0.0	0.0			
10:00	1.407	1.807	2.440	0.0	0.0	0.0		
10:15	1.455	1.704		0.0	0.0			
10:30	1.452	1.675	2.460	0.0	0.0	0.0		
10:45	1.305	1.627	2.309	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	1.792	1.889	2.718	0.0	0.0	0.0		
11:15	2.037	2.000	3.637	0.0	0.0	0.0		
11:30	2.227	2.407	3.624	0.0	0.0	0.0		
11:45	2.225	2.030	3.403	0.0	0.0	0.0		
12:00	1.986	2.044	3.407	0.0	0.0	0.0		
12:15	2.003	2.050	3.349	0.0	0.0	0.0		
12:30	2.017	2.513	3.639	0.0	0.0	0.0		
12:45	1.923	2.115	3.428	0.0	0.0	0.0		
13:00	1.763	1.689	2.985	0.0	0.0	0.0		
13:15	1.724	1.579	4.157	0.0	0.0	0.0		
13:30	1.757	1.674	3.143	0.0	0.0	0.0		
13:45	1.738	1.697	2.952	0.0	0.0	0.0		
14:00	1.837	1.809	3.101	0.0	0.0	0.0		
14:15	1.816	3.905	3.071	0.0	0.0	0.0		
14:30	1.799	1.732	3.164	0.0	0.0	0.0		
14:45	1.787	1.721	3.082	0.0	0.0	0.0		
15:00	1.706	1.633	2.987	0.0	0.0	0.0		
15:15	1.776	1.671	2.993	0.0	0.0	0.0		
15:30	1.675	1.505	2.790	0.0	0.0	0.0		
15:45	1.431	1.500	2.454	0.0	0.0	0.0		
16:00	1.356	1.344	2.401	0.0	0.0	0.0		

Air Monitoring Log

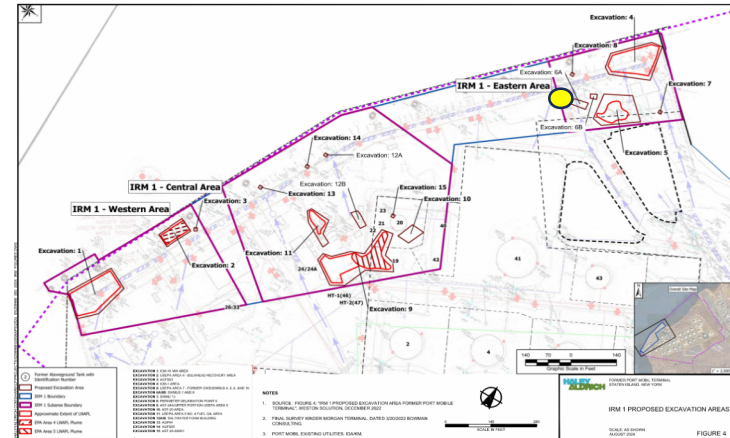
Date: 2/10/2025
 Personnel: O. Colon, C. Lothioir
 Weather: Partly Sunny, 31-38
 Humidity: 42%
 Wind Direction: NW-SE, up to 16 mph

Site Map:



WIND

Particulate Background (mcg/m3): 3.987
 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 10:30. Particulate readings are on average as per data transmissions.
645						
700						
715						
730						
745		3.781		0		
800		4.528		0		
815		3.987		0		
830		4.012		0		
845						
900						
915		3.664		0		
930		3.892		0		
945		3.278		0		
1000						
1015		2.589		0		
1030						
1045						

Daily PID Monitoring Log					
Project: Former Port Mobil Site (BCP No. 243016)			Client: North Point		Date 2/10/2025
Weather Conditions: 31-38°F, Partly Sunny Wind: NW-SE, up to 16 mph				Project	208988
Name:	C. Lorthioir, O. Colon		General Activites: Excavations 3 - Backfilling, Excavation 11 Loadouts and Extension		
Time	Location	PID Reading (ppm*)	Observations/Notes		
8:00	Excavation 11 background	0.0	North side of excavation		
9:00	Excavation 11 background	0.0	South side of excavation		
9:30	Excavation 11 background	0.0	South and north side of excavation		
10:30	Excavation 11 background	0.0	South side of excavation		
11:30	Excavation 11 background	0.0	North side of excavation		
13:30	Excavation 11 background	0.0	North side of excavation		
14:30	Excavation 11 background	0.0	North side of excavation		
15:30	Excavation 11 background	0.0	North side of excavation		
16:00	Excavation 11 background	0.0	North side of excavation		
Notes: ppm* - parts per million					