

Pelton, Jason M (DEC)

From: Bill Lais <wlais@hsweng.com>
Sent: Friday, June 19, 2020 11:33 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; Dianne.Baumert-Moyik@ngc.com
Subject: Park Soil ISTR Construction Weekly Progress Summary, week of 2020 06 01
Attachments: VOCs Phase 2 CAMP Data Week of 2020 06 01.pdf; VOCs Phase 2 Photo Log Week of 2020 06 01.pdf

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Weekly Progress Summary for ISTR Construction Reporting Period: June 1-6, 2020

Work completed:

- Continued constructing gravel road in ballfield for deliveries and machinery access.
- Continued grading imported gravel in wellfield area.
- Re-grouted heater and extraction well stickups in wellfield area.
- Began assembly and welding horizontal extraction wells and elbow joints.
- Installed two horizontal vent wells, HV-05 and HV-06.
- Sealed two storm sewer inlets in wellfield area.

Materials imported:

- 17 loads of 5/8-inch quarried stone
- 3 loads of dense grade aggregate
- 1 delivery of sandbags
- 1 delivery of 6x6 timbers

CAMP station monitoring summary:

- Particulate and TVOC data plots for upwind and downwind CAMP stations attached.
- No exceedances of CAMP action levels for particulates or TVOC vapors observed.
- Elevated particulate readings on 6/1 and 6/3 resulted from offloading imported crushed stone. Particulate concentrations dropped to 0.1 mg/m³ above background within minutes after stone was offloaded. DER-10 does not require control measures for dust from placement of clean fill.
- Elevated TVOC reading on 6/4 due to change out of tubing on the PID. Reading dropped to below 1 ppm within minutes after changing out tubing.

Analytical results:

No samples collected for lab analysis.

Wastes generated/disposed:

- Decontamination fluids containerized onsite in 55-gallon drum.
- General construction debris placed onsite in 30-yard roll off.

- No offsite disposal.

Community engagement:

None

Work Plan or design modifications:

Use of wood timbers to secure gravel base and DGA along edge of wellfield where liner extends over paved areas.

Schedule:

- No project schedule changes.
- Work planned for week of June 8-12, 2020:
 - Continue importing gravel and assembling wellfield surface vapor collection system components.
 - Continue grading imported gravel in gravel road and wellfield area.

Attachments:

- CAMP Data
- Photo Log

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(813) 363-1451

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PHOTOGRAPH LOG – Week of June 1, 2020

Phase 2 ISTR Remedial Construction

Northrop Grumman
OU3 VOC Source Area Remedy
Bethpage Community Park



Photograph: 1

Description: Horizontal well screens stock material

Location:
McKay Field



Photograph: 2

Description: Assembled horizontal well screens with riser

Location:
Ballfield

PHOTOGRAPH LOG – Week of June 1, 2020

Phase 2 ISTR Remedial Construction

Northrop Grumman
OU3 VOC Source Area Remedy
Bethpage Community Park



Photograph: 3

Description: Installing horizontal extraction well in wellfield

Location:
Ballfield



Photograph: 4

Description: Preparing gravel topping over horizontal extraction wells

Location:
Ballfield

PHOTOGRAPH LOG – Week of June 1, 2020

Phase 2 ISTR Remedial Construction

Northrop Grumman
OU3 VOC Source Area Remedy
Bethpage Community Park



Photograph: 5

Description: Compacted gravel driveway near treatment area

Location:
Ballfield

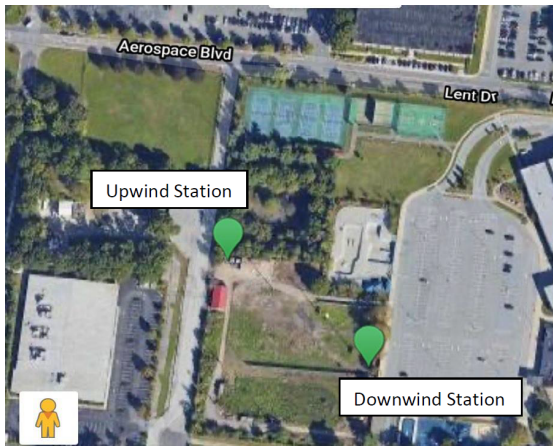
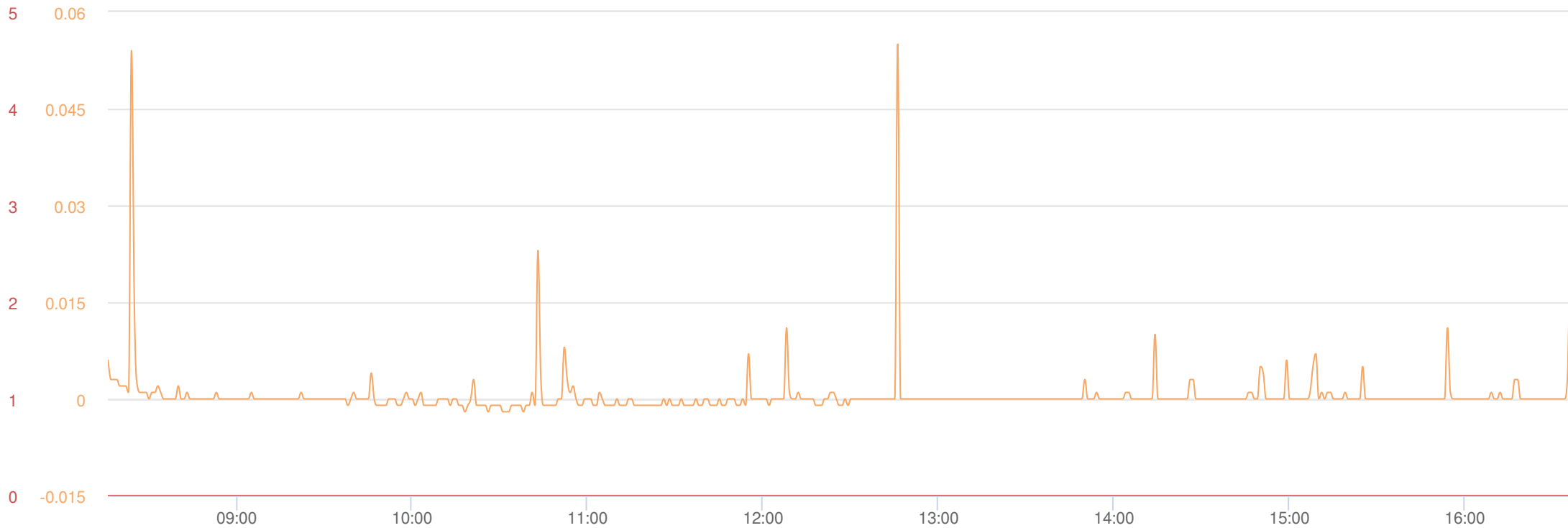


Photograph: 6

Description: Staged HDPE wellfield liner

Location:
McKay Field

Mon, 1st of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)

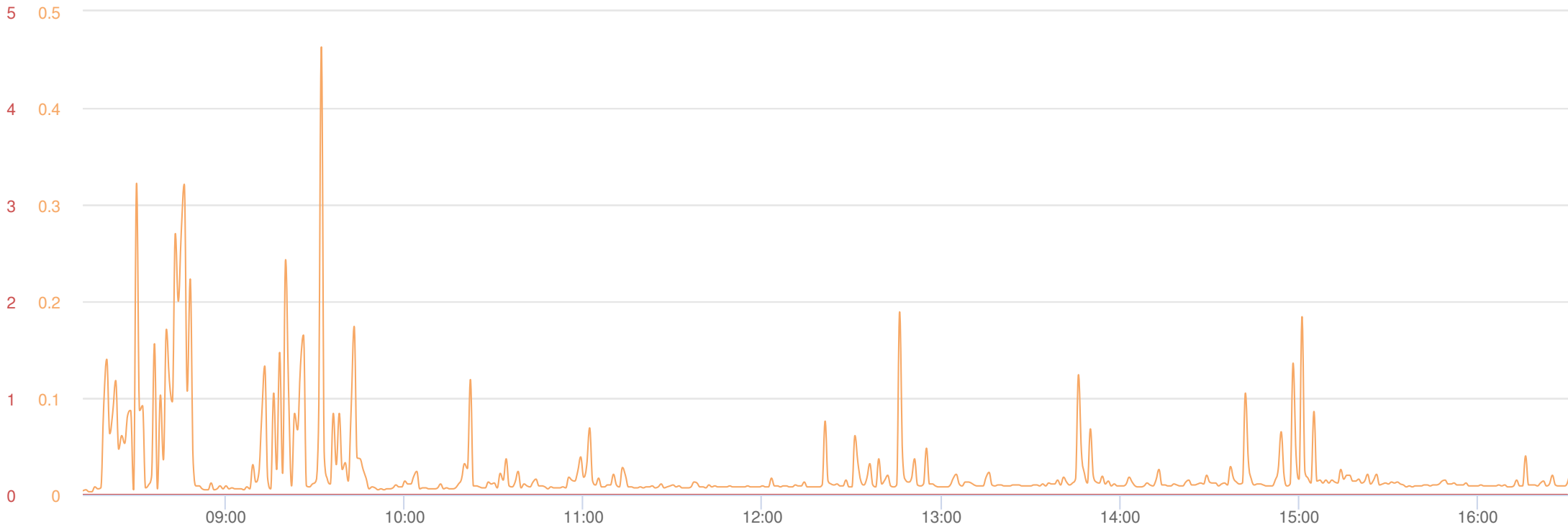


Mass Conc. Total mg/m ³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
-0.002	0	0.055

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

Mon, 1st of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
 RS232(C)

MIN	AVG	MAX
0.003	0.025	0.463

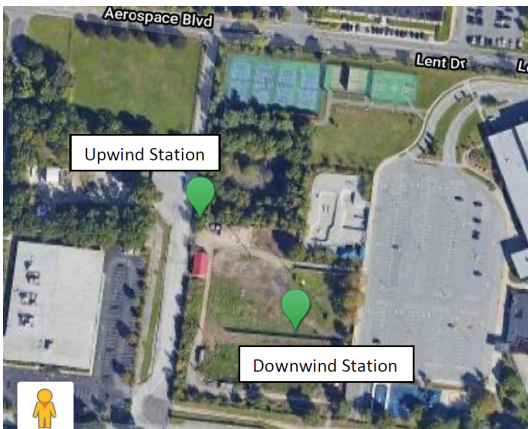
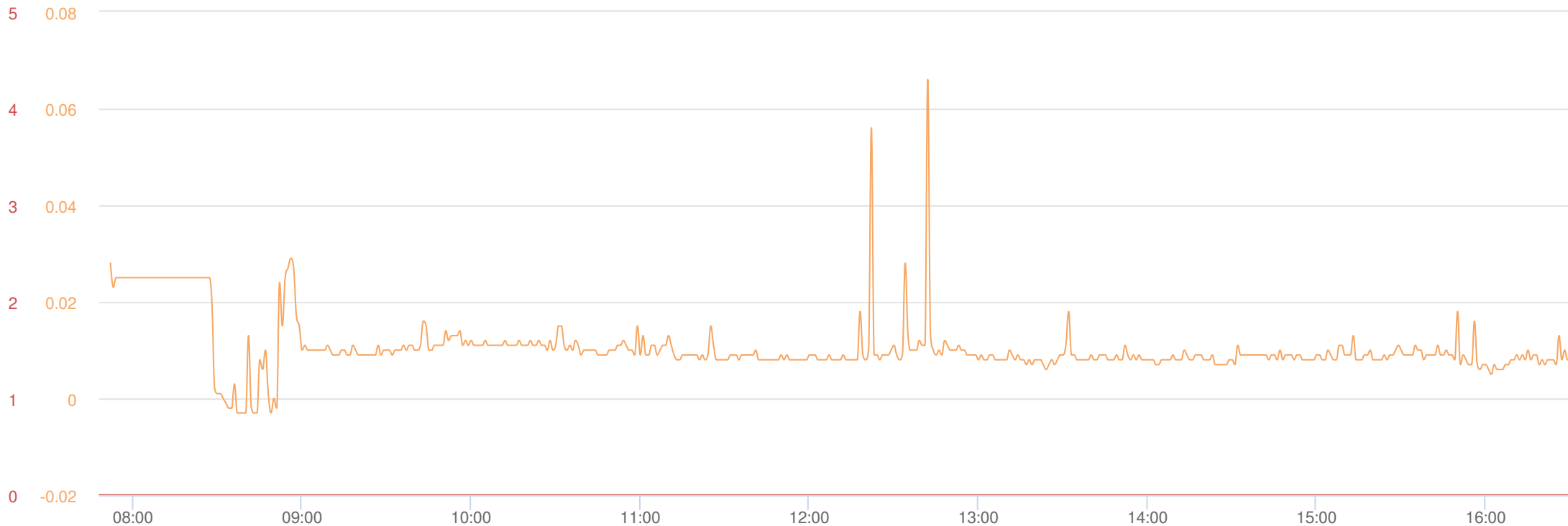
VOC ppm

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

Tue, 2nd of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.003	0.01	0.066

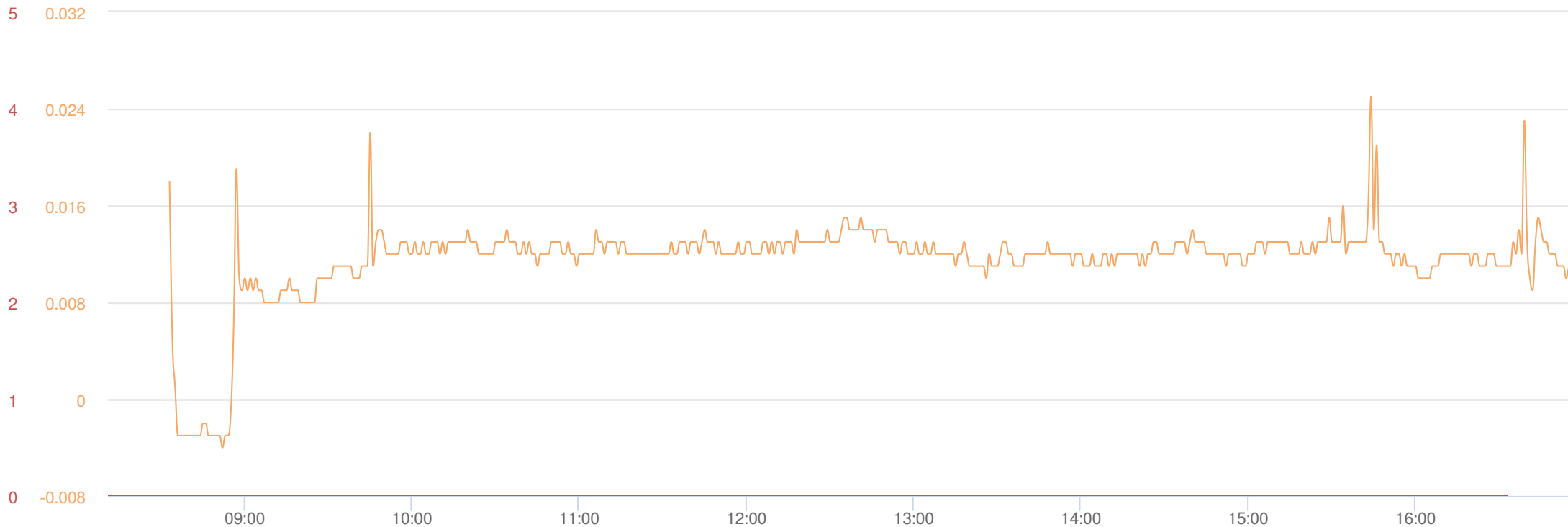
VOC ppm

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

Tue, 2nd of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
 RS232(C)

MIN	AVG	MAX
-0.004	0.012	0.025

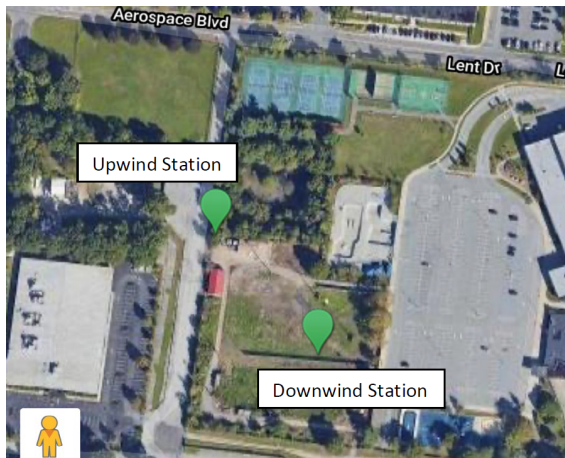
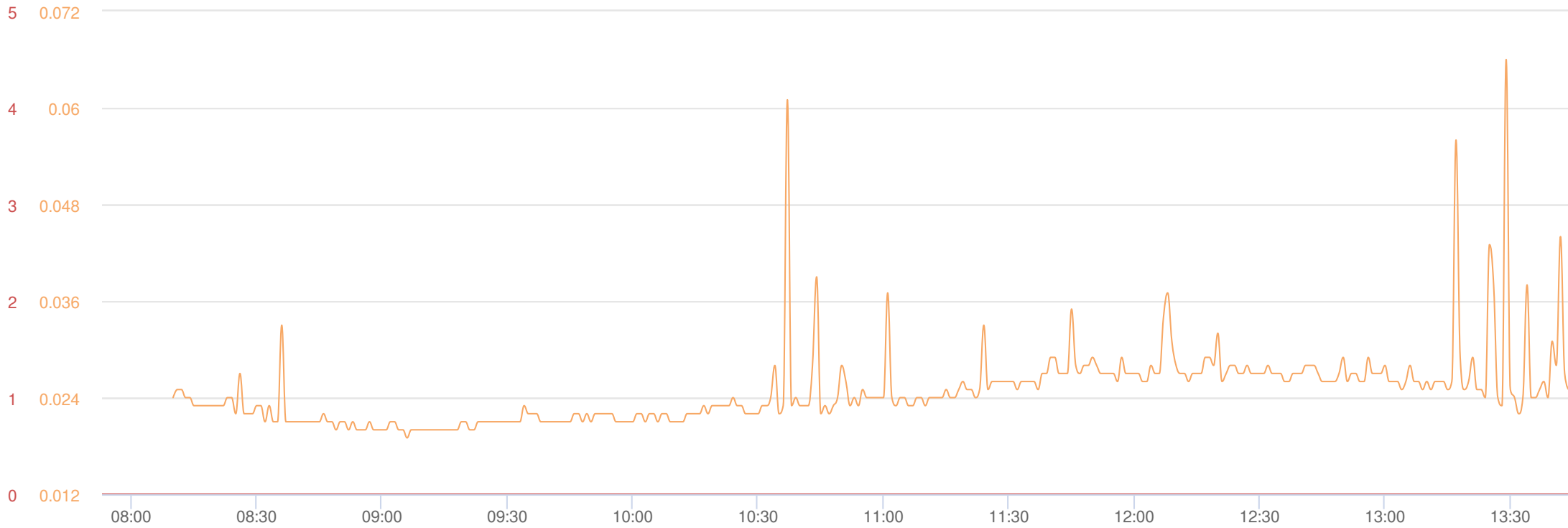
VOC ppm

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

Wed, 3rd of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
 DustTrak-8530
 RS232(C)

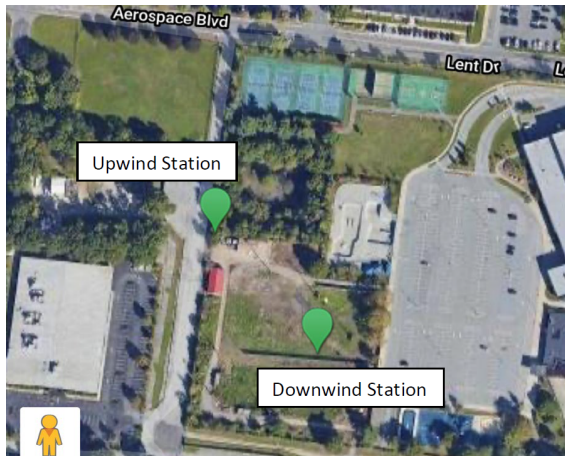
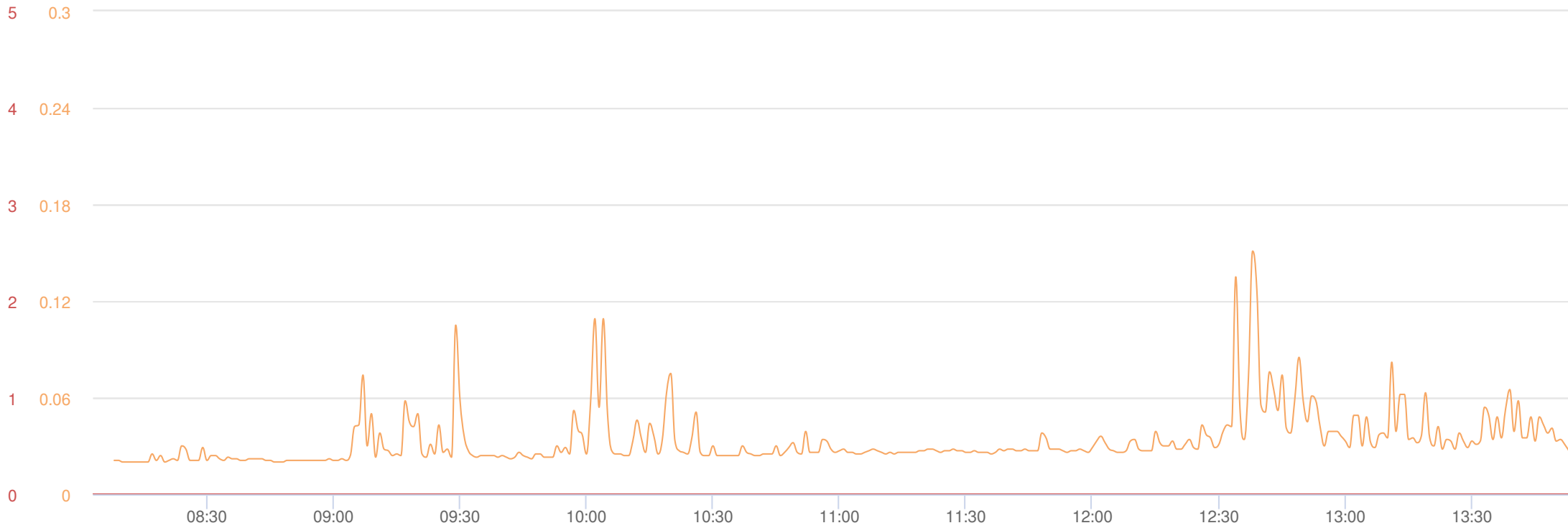
MIN	AVG	MAX
0.019	0.025	0.066

VOC ppm
 miniRAE 3000
 RS232(A)

MIN	AVG	MAX
0	0	0

Name 41147 - Upwind
S/N 0B357066
Location 901 Stewart Ave,
 Bethpage, NY 11714,
 USA

Wed, 3rd of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)

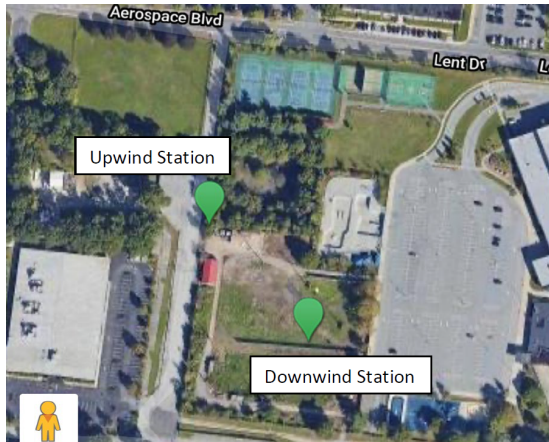
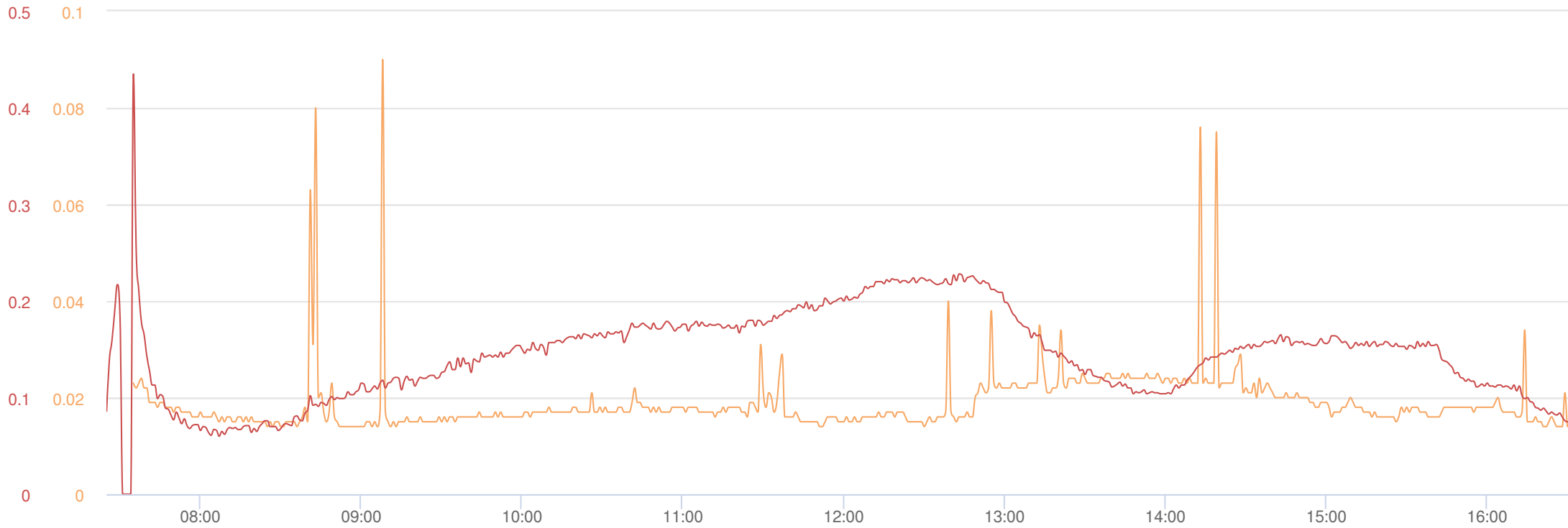


Mass Conc. Total mg/m ³		
DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.02	0.033	0.151

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

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

Thu, 4th of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.014	0.019	0.09

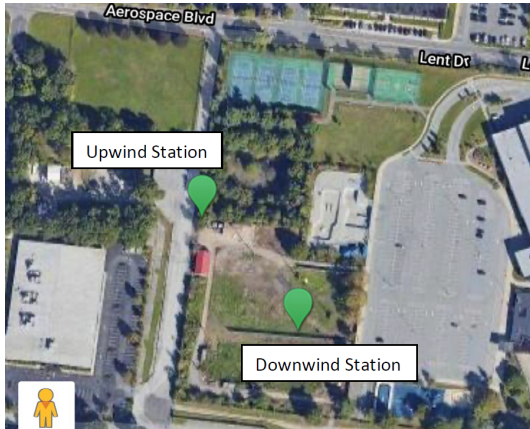
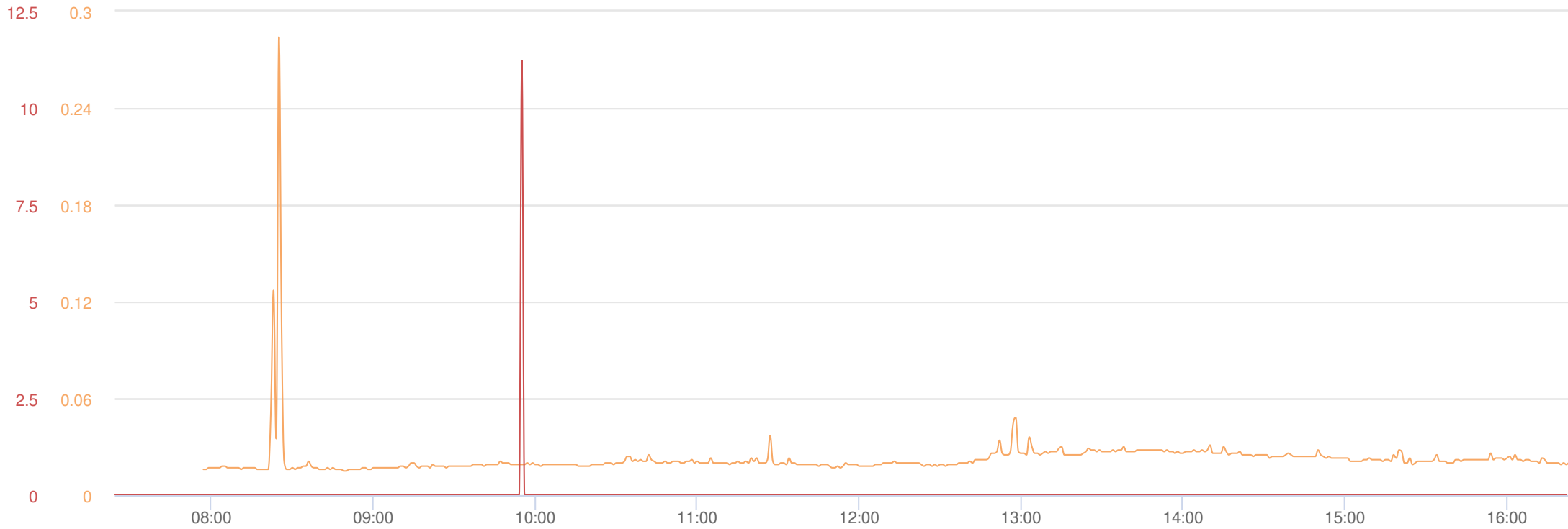
VOC ppm

miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.145	0.435

Name 41147 - Upwind
S/N 0B357066
Location 901 Stewart Ave,
 Bethpage, NY 11714,
 USA

Thu, 4th of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.015	0.022	0.284

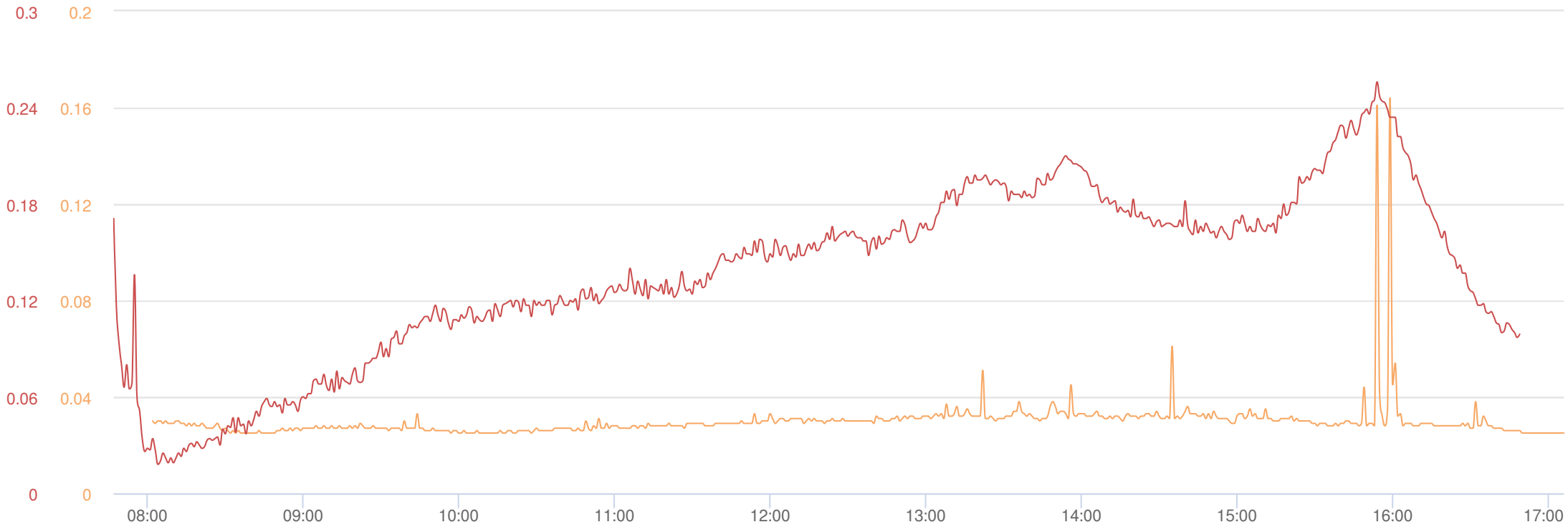
VOC ppm

miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.021	11.229

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

Fri, 5th of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
 RS232(C)

MIN	AVG	MAX
0.025	0.03	0.164

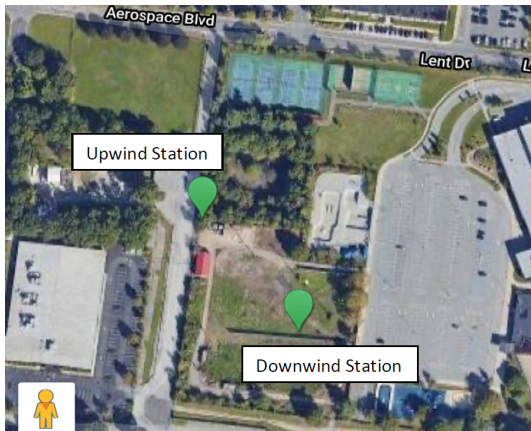
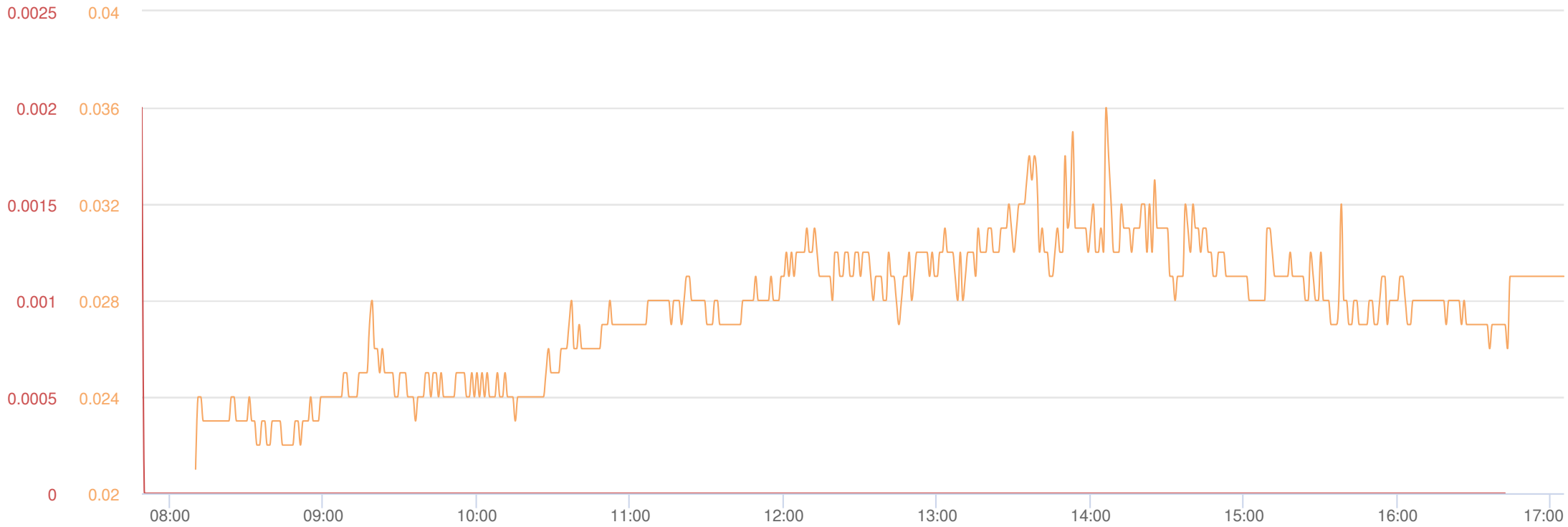
VOC ppm

miniRAE 3000
 RS232(A)

MIN	AVG	MAX
0.018	0.137	0.256

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

Fri, 5th of Jun 2020, 0:00:00 – 23:59:00
 (GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.021	0.028	0.036

VOC ppm

miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.002

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