

Project	Former Port Mobil Terminal – IRM #1	Report No.	27
NYSDEC Site	#243016	Date	10/29/2024
Location	4101 Arthur Kill Road Staten Island, NY	File No.	0208988
Client	NP Staten Island Industrial, LLC	Temperature	53-64°F
Contractor	Entact, Haley & Aldrich	Wind Direction	SE to NW up to 12 mph
Weather	Sunny	Personnel on Site	S. Sotomayor, K. O'Connor
Humidity	71%	Time on Site	6:45 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 loaded tri-axle trucks with soil from Excavations 1 and 9 for off-Site transport and waste disposal.
- Entact continued excavation and stockpiling of soil in Excavations 1 and 9, stockpiled soil staged on tarp pad and covered at the end of the workday.
- Entact extended the Excavation 5 limits along western boundary by 5 ft to facilitate LNAPL recovery within the excavation. LNAPL observed in western and northwestern corner.
- Entact used absorbent socks to collect LNAPL in Excavation 5 and used Hydo-vac truck to extract LNAPL from the excavation.
- Background PID Reading for Excavation 5: 0.0 ppm
- Stockpile PID Reading for Excavation 5: 67.3 ppm
- Background PID Reading for Excavation 9: 0.0 ppm
- Stockpile PID Reading for Excavation 9: 81.9 ppm

Waste Disposal/Backfill Import Tracking:

Material Export:

- Soil/Fill disposal is summarized below:

Facility	Pure Soil Technologies Jackson, NJ						Total	
Today:	Loads	Tons	Loads	Tons	Loads	Tons	Loads	Tons
	20	400	0	0	0	0	20	400
<u>Total:</u>	<u>127</u>	<u>2,540</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>127</u>	<u>2,540</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	
Today:	Loads 0	CY 0	Loads 0	CY 0
Total:	54	1,334.48	54	1,334.48

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.

Activities Planned for Coming Week:

- Entact will begin support of excavation (SOE) installation.
- Entact will continue excavating and stockpiling C&D debris for disposal.
- Entact will continue excavating soil for off-site transport and disposal.

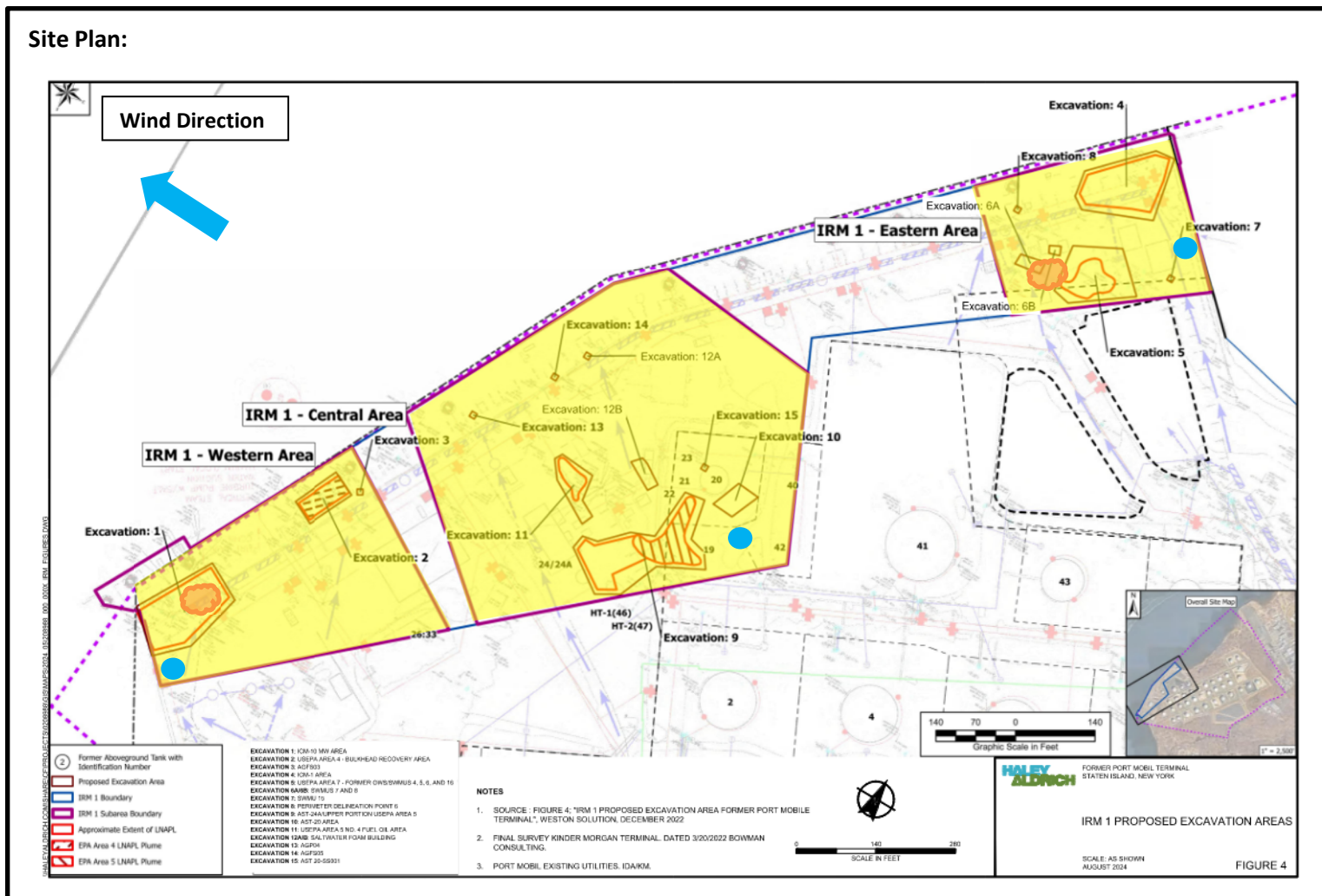
Site Staff		
Company	Individual	Title
Haley & Aldrich	Sebastian Sotomayor	Field Manager
Haley & Aldrich	Kassidy O'Connor	Field Staff
Entact	Wyatt Seel	Field Engineer
Entact	Austin Farmerie	Field Engineer
Entact	Brent Hayes	Field Project Manager
Entact	Tariq Smith	SSHO
Entact	Jeramy Leibrant	Operator
Entact	Ross Deambrogo	Field 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 excavation activities in Excavation 1, IRM 1 Western Area, facing southeast.



Photo 2: View of LNAPL collection using absorbent sock in Excavation 5, IRM 1 Eastern Area, facing northeast.



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 : 2024-10-29

Personnel : _____

Weather : _____

Humidity : _____

Wind Direction : _____

Particulate Background (ug/m3) : _____

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. PM10 (Station4)	Avg. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Avg. VOC(Station4)	Odors	Notes Activities/ Additional Monitoring
07:00	7.343	11.177	17.914		0.1	0.1	0.1			
07:15	9.354	9.301	17.273		0.1	0.1	0.1			
07:30	8.203	6.914	13.069		0.1	0.1	0.1			
07:45	6.171	10.431	10.909		0.1	0.1	0.1			
08:00	6.738	10.060	12.141		0.0	0.1	0.1			
08:15	6.915	7.897	8.721		0.0	0.0	0.1			
08:30	7.310	7.266	8.764		0.1	0.1	0.1			
08:45	7.579	7.702	9.031		0.0	0.1	0.1			
09:00	9.603	8.876	9.810		0.1	0.0	0.1			
09:15	11.187	11.645	11.450		0.3	0.1	0.2			
09:30	9.705	11.364	12.193		0.1	0.2	0.3			
09:45	10.274	10.561	11.769		0.1	0.1	0.1			
10:00	10.640	11.206	12.461		0.0	0.1	0.1			
10:15	9.883	10.342	11.809		0.1	0.1	0.2			
10:30	9.127	7.831	32.586		0.1	0.0	0.1			
10:45	7.503	7.259	13.259		0.0	0.0	0.1			

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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	4.594	5.633	16.275	0.0	0.0	0.0		
11:15	1.369	2.304	30.393	0.0	0.0	0.0		
11:30	1.490	1.467	9.939	0.0	0.0	0.0		
11:45	1.649	1.672	10.835	0.0	0.0	0.0		
12:00	1.721	1.610	3.220	0.0	0.0	0.0		
12:15	1.824	1.520	3.265	0.0	0.0	0.0		
12:30	2.013	1.704	3.357	0.0	0.0	0.0		
12:45	2.261	2.181	3.540	0.0	0.0	0.0		
13:00	2.243	2.167	3.557	0.0	0.0	0.0		
13:15	2.219	2.121	3.615	0.0	0.0	0.0		
13:30	2.335	2.177	4.101	0.0	0.0	0.0		
13:45	2.411	2.431	3.951	0.0	0.0	0.0		
14:00	2.382	2.381	3.841	0.0	0.0	0.0		
14:15	2.402	2.357	3.881	0.0	0.0	0.0		
14:30	2.455	2.472	4.579	0.0	0.0	0.0		
14:45	2.359	2.877	6.944	0.0	0.0	0.0		
15:00	2.437	2.941	4.157	0.0	0.0	0.0		
15:15	2.786	3.171	4.869	0.0	0.0	0.0		
15:30	2.901	3.417	5.595	0.0	0.0	0.0		
15:45	2.823	3.441	4.979	0.0	0.0	0.0		
16:00	2.747	3.372	4.039	0.0	0.0	0.0		
16:15	2.771	3.334	4.258	0.0	0.0	0.0		
16:30		3.593	9.330		0.0	0.0		