

DAILY FIELD REPORT

Project	Former Port Mobil Terminal	Report No.	7
NYSDEC Site	#243016	Date	8/26/2025
Location	4101 Arthur Kill Road, Staten Island, New York	File No.	0208988
Client	NP Staten Island Industrial, LLC	Temperature	63-80°F
Contractors	R. Baker & Son (Baker) Industrial Development Advantage (IDA), Entact, Lakewood Environmental Services (Lakewood), Haley & Aldrich	Wind	W to E up to 17 mph
Weather	Sunny	Personnel on Site	K. Oconnor, S. Sotomayor S. Greco
Humidity	35%	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 following work plans for the Former Port Mobil Terminal, located at 4101 Arthur Kill Road, Staten Island, NY:

- May 2021 Demolition Plan (Phase 1B-Tank Bottoms) prepared by Industrial Development Advantage Port Mobil, LLC and Weston Solutions of New York, Inc.
- May 2025 Pre-Design Investigation Work Plan (Permeable Reactive Barrier Wall Soil Borings Characterization) prepared by H&A of New York Engineering and Geology, LLP.
- June 2025 In-Situ Solidification Pilot Study Work Plan prepared by H&A of New York Engineering and Geology, LLP.
- July 2025 Soil Reuse Characterization Plan (Permeable Reactive Barrier Wall Soil Sampling) prepared by H&A of New York Engineering and Geology, LLP.

Site Observations are summarized below.

Daily Observations:

- Baker continued the demolition of AST-7, AST-8 and AST-10 steel tank bottoms using excavators with shear and grapple attachments. Steel C&D debris was folded and stockpiled adjacent to the tank bottoms area within the surrounding berm.
- Baker loaded steel C&D debris into (3) semi-trailers for off-site disposal at Klein Recycling.
- Entact mobilized equipment and material in preparation for the ISS pilot study.
- Entact began excavating the overburden soil in the ISS pilot study work area.
- Lakewood drilled soil borings for the PRB-PDI characterization and reuse sampling.
- Haley & Aldrich field personnel performed community air monitoring during the implementation of the tank bottoms demolition work activities.

C&D Debris Material Export:

Facility	Klein Recycling Hillsborough Township, NJ		Total	
<i>Today:</i>	Loads 3	Tons 120	Loads 3	Tons 120
<i>Total:</i>	<u>8</u>	<u>320</u>	<u>8</u>	<u>320</u>

Note: Tonnage is approximate, executed tonnages to be provided.

CAMP Activities:

- Background air monitoring was performed at five locations from 6:45 am to 3:30 pm.
 - Station #1 upwind of the tank bottoms demolition and ISS pilot study work area
 - Station #2 downwind of the tank bottoms demolition and ISS pilot study work area
 - Station #3 upwind of the tank bottoms demolition and ISS pilot study work area
 - Station #4 downwind of the PRB wall soil borings work area
 - Station #5 upwind of the PRB wall soil borings work area
- 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.

Sampled Collected:

- 4 Composite Samples (PRB-S1_0-10, PRB-S1_10-20, PRB-S1_20-25, PRB-S1_25-30)
- 12 Discrete Samples (PRB-A_24-25, PRB-A_28-29, PRB-A_12-13, PRB-A_3-4, PRB-B_13-14, PRB-C_14-15, PRB-C_6-7, PRB-C_22-23, PRB-C_27-28, PRB-B_20-21, PRB-D_19-20, PRB-D_8-9)
- 1 Geotech Sample (PRB-C_GEO_10-15)

Activities Planned for Coming Week:

- Baker will continue demolishing steel tank bottoms and stockpiling material.
- Entact will conduct soil and reagent mixing for the ISS Pilot Study.
- Lakewood will continue drilling soil borings for the PRB-PDI characterization and reuse sampling.

Site Photographs (Tank Bottoms Demolition):

Photo 1: View of steel tank bottoms demolition at AST-8, facing northwest.



Photo 2: View of steel C&D debris being loaded for off-site disposal, facing north.

Site Photographs (PRB Wall-PDI/Reuse Soil Borings):

Photo 1: View of Lakewood soil boring installation activities along PRB wall segment 1, facing north.



Photo 2: View of PRB-A soil boring core.

Site Photographs (ISS Pilot Study):

Photo 1: View of ISS overburden soil stockpile, facing west.



Photo 2: View of Entact equipment staging area for ISS pilot test, facing northeast.

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LEGEND

CONTAINMENT BERM

IRM 1 BOUNDARY

CAMP STATIONS

ACTIVE TANK DEMOLITION AREA

COMPLETED TANK DEMOLITION AREA

SURFACE IMPOUNDMENT

PROJECT SITE BOUNDARY

STOCKPILE LOCATION (C&D DEBRIS)

STOCKPILE LOCATION (VISUALLY CLEAN SOIL)

WIND DIRECTION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ALAMEDA COUNTY
3. AERIAL IMAGERY SOURCE; NEARMAP, 20 JUNE 2024.

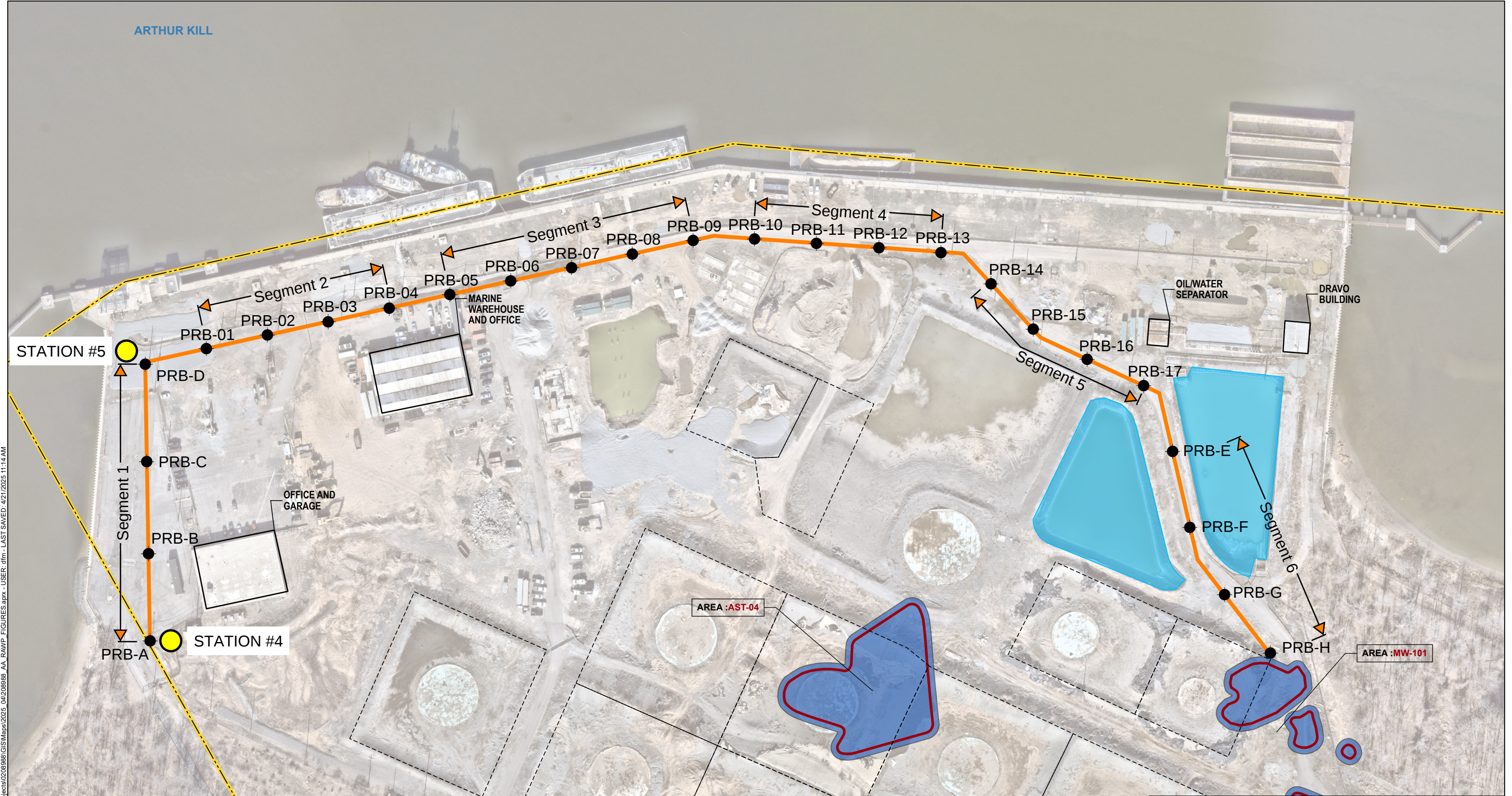
Haley Aldrich

FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

SITE PLAN

APRIL 2025

FIGURE 1



● BORING LOCATION / COMPOSITE POINT

----- CONTAINMENT BERM

— PERMEABLE REACTIVE BARRIER (PRB) WALL

□ APPROXIMATE EXTENT OF LNAPL

➔ WIND DIRECTION

□ STRUCTURES

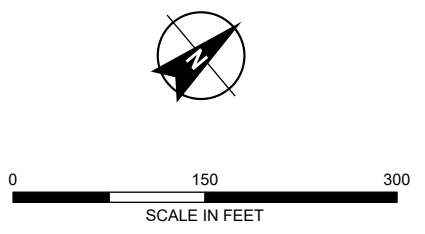
■ SURFACE IMPOUNDMENT

□ PROJECT SITE BOUNDARY

■ ISS AREA

● AIR MONITORING STATION

- NOTES**
- 1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
 - 2. PROTECTION OF GROUNDWATER EXCEEDANCES ARE SHOWN FOR THE VADOSE ZONE ONLY
 - 3. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025



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STATEN ISLAND, NEW YORK

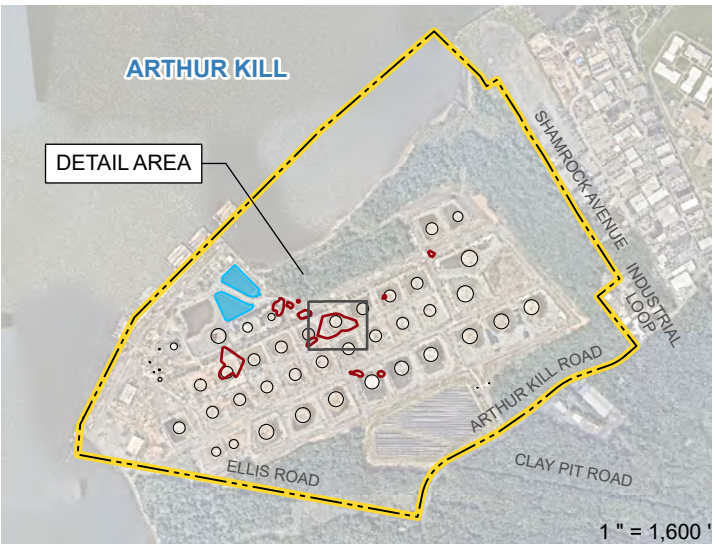
SITE PLAN - PRB WALL

APRIL 2025

FIGURE 2

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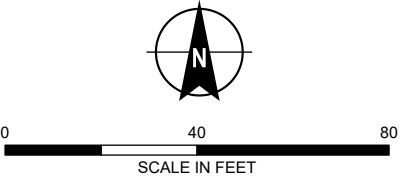


LEGEND

- APPROXIMATE EXTENT OF LNAPL
- PROPOSED ISS TREATMENT AREA (WITH TEST CELL ID) - 15X15 FEET

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ISS = IN-SITU SOLIDIFICATION
3. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 9, 2025



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FORMER PORT MOBIL TERMINAL
STATEN ISLAND, NEW YORK

SITE PLAN - ISS PILOT STUDY

MAY 2025

FIGURE 3

4101 Arthur Kill Rd, Staten Island, New York, 10309

Air Monitoring Log

Date : 2025-08-26

Personnel : K. OConnor, S. Sotomayor, S. Greco
Weather : Sunny, 63-80°F
Humidity : 35%
Wind Direction : W to E up to 17 mph

Particulate Background (ug/m3) : 2.740
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. PM10 (Station4)	Avg. PM10 (Station5)	Avg. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Avg. VOC (Station4)	Avg. VOC (Station5)	Odors	Notes Activities/ Additional Monitoring
06:45	2.740	3.310	2.178			0.0	0.0	0.0				
07:00	3.675	8.890	2.515			0.0	0.0	0.0				
07:15	2.785	6.627	3.005			0.0	0.0	0.0				
07:30	2.627	6.523	2.431			0.0	0.0	0.0				
07:45	1.499	4.725	1.551			0.0	0.0	0.0				
08:00	1.143	1.781	1.107			0.0	0.0	0.0				
08:15	1.020	1.819	0.993	1.361	2.398	0.0	0.0	0.0	0.0	0.0		
08:30	1.925	1.563	1.128	1.407	3.347	0.0	0.0	0.0	0.0	0.0		
08:45	3.656	1.373	0.993	1.063	3.503	0.0	0.0	0.0	0.0	0.0		
09:00	4.121	1.122	1.011	1.169	1.231	0.0	0.0	0.0	0.0	0.0		
09:15	1.562	2.467	1.157	1.032	1.305	0.0	0.0	0.0	0.0	0.0		
09:30	3.837	2.255	1.085	1.025	1.135	0.0	0.0	0.0	0.0	0.0		
09:45	2.230	1.088	1.221	1.190	1.173	0.0	0.0	0.0	0.0	0.0		
10:00	2.293	1.289	1.234	1.054	1.211	0.0	0.0	0.0	0.0	0.0		
10:15	1.294	1.543	1.317	1.145	1.238	0.0	0.0	0.0	0.0	0.0		
10:30	1.539	1.325	1.343	1.022	1.157	0.0	0.0	0.0	0.0	0.0		
10:45	3.107	1.761	1.345	1.192	1.176	0.0	0.0	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. PM10 (Station4)	Avg. PM10 (Station5)	Avg. VOC(Station1)	Avg. VOC(Station2)	Avg. VOC(Station3)	Avg. VOC (Station5)	Avg. VOC (Station4)	Odors	Notes Activities/ Additional Monitoring
11:00	8.844	2.252	1.389	1.106	1.360	0.0	0.0	0.0	0.0	0.0		
11:15	1.901	1.997	1.277	1.165	2.459	0.0	0.0	0.0	0.0	0.0		
11:30	2.363	3.922	1.334	1.169	1.943	0.0	0.0	0.0	0.0	0.0		
11:45	1.604	1.733	1.372	1.172	1.404	0.0	0.0	0.0	0.0	0.0		
12:00	1.733	2.635	1.235	1.065	1.899	0.0	0.0	0.0	0.0	0.0		
12:15	1.321	2.009	1.088	0.913	1.250	0.0	0.0	0.0	0.0	0.0		
12:30	2.728	2.231	1.276	1.004	1.369	0.0	0.0	0.0	0.0	0.0		
12:45	1.674	1.813	1.009	0.802	1.165	0.0	0.0	0.0	0.0	0.0		
13:00	2.945	2.255	1.093	0.837	1.201	0.0	0.0	0.0	0.0	0.0		
13:15	1.708	1.951	0.872	0.801	1.005	0.0	0.0	0.0	0.0	0.0		
13:30	1.427	1.937	0.951	0.774	1.121	0.0	0.0	0.0	0.0	0.0		
13:45	1.695	1.759	0.887	0.848	1.147	0.0	0.0	0.0	0.0	0.0		
14:00	3.771	1.590	1.085	1.093	1.934	0.0	0.0	0.0	0.0	0.0		
14:15	2.701	2.987	0.858	0.744	0.957	0.0	0.0	0.0	0.0	0.0		
14:30	2.389	3.919	0.856	0.797	0.971	0.0	0.0	0.0	0.0	0.0		
14:45	1.300	1.928	0.877	0.808	0.993	0.0	0.0	0.0	0.0	0.0		
15:00	1.106	1.793	0.935	0.829	1.080	0.0	0.0	0.0	0.0	0.0		
15:15	0.998	8.635	0.797	0.779	0.893	0.0	0.0	0.0	0.0	0.0		
15:30	1.419	1.118	0.747	0.659	0.970	0.0	0.0	0.0	0.0	0.0		
15:45	2.632					0.0						