

## DAILY FIELD REPORT

<b>Project</b>	Former Port Mobil Terminal	<b>Report No.</b>	9
<b>NYSDEC Site</b>	#243016	<b>Date</b>	8/28/2025
<b>Location</b>	4101 Arthur Kill Road, Staten Island, New York	<b>File No.</b>	0208988
<b>Client</b>	NP Staten Island Industrial, LLC	<b>Temperature</b>	57-78°F
<b>Contractors</b>	R. Baker & Son (Baker) Industrial Development Advantage (IDA), Entact, Lakewood Environmental Services (Lakewood), Haley & Aldrich	<b>Wind</b>	NW to SE up to 10 mph
<b>Weather</b>	Sunny	<b>Personnel on Site</b>	K. Oconnor, S. Sotomayor S. Greco, M. Boland, S. Underhill
<b>Humidity</b>	36%	<b>Time on Site</b>	6:45 am to 5:15 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-5, AST-6, 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 (4) semi-trailers for off-site disposal at Klein Recycling.
- Entact started dry mixing for ISS pilot study in cell 3A. A fire occurred within the cell excavation, prompting all personnel to immediately evacuate the work area. Emergency services were contacted and the FDNY arrived on Site to extinguish the fire using AR-AFFF fire-fighting foam.
- 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	
Today:	Loads	Tons	Loads	Tons
	4	160	4	160
Total:	<u>16</u>	<u>640</u>	<u>16</u>	<u>640</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 4:0 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-S3\_0-10, PRB-S3\_10-20, PRB-S4\_0-10, and PRB-S4\_10-20)
- 12 Discrete Samples (PRB-14\_9-10, PRB-14\_19-20, PRB-15\_17-18, PRB-15\_6-7, PRB-8\_10-11, PRB-12\_7-8, PRB-13\_8-9, PRB-11\_6-7, PRB-11\_13-14, PRB-12\_12-13, PRB-10\_12-13, and PRB-10\_3-4)
- 1 Geotech Sample (PRB-12\_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 C&D debris being loaded for off-site disposal, facing north.



Photo 2: View of steel tank bottoms demolition at AST-8, facing west.



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

Photo 1: View of Lakewood soil boring installation activities along PRB wall segment 3, facing northwest.



Photo 2: View of PRB-9 soil boring along PRB wall segment 3.



**Site Photographs (ISS Pilot Study):**

Photo 1: View of FDNY preparing to extinguish fire in ISS cell 3A excavation, facing southeast.



Photo 2: View of Entact pumping ISS reagents into containment box for dry mixing in cell 3A, facing south.



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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.

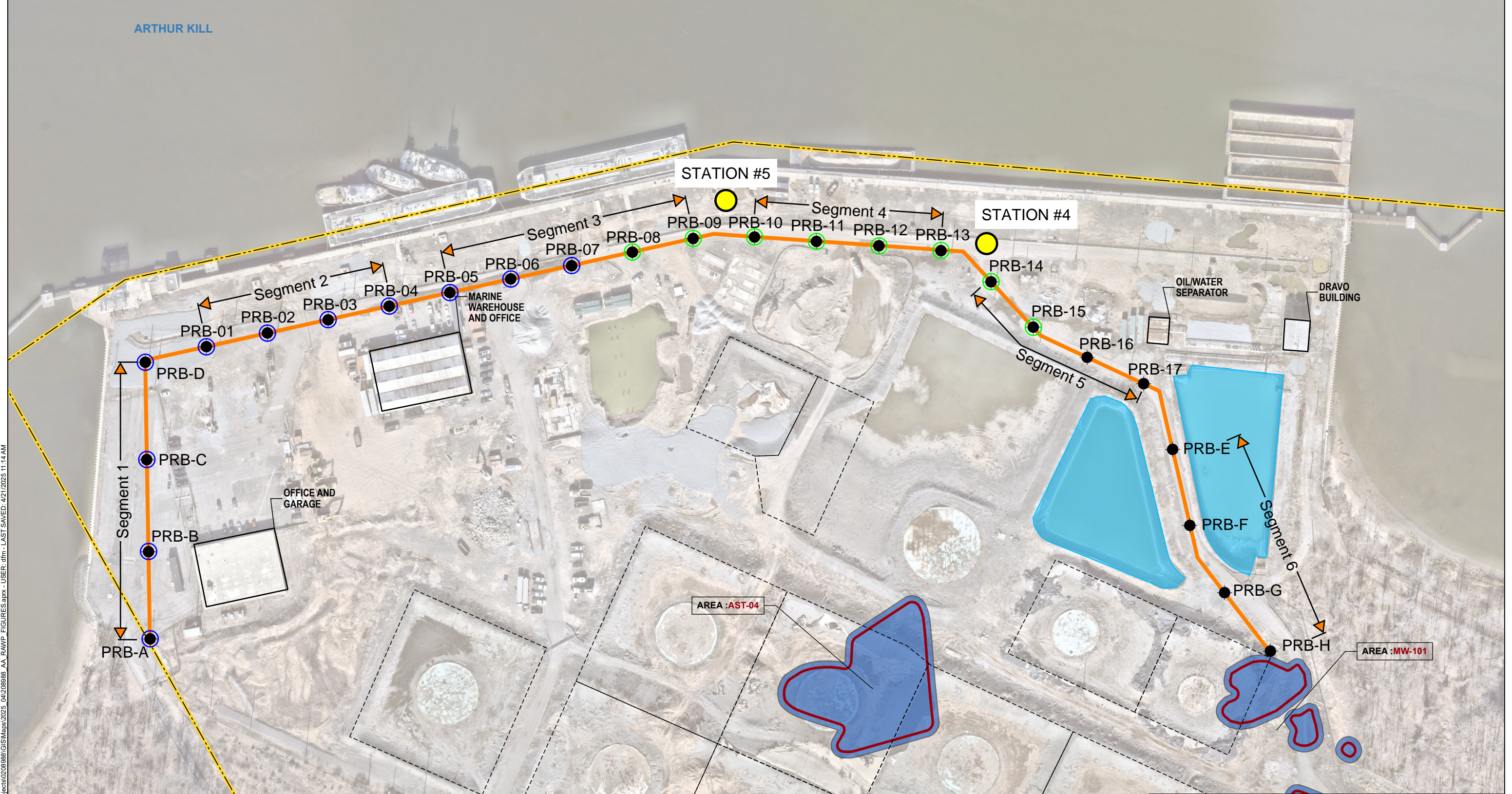
**HALEY ALDRICH** FORMER PORT MOBIL TERMINAL  
STATEN ISLAND, NEW YORK

**SITE PLAN**

APRIL 2025

**FIGURE 1**





**LEGEND**

BORING LOCATION / COMPOSITE POINT COMPLETED TODAY

BORING LOCATION / COMPOSITE POINT COMPLETED PREVIOUSLY

CONTAINMENT BERM

PERMEABLE REACTIVE BARRIER (PRB) WALL

APPROXIMATE EXTENT OF LNAPL

WIND DIRECTION

BORING LOCATION / COMPOSITE POINT COMPLETED PREVIOUSLY

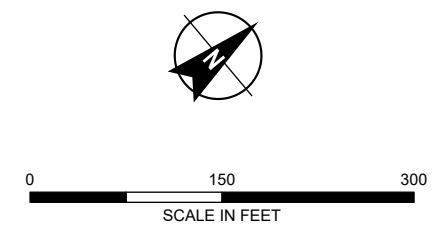
SURFACE IMPOUNDMENT

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



FORMER PORT MOBIL TERMINAL  
STATEN ISLAND, NEW YORK

SITE PLAN - PRB WALL

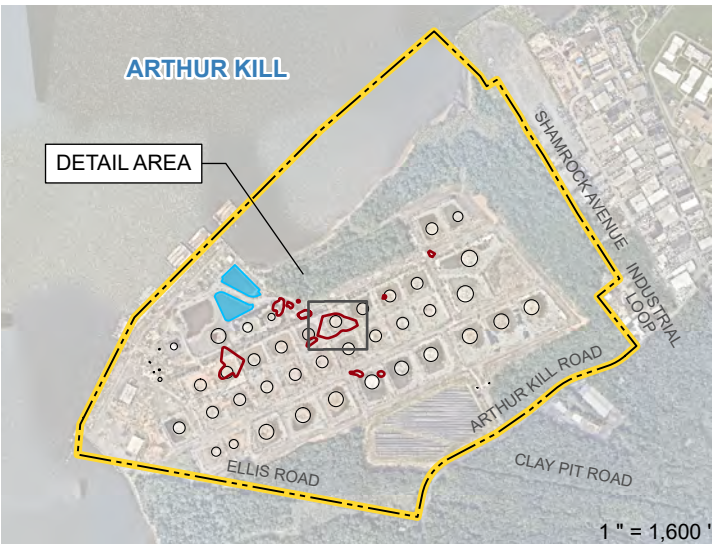
APRIL 2025

FIGURE 2

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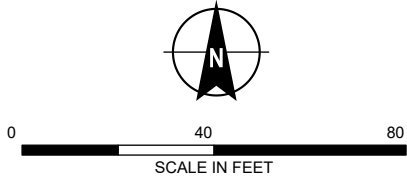


**LEGEND**

- APPROXIMATE EXTENT OF LNAPL
- ISS TREATMENT AREA - COMPLETED TODAY
- ISS TREATMENT AREA - COMPLETED PREVIOUSLY

**NOTES**

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



**HALEY  
ALDRICH**

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 : 2025-08-28

Personnel : K. OConnor, S. Sotomayor, S. Greco, M. Boland  
Weather : Sunny, 57-78°F  
Humidity : 36%  
Wind Direction : NW to SE up to 10 mph

Particulate Background (ug/m3) : 17.01  
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	13.380				17.01	0.0				0.0		
07:00	8.172	14.183	7.423	6.42	8.48	0.0	0.0	0.0	0.1	0.1		
07:15	5.962	14.311	5.685	8.00	6.72	0.0	0.0	0.0	0.2	0.1		
07:30	8.433	10.933	5.304	4.39	5.88	0.0	0.0	0.0	0.1	0.1		
07:45	4.821	44.333	4.619	3.76	4.94	0.0	0.0	0.1	0.1	0.1		
08:00	4.997	11.995	4.755	3.48	4.30	0.0	0.1	0.1	0.0	0.0		
08:15	5.980	4.479	4.037	3.56	4.73	0.0	0.3	0.0	0.0	0.0		
08:30	7.821	5.451	4.291	3.96	7.35	0.0	0.1	0.1	0.0	0.1		
08:45	5.925	29.478	4.316	9.51	15.63	0.1	0.1	0.1	0.1	0.1		
09:00	4.565	9.041	4.857	12.46	30.60	0.0	0.0	0.0	0.0	0.0		
09:15	4.052	5.940	4.816	11.71	15.65	0.0	0.0	0.0	0.0	0.0		
09:30	3.465	3.577	3.835	7.94	13.85	0.0	0.0	0.0	0.0	0.0		
09:45	3.528	3.861	3.477	11.82	12.01	0.0	0.0	0.0	0.0	0.0		
10:00	3.533	2.605	3.348	12.08	7.76	0.0	0.0	0.0	0.0	0.0		
10:15	3.661	2.837	3.759	4.92	9.21	0.0	0.0	0.0	0.0	0.0		
10:30	2.403	1.634	2.540	9.70	10.85	0.0	0.0	0.0	0.0	0.0		
10:45	11.391	2.331	2.289	10.41	10.29	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	11.057	9.352	2.305	4.164	11.135	0.0	0.0	0.0	0.0	0.0		
11:15	5.947	4.393	4.020	3.512	7.617	0.0	0.0	0.0	0.0	0.0		
11:30	4.835	3.155	3.955	17.769	19.279	0.0	0.0	0.0	0.0	0.0		
11:45	4.607	2.955	2.659	6.945	8.353	0.0	0.0	0.0	0.0	0.0		
12:00	4.109	2.645	2.349	2.753	9.801	0.0	0.0	0.0	0.0	0.0		
12:15	2.799	5.771	2.139	3.287	10.671	0.0	0.0	0.0	0.0	0.0		
12:30	3.492	4.214	2.179	2.823	7.813	0.0	0.0	0.0	0.0	0.0		
12:45	2.923	4.391	2.257	9.013	12.808	0.0	0.0	0.0	0.0	0.0		
13:00	2.447	3.255	2.287	6.547	16.410	0.0	0.0	0.0	0.0	0.0		
13:15	7.769	3.067	2.161	7.172	27.368	0.0	0.0	0.0	0.0	0.0		
13:30	15.103	3.887	2.496			0.0	0.0	0.0				
13:45	9.536	3.263	2.328			0.0	0.0	0.0				
14:00	3.902	4.439	2.373			0.0	0.0	0.0				
14:15	3.449	3.962	2.805			0.0	0.0	0.0				
14:30	3.503	5.927	2.826			0.0	0.0	0.0				
14:45	3.199	2.883	2.598			0.0	0.0	0.0				
15:00	5.779	3.289	2.643			0.0	0.0	0.0				
15:15		4.981	2.421				0.0	0.0				
15:30		6.444	2.289				0.0	0.0				
15:45		3.210	2.770				0.0	0.0				
16:00		3.950	4.368				0.0	0.0				