

## **Pelton, Jason M (DEC)**

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**From:** Bill Lais <wlais@hsweng.com>  
**Sent:** Wednesday, June 10, 2020 9:53 AM  
**To:** Pelton, Jason M (DEC); Hesler, Donald (DEC); Sullivan, James (HEALTH); Richard Lenz; mrusso@OYSTERBAY-NY.gov  
**Cc:** edward.hannon@ngc.com; Fred Weber; Joel Balmat; Jose Sananes; Carol Henry Emery; Doug Smolensky  
**Subject:** Park Soil ISTR Construction Weekly Progress Summary, week of 2020 05 26  
**Attachments:** VOCs Phase 2 CAMP Data Week of 2020 05 26.pdf; VOCs Phase 2 Photo Log Week of 2020 05 26.pdf

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### **Park Soils ISTR Construction Weekly Progress Summary - DRAFT Reporting Period: May 26 through 29, 2020**

#### **Work Completed:**

- Mobilized personnel and equipment (i.e., mobile office trailer, Portable CAMP stations [dustrak and PID], a skidsteer, a forklift, a 30-yard roll off for general construction debris).
- Installed and maintained a decontamination station at the access gate to the ballfield.
- Began construction of a gravel road in the ballfield for deliveries and machinery access to the wellfield.
- Began grading the imported gravel in the wellfield area.
- Connected power to the new office trailer.

#### **Imported Materials:**

- Four loads of quarried stone (3/4, 5/8, and 3/8-inch).
- Three rolls of geotextile.
- Three rolls of HDPE geomembrane.
- Three pallets of sandbags.
- No materials were exported.

#### **Wastes Generated and Disposed:**

- Decontamination fluids are being containerized in a 55-gallon drum.
- General construction debris is being placed in a 30-yard roll off.

#### **Overview of CAMP Station Particulate and TVOC Vapor Monitoring Data:**

- Particulate and TVOC monitoring began 5/27.
- Per the CAMP, two portable stations were deployed each day, one positioned upwind of the work area, and the other positioned downwind of the work area to monitor TVOC and particulates. The locations of the stations were determined at the beginning of each day based on the prevailing wind direction.

- The location and plots of particulate and TVOC data for each unit during the reporting period are attached.
- No exceedances of particulate or TVOC vapors were detected during this reporting period. Elevated particulate readings were recorded on 5/29; however, the elevated readings were the result of offloading and spreading imported crushed stone at the site. While the activity that generated the dust (placement of clean fill) does not require that control measures be implemented (Paragraph 2 in DER-10 Appendix 1B), particulate mass concentration dropped to below the DER-10 Appendix 1A CAMP concentration of 0.1 mg/m<sup>3</sup> (above background measured at the upwind station) within minutes of the material being unloaded.

### **Analytical Results:**

- No samples were collected for analysis.

### **Design and/or Work Plan Modifications:**

- None.

### **Schedule:**

- No changes to the project schedule.
- Work Planned for Week of June 1, 2020:
  - Continue importing additional gravel and wellfield surface vapor collection system materials.
  - Continue grading imported gravel in the gravel road and wellfield area in the ballfield area.
  - Begin assembly surface vapor collection system horizontal collectors.

### **Attachments:**

- CAMP Data
- Photo Log

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## PHOTOGRAPH LOG – Week of May 26, 2020

### Phase 2 ISTR Remedial Construction

Northrop Grumman  
OU3 VOC Source Area Remedy  
Bethpage Community Park



#### Photograph: 1

**Description:** Underground Process piping riser vault and lid

**Location:**  
McKay Field



#### Photograph: 2

**Description:** Gravel delivery in treatment area

**Location:**  
Ballfield

## PHOTOGRAPH LOG – Week of May 26, 2020

### Phase 2 ISTR Remedial Construction

Northrop Grumman  
OU3 VOC Source Area Remedy  
Bethpage Community Park



**Photograph: 3**

**Description:** Preparing gravel driveway near treatment area

**Location:**  
Ballfield



**Photograph: 4**

**Description:** Preparing gravel equipment assembly area

**Location:**  
Ballfield

## PHOTOGRAPH LOG – Week of May 26, 2020

### Phase 2 ISTR Remedial Construction

Northrop Grumman  
OU3 VOC Source Area Remedy  
Bethpage Community Park



**Photograph: 5**

**Description:** Compacting gravel driveway near treatment area

**Location:**  
Ballfield

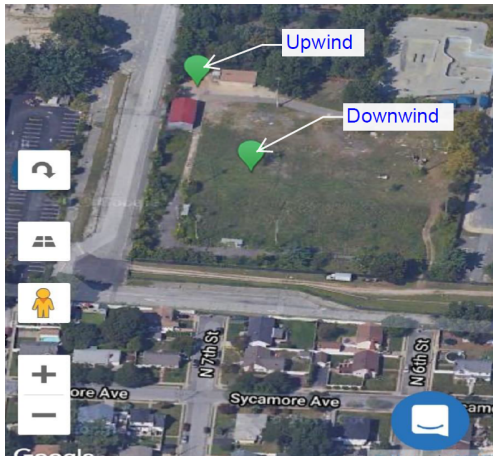
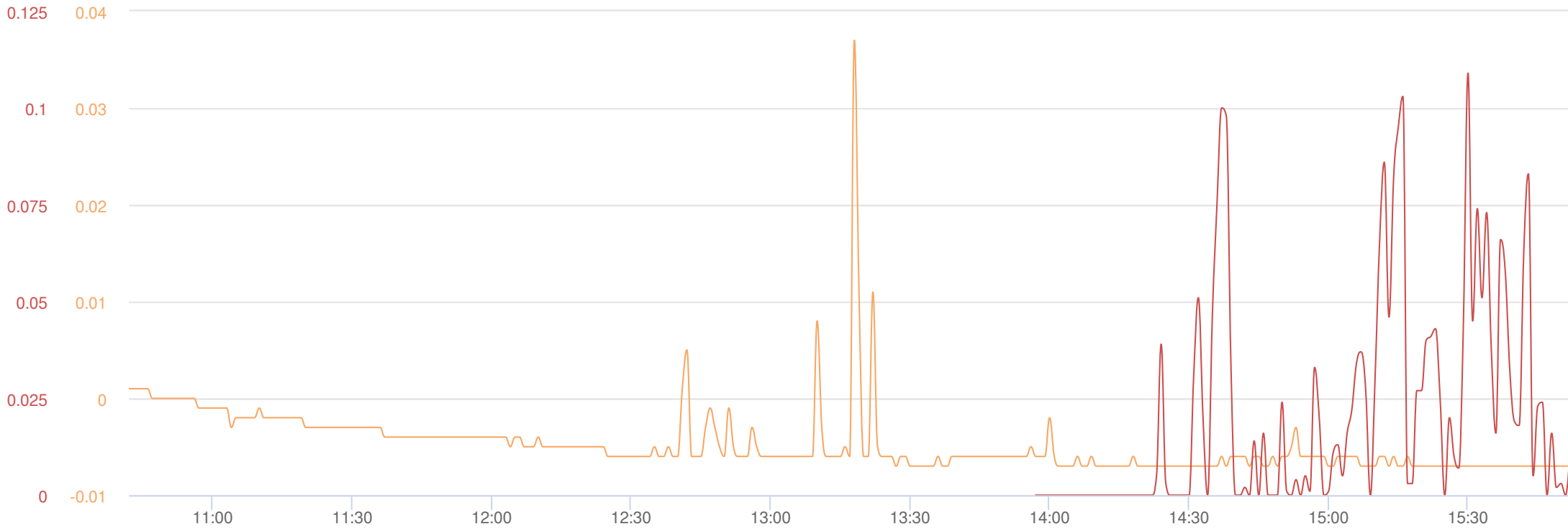


**Photograph: 6**

**Description:** Unloading HDPE wellfield liner

**Location:**  
McKay Field

05/27/2020 0:00:24 – 05/28/2020 0:00:00  
 (GMT-05:00) Eastern Time (US & Canada)



**Mass Conc. Total** mg/m<sup>3</sup>  
 DustTrak-8530  
 RS232(C)

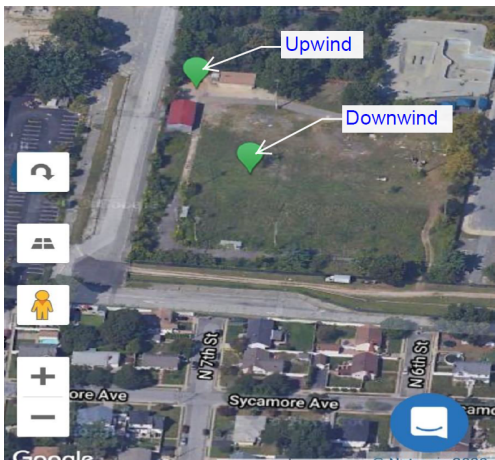
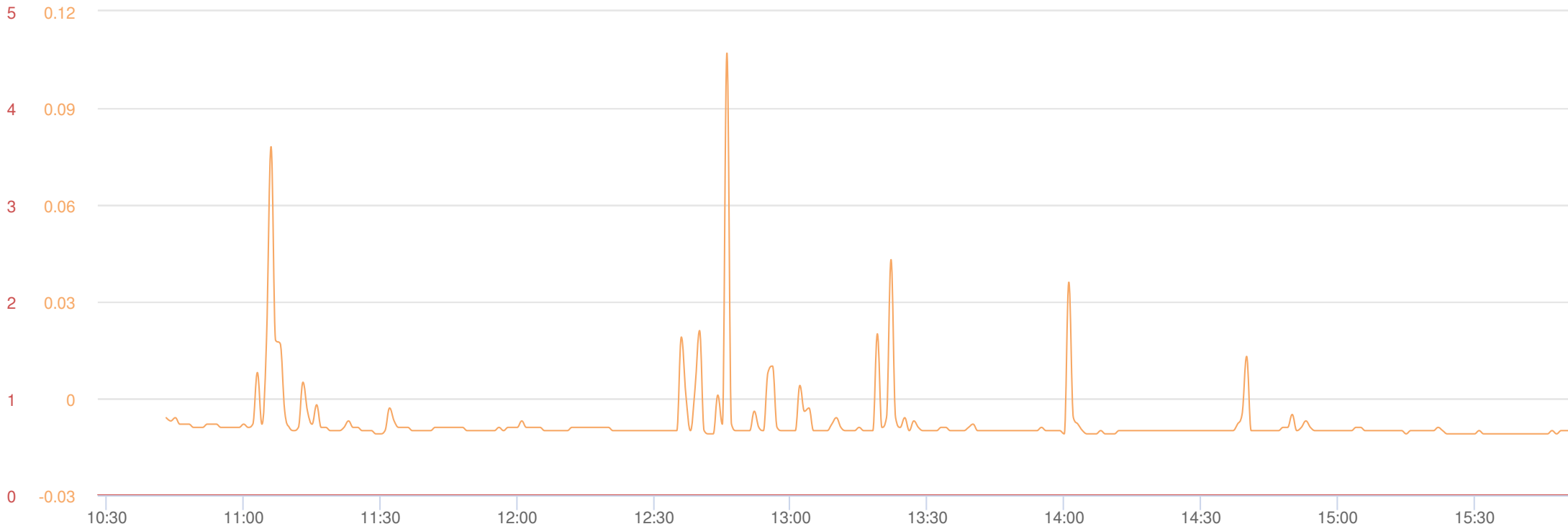
MIN	AVG	MAX
-0.007	-0.005	0.037

**VOC** ppm  
 miniRAE 3000  
 RS232(A)

MIN	AVG	MAX
0	0.021	0.109

**Name** 41147 - Upwind  
**S/N** 0B357066  
**Location** Bethpage Community Park, 1001 Stewart Ave, Bethpage, NY 11714, USA

05/27/2020 0:00:49 – 05/28/2020 0:00:00  
 (GMT-05:00) Eastern Time (US & Canada)

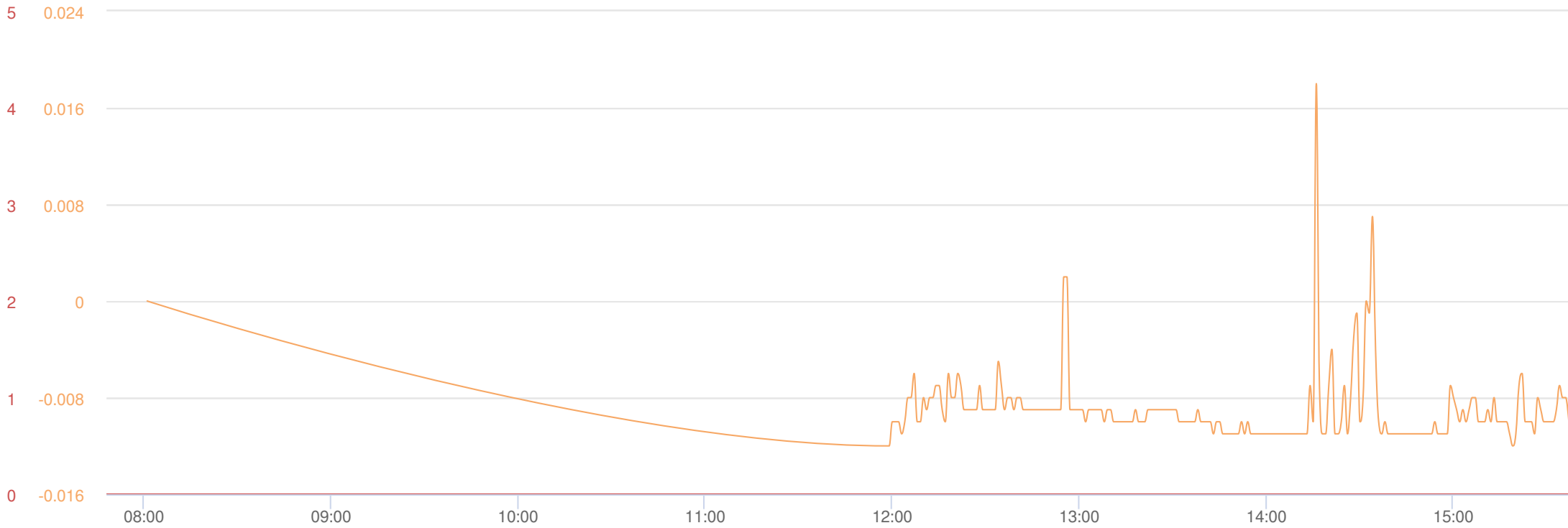


Mass Conc. Total mg/m <sup>3</sup>		
DustTrak-8530 RS232(C)		
MIN	AVG	MAX
-0.011	-0.007	0.107

VOC ppm		
miniRAE 3000 RS232(A)		
MIN	AVG	MAX
0	0	0

**Name** 39875 - Downwind  
**S/N** 0B333738  
**Location** Bethpage Community Park, 1001 Stewart Ave, Bethpage, NY 11714, USA

05/28/2020 0:00:00 – 05/29/2020 0:00:00  
 (GMT-05:00) Eastern Time (US & Canada)



**Mass Conc. Total** mg/m<sup>3</sup>

DustTrak-8530  
 RS232(C)

MIN	AVG	MAX
-0.012	-0.009	0.018

**VOC** ppm

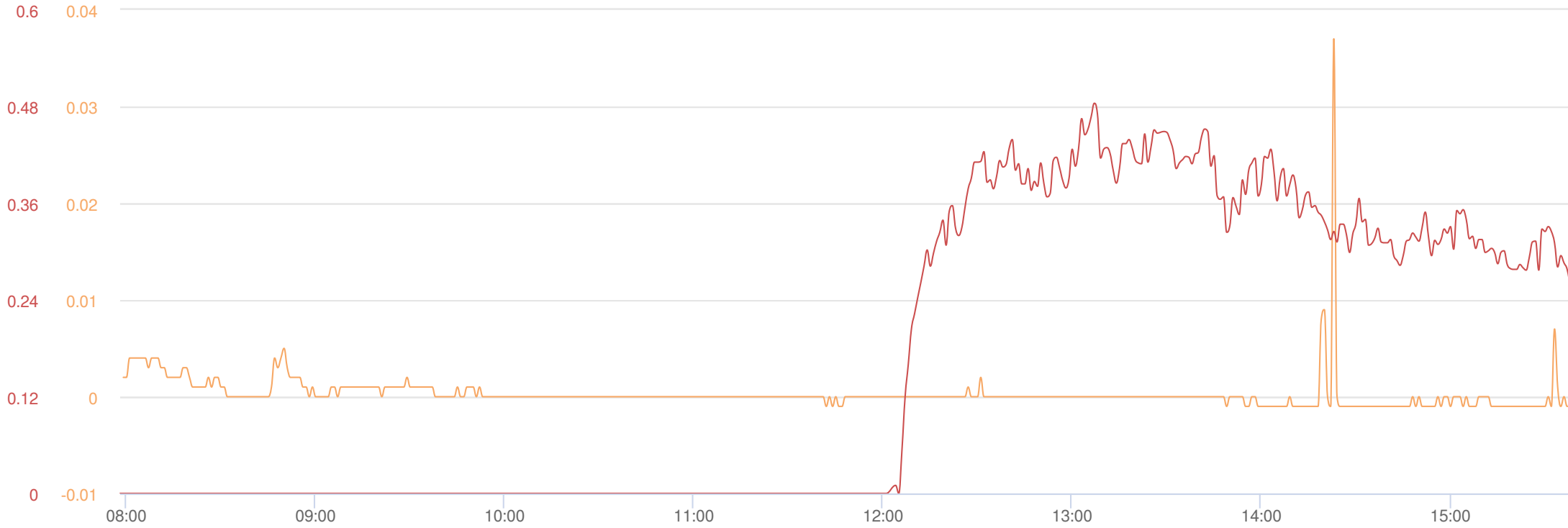
miniRAE 3000  
 RS232(A)

MIN	AVG	MAX
0	0	0

**Name** 41147 - Upwind  
**S/N** 0B357066  
**Location** Bethpage Community  
 Park, 1001 Stewart Ave,  
 Bethpage, NY 11714,  
 USA



05/28/2020 0:00:00 – 05/29/2020 0:00:00  
 (GMT-05:00) Eastern Time (US & Canada)

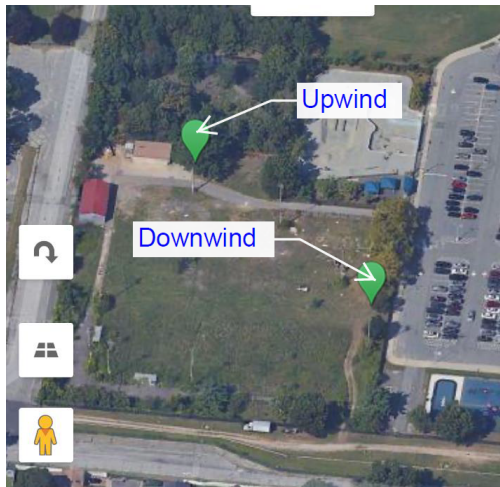
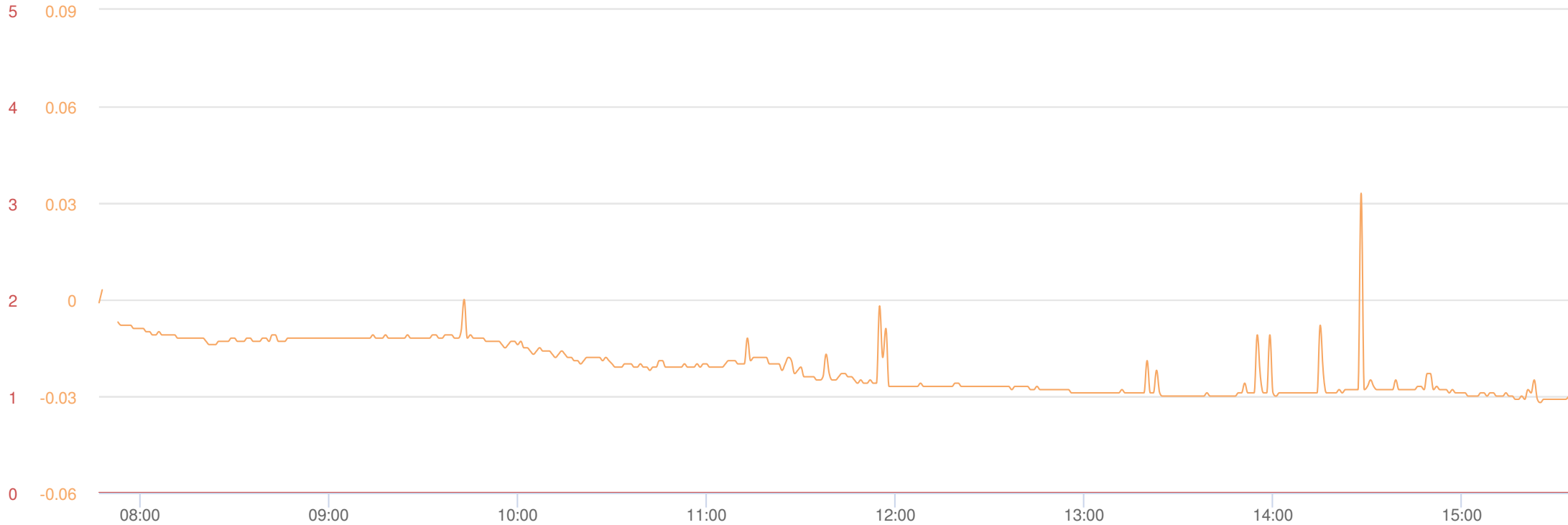


Mass Conc. Total mg/m <sup>3</sup>		
DustTrak-8530 RS232(C)		
MIN	AVG	MAX
-0.001	0	0.037

VOC ppm		
miniRAE 3000 RS232(A)		
MIN	AVG	MAX
0	0.167	0.484

**Name** 39875 - Downwind  
**S/N** 0B333738  
**Location** Bethpage Community Park, 1001 Stewart Ave, Bethpage, NY 11714, USA

Fri, 29th of May 2020, 0:00:00 – 23:59:00  
 (GMT-05:00) Eastern Time (US & Canada)



**Mass Conc. Total** mg/m<sup>3</sup>  
 DustTrak-8530  
 RS232(C)

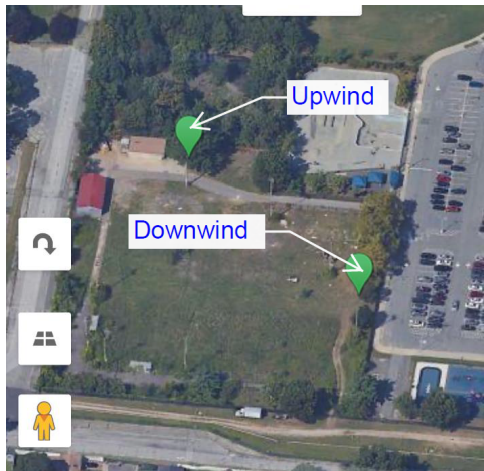
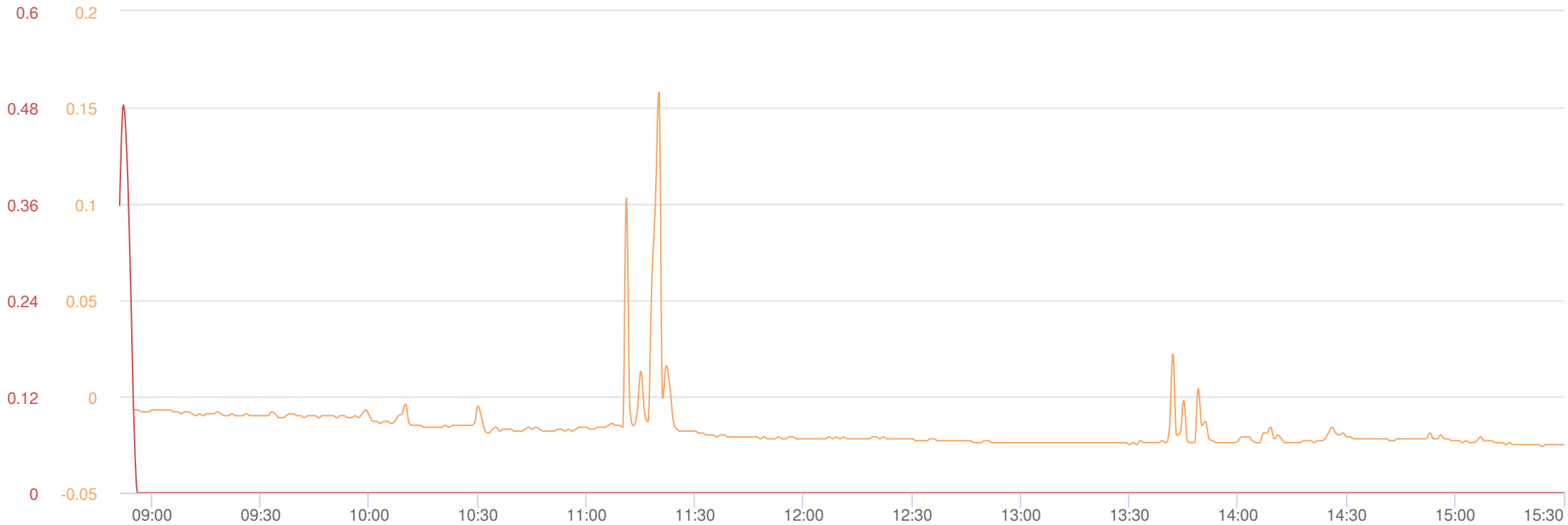
MIN	AVG	MAX
-0.032	-0.021	0.033

**VOC** ppm  
 miniRAE 3000  
 RS232(A)

MIN	AVG	MAX
0	0	0

**Name** 41147 - Upwind  
**S/N** 0B357066  
**Location** Bethpage Community Park, 1001 Stewart Ave, Bethpage, NY 11714, USA

Fri, 29th of May 2020, 0:00:00 – 23:59:00  
 (GMT-05:00) Eastern Time (US & Canada)



**Mass Conc. Total** mg/m<sup>3</sup>  
 DustTrak-8530  
 RS232(C)

MIN	AVG	MAX
-0.026	-0.017	0.158

**VOC** ppm  
 miniRAE 3000  
 RS232(A)

MIN	AVG	MAX
0	0.004	0.483

**Name** 39875 - Downwind  
**S/N** 0B333738  
**Location** 901 Stewart Ave,  
 Bethpage, NY 11714,  
 USA