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June 19, 2019

Mr. Nick Acampora
New York State Department of Environmental Conservation
Division of Environmental Remediation
50 Circle Road
Stony Brook, New York 11790

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REG 1 - OIL SPILLS

Re: Monthly Work Report; March-April 2019
Former Cibro Petroleum Terminal Site
NYSDEC Site No. C130153

Dear Mr. Acampora:

Posillico Development Company at Harbor Island, Inc. (PDC@HI) is submitting this Monthly Progress Report for the Former Cibro Petroleum Terminal located at 7 Washington Avenue, Island Park, New York (Site). This Report was prepared as required by the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Agreement (BCA) Index No. W1-1075-05-09, Brownfield Cleanup Program (BCP) Site No. C130153.

This Monthly Progress Report describes the Remedial Work Plan (RWP) activities conducted at the Site. Section XI of the Brownfield Agreement specifies the required contents of this Monthly Report, which are detailed below. The RWP activities described in this Report were performed in accordance with the NYSDEC-approved RWP dated November 2017.

During previous discussions with NYSDEC representatives, progress update reports would resume at the start of the bulkhead replacement and subsequent remedial excavation activities. The marine bulkhead contractor mobilized for the bulkhead replacement on March 25, 2019. This is the first monthly report being submitted for work performed under the approved November 2017 RWP.

Remedial Work Plan Tasks Completed Prior to Reporting Period

The following tasks were completed during mobilization and discussed in more detail below:

- Remedial work mobilization.
- Mechanical processing of on-site stockpiles.
- Demolition of Tank Pads #14, 13, and 12.
- Remedial excavations of J5/K5 and H12/H13 hotspots.
- Excavation work plan test pitting.

Remedial Work Mobilization

Mobilization to prepare the site for the remedial scope of work began in July 2018. Mobilization efforts included:

- Establishment of storm water pollution prevention plan (SWPPP) control measures including, silt fence, silt socks, stockpile containment barriers, temporary retention basins, and riprap revetments.
- Clearing, grubbing, and grading.
- Site stabilization including construction of material and equipment access and staging areas.

Mechanical Processing of On-Site Stockpiles

- Sampling of existing on-site stockpiles in accordance with the approved November 2017 RWP was performed under NYSDEC oversight in October 2018:
  - Analytical results for the on-site soil stockpiles were compared to site-specific soil cleanup objectives (SSSCOs) and submitted to NYSDEC and NYSDOH in the November 8, 2018 Existing Soil Stockpile Sampling letter report.
  - Based on NYSDOH request, samples were collected and analyzed for asbestos.
  - Analytical results for the requested asbestos samples were submitted to NYSDEC and NYSDOH in the December 3, 2018 Existing Soil Stockpile Sampling –Supplemental Asbestos Results letter report.

- After the October 2018 stockpile sampling, clearing, grubbing, and grading activities in grid areas J4 through M12 generated additional stockpiles overburden #1 and 2.
- To prepare for the construction of the remedial soil bins in area P13-R14 surficial overburden was scraped generating stockpile overburden #3.
- The three additional stockpiles were sampled in November 2018:
  - Stockpile sample analytes and frequency were in accordance with the approved RWP for onsite reuse.
  - Stockpile sample analytical results were compared to SSSCOs for onsite reuse and discussed with NYSDEC representatives; the analytical results are shown in Tables 1 and 2.
  - No exceedances of SSSCOs were detected in the November 2018 stockpile samples:
    - NYSDEC representatives approved reuse of stockpiles represented by the November 2018 sampling onsite without restriction.

Sample Date	Stockpile Origin	Volume (CY)	# of Samples (Grab/Composite)	Sampling Results
11/14/2018	Overburden #1 (OB1) from K6-L11; screened fill	<1000	2/1	<SSSCO; Approved for onsite reuse without restriction
11/14/2018	Overburden #2 (OB2) from K6-L11; fill to be screened	<1000	2/1	<SSSCO; Approved for onsite reuse without restriction
11/14/2018	Overburden #3 (OB3) from P13-R14	<1000	2/1	<SSSCO; Approved for onsite reuse without restriction

Demolition of Tank Pads #14, 13, and 11

- Concrete tank pads #14, 13 and 11 were saw cut into moveable piece and then transported to stockpile in grid area C7.
- Subsequent to concrete tank pad removal, sampling was performed beneath concrete tank pads #14, 13, and 11
  - Analytical results for tank pad sampling were compared to the SSSCOs and submitted to NYSDEC and NYSDOH in the February 8, 2019 Former Concrete Pad Investigation and Post-Excavation Sampling letter report.
  - Slight exceedances of SSSCOs were detected for three semi-volatile organic compounds (SVOC) compounds at one sample location within the footprint of former tank pad #14.
- Limited remedial excavation was performed to remove the slight exceedances detected in the footprint of former tank pad #14:
  - Approximately 50 CY of soil was excavated from the footprint of former tank pad #14.
  - Five post-excavation samples were collected from within the excavation; analytical results were reported in the February 8, 2019 Former Concrete Pad Investigation and Post-Excavation Sampling letter report.
  - No exceedances of SSSCOs were detected in the additional tank pad #14 post-excavation samples.

Remedial Excavations of J5/K5 and H12/H13 Hotspots

- Limited remedial excavation was performed on hotspots in quadrants J5-K5 and H12-H13 to establish remediation support areas.
- The limits of excavation within J5-K5 were approximately 22' by 50' to a depth of 8' below grade surface (bgs):
    - Five post-excavation samples were collected within the J5-K5 excavation; four sidewall samples and one bottom sample.
    - Post-excavation sample analytical results were compared to SSSCOs and discussed with NYSDEC representatives; the analytical results are shown in Tables 3 and 4 attached hereto.
    - There were no exceedances of SSSCOs detected in four of the five post-excavation analytical results
    - There was one slight exceedance for volatile organic compound (VOC) tentatively identified compounds (TICs) detected in the north sidewall post-excavation sample; 10.65 part per million (ppm) was detected with a SSSCO of 10 ppm.
    - NYSDEC representatives approved management of the slight exceedance from the northern was of J5-K5 beneath engineering controls.
- The limits of excavation within H12-H13 were approximately 27' by 19' to a depth of 5' bgs:
    - Five post-excavation samples were collected within the H12-H13 excavation; four sidewall samples and one bottom sample.
    - Post-excavation sample analytical results were compared to SSSCOs and discussed with NYSDEC representatives; the analytical results are shown in Tables 5 and 6 attached hereto.
    - There were no exceedances of SSSCOs detected in three of the five post-excavation analytical results.
    - There were two slight exceedances detected in the northern sidewall post-excavation sample; benzo[b]fluoranthene detected at 1.1 ppm with a SSSCO of 1.0 ppm and indeno[1,2,3-cd]pyrene detected at 0.59 ppm with a SSSCO of 0.5 ppm.
        - NYSDEC representatives approved management of the slight exceedance from the northern sidewall of the H12-13 excavation beneath engineering controls.
    - There was an exceedance detected for SVOC TICs in the western sidewall post-excavation sample; 163 ppm with a SSSCO of 100 ppm.
    - Based on the western sidewall exceedance the limits of excavation were extended 6' to the west.
    - A additional post-excavation sample was collected from the west sidewall of the excavation extension.
    - Post-excavation sample analytical results were compared to SSSCOs and discussed with NYSDEC representatives; the analytical results are shown in Tables 5 and 6 attached hereto.
    - There was a slight exceedance for indeno[1,2,3-cd]pyrene detected at 0.56 ppm with a SSSCO of 0.5 ppm.
        - NYSDEC representatives approved management of the slight exceedance from the western sidewall of the H12-13 excavation beneath engineering controls.

Excavation Work Plan Test Pitting

- On December 19, 2018 and February 5, 2019, additional site characterization samples were collected to define the required limits of the remedial excavation.
- The December 2018 and February 2019 results were compared to the SSSCOs and compiled with the historical sample results to identify the required lateral and vertical extents of the remedial excavation in accordance with the RWP.
- The defined excavation extents were presented to NYSDEC during the March and April coordination meetings.

Remedial Work Plan Task Progress; March and April 2019

Stockpile Management

- Approximately 1,200 CY of concrete debris and soil was transferred from stockpile in O8-P13 to M13 for mechanical processing.
- Approximately 1,600 CY of concrete debris and soil was mechanically processed:
  - Processed fill was placed in stockpile in H13-J14.
  - Concrete debris was placed in stockpile in E6-G10.
- Approximately 500 CY of clean fill was transferred from stockpile in P14 to I5.
- Approximately 420 tons of screened RCA drainage stone was imported through Stony Creek Services in Oceanside NY; (NYSDEC 360 Facility Permit #1-2820-01606/00001).
- Approximately 60 CY of clean concrete debris was received through Posillico Environnmental's Part 360 Registration #30W33R.

Bulkhead Installation

- Approximately 500 CY of oversized RCA was used to establish access adjacent to the bulkhead.
- The bulkhead contractor began mobilization on March 26, 2019.
  - The bulkhead contractor mobilized their tugboat, barge, and crane on Monday, April 1, 2019.
- On Thursday, April 3, 2019 the bulkhead contractor encountered an obstruction along the existing functional bulkhead, a second seaward bulkhead was found to be abandoned in-place below the mudline.
- The extents of the second seaward bulkhead was investigated and found to substantially obstruct the installation of the new bulkhead.
  - After investigation, the NYSDEC project manager was notified of the obstruction on Monday April 8, 2019.
- On April 8, 2019 NYSDEC notified PDC@HI that a bulkhead permit modification was required to accommodate the bulkhead obstruction.
- On Tuesday April 9th, PDC@HI hand-delivered the bulkhead permit modification request to NYSDEC.
- On Friday April 26th, PDC@HI received approval of the bulkhead permit modification request.

Storm Water Management

- Storm water management sumps were installed in grids J5, J11, P7, P11, N2, N5, N6, and P12.
- Retained storm water was pumped between storm water sumps and to geotextile filter bags and a recharge swale in K15-N15.

Clearing, Grubbing, and Grading

- Wet silty material was excavated from areas that consistently retained storm water in grids N10-N11 and O12-P13.
  - Wet silty material was placed in a soil bin in Q11-Q12 for drying.
  - The dried material was subsequently placed into a stockpile and tarped in grid P13-Q13 for off-site disposal.
- Grid areas N10-N11 and O12-P13 were backfilled with soil from the stockpile located in grid areas P13-Q13 per verbal NYSDEC approval.
  - An interim demarcation layer was placed below the backfill material per NYSDEC request.
- Grid areas O12-P14 were graded and compacted.

Demolition Activities

- The small building in area O14 was demolished.
  - The building was constructed primarily of concrete and steel. Concrete was placed in the concrete debris stockpile and steel was placed in a dumpster for off-site recycling.
- Tank pads #5 and #7 were sawcut into 8' x 11' slabs.
- A section of concrete slab from the former fuel rack area was demolished.

Modification or Changes to the Scope of Work

- There were no modifications or changes to the approved RWP scope of work during the reporting period.

Sampling and Other Data Received or Generated During the Reporting Period

Stockpile Sampling

The following pre-existing onsite stockpile identified as "Existing Broken Concrete and Rebar Pile" was mechanically processed to separate fines from the concrete debris stockpile. The stockpiled material was sampled in accordance with the frequency of the RWP:

Sample Date	Stockpile Origin	Volume (CY)	# of Samples (Grab/Composite)
4/17/2019	O11-Q12 Concrete Debris Overburden Stockpile (unprocessed)	1400	4/2
4/24/2019	O11-Q12 Concrete Debris Overburden Stockpile (Processed)	4700	10/5

April 17, 2019 Stockpile Sampling – Stockpile #1

- One stockpile of unprocessed concrete debris and soil with a measured volume of approximately 1,400 CY was sampled.
- On the day of sampling, four test pits were dug into the stockpile using an excavator. Samples were collected from within the test pits.
- Samples were stored in a laboratory provided ice-chilled cooler. Samples were transferred same-day to the Test America lab courier and transported to the NYS ELAP-accredited laboratory in Edison, New Jersey.
- Analytical results were compared to the SSSCOs for onsite reuse, the results are presented in Tables 7 and 8:
    - There were no exceedances detected in the four discrete VOC samples.
    - There were no exceedances detected in one of the two composite SVOC samples.
        - The volume of unprocessed concrete debris represented by the sample with no detected exceedances was approximately 900 CY.
            - Per NYSDEC verbal approval this material was consolidated with other approved backfill material approved for on-site reuse without restriction in grid area H4 –J5.
    - There were two slight exceedances detected in one sample location; benzo[b]fluoranthene at 1.2 ppm with an SSSCO of 1.0 ppm and indeno[1,2,3-cd]pyrene at 0.56 ppm with a SSSCO of 0.50 ppm.
        - The volume of unprocessed concrete debris represented by the slight exceedance was approximately 500 CY.
        - Per NYDEC verbal approval, this material will be mechanically screened, concrete debris will be stockpiled for on-site crushing and soil will be stockpiled for reuse on-site under engineering controls.

April 24, 2019 Stockpile Sampling – Stockpiles #2 & 3

- One stockpile of processed concrete debris and soil with a measured volume of approximately 4,700 CY was sampled.
- On the day of sampling, ten test pits were dug into the stockpile using an excavator. Samples were collected from within the test pits.
- Samples were stored in a laboratory provided ice-chilled cooler. Samples were transferred same-day to the Test America lab courier and transported to the NYS ELAP-accredited laboratory in Edison, New Jersey.
- Analytical results were compared to the SSSCOs for onsite reuse, the results are presented in Tables 9 and 10 and summarized below:

Stockpile #2 & 3 - O11-Q12 Concrete Debris Overburden Stockpile (Processed) – VOC Summary

Sample Location	Volume (CY)	# of Samples	Results Summary	SSSCO
Test Pits 1-10 (TP1 – TP10)	4700	10	VOC: <SSSCO	Restricted Use: Restricted Residential Protection of Groundwater +10 VOC TICs: 10 PPM

Stockpile #2 & 3 - O11-Q12 Concrete Debris Overburden Stockpile (Processed) – SVOC Summary

Sample Location	Volume (CY)	# of Samples	Results Summary	SSSCO
Composite Test Pits 1-2 (COM 1-2)	~1000	1	SVOC: Benzo[b]fluoranthene: 1.2 ppm Indeno[1,2,3-cd]pyrene: 1.6 ppm	SVOC: Benzo[b]fluoranthene: 1.0 ppm Indeno[1,2,3-cd]pyrene: 0.5 ppm
Composite Test Pits 3-4 (COM 3-4)	~1000	1	SVOC: Benzo[b]fluoranthene: 1.4 ppm Indeno[1,2,3-cd]pyrene: 0.73 ppm	SVOC: Benzo[b]fluoranthene: 1.0 ppm Indeno[1,2,3-cd]pyrene: 0.5 ppm
Composite Test Pits 5-6 (COM 5-6)	~1000	1	SVOC: <SSSCO	Restricted Use: Restricted Residential Protection of Groundwater +20 SVOC TICs: 100PPM
Composite Test Pits 7-8 (COM 7-8)	~1000	1	SVOC: Benzo[b]fluoranthene: 1.3 ppm	SVOC: Benzo[b]fluoranthene: 1.0 ppm
Composite Test Pits 9-10 (COM 9-10)	~1000	1	SVOC: Benzo[a]anthracene: 1.3 ppm Benzo[a]pyrene: 1.2 ppm Benzo[b]fluoranthene: 1.2 ppm Indeno[1,2,3-cd]pyrene: 1.6 ppm	SVOC: Benzo[a]anthracene: 1.0 ppm Benzo[a]pyrene: 1.0 ppm Benzo[b]fluoranthene: 1.0 ppm Indeno[1,2,3-cd]pyrene: 0.5 ppm

Stockpile #2 & 3 - O11-Q12 Concrete Debris Overburden Stockpile – Proposed Use

Sample Location	Proposed Use
Composite Test Pits 1-2 (COM 1-2)	Off-site Disposal
Composite Test Pits 3-4 (COM 3-4)	On-site Reuse Beneath Engineering Controls
Composite Test Pits 5-6 (COM 5-6)	On-site Reuse Without Restriction
Composite Test Pits 7-8 (COM 7-8)	On-site Reuse Beneath Engineering Controls
Composite Test Pits 9-10 (COM 9-10)	Off-site Disposal

Community Air Monitoring Program

- The Community Air Monitoring Program (CAMP) was performed during all ground intrusive activities.
- The CAMP results are summarized in the attached Community Air Monitoring Program Summary for March 2019 and the Community Air Monitoring Program Summary for April 2019.

Required Deliverables Submitted During the Reporting Period

- Weekly progress reports 001-006 were submitted during the reporting period

Actions Planned for the Next Reporting Period

- Establish remedial soil stockpile area
- Mobilize concrete crushing equipment
- Demolition of concrete slabs in former fuel rack area
- Demolition of concrete footings in M2-M12 and N8-P9
- Installation of 300 LF of bulkhead

Percentage of Work Completed and Any Delays

- Approximately 10% of the remedial scope of work is completed.
- The bulkhead obstruction and subsequent permit modification request review delayed the installation of the bulkhead. The bulkhead is approximately one month behind schedule. The bulkhead delay is not anticipated to delay the remedial excavation work.
- All remedial construction work will be completed by October 1, 2019.

Citizen Participation Plan Activities

- Weekly progress reports #001 through #006 were submitted to the public repository.
- No complaints were received during the reporting period.

If you have any questions or concerns, please feel free to contact me directly.

Regards,

James Smyth

Environmental Engineer
Posillico Development Co. at Harbor Island, Inc.

Attachments

cc: Hayley Schatz, New York State Department of Environmental Conservation (email)
Wendy Kuehner, P.E., New York State Department of Health (email)
Charlotte M. Bethoney, New York State Department of Health (email)
Christopher Battista, P.G., Roux Environmental Engineering and Geology, D.P.C. (email)
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Stephen Kaplan, P.G., VHB (email)
Christopher Rooney, VHB (email)

Table 1
Results for VOCs BY 8260C- Stockpile K6-L11 and P13-R14 Overburden #1-#3

Sample ID	NY 375-6.8(b)	PDC-SP-K6/L11-OB1-TP1		PDC-SP-K6/L11-OB1-TP3		PDC-SP-K6/L11-OB2-TP5		PDC-SP-K6/L11-OB2-TP6		PDC-SP-P13/R14-OB3-TP7		PDC-SP-P13/R14-OB3-TP9	
Sampling Date	Restricted Residential	11/14/2018		11/14/2018		11/14/2018		11/14/2018		11/14/2018		11/14/2018	
Matrix	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	1		1		1		1		1		1	
Unit	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID		460-169274-1		460-169274-2		460-169274-3		460-169274-4		460-169274-7		460-169274-8	
VOCs BY 8260C	Criteria	Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,1-Dichloroethane	26000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,1-Dichloroethene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,2,4-Trimethylbenzene	52000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,2-Dichlorobenzene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,2-Dichloroethane	3100	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,3,5-Trimethylbenzene	NA	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,3-Dichlorobenzene	49000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,4-Dichlorobenzene	13000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
1,4-Dioxane	13000	16	U	17	U	16	U	17	U	19	U	19	U
2-Butanone (MEK)	NA	2.4	J	1.1	J	1.5	J	4.6		4.7	U	4.7	U
Acetone	100000	27		46		150		50		4.7	U	4.7	U
Benzene	4800	0.82	U	0.84	U	0.79	U	0.83	U	0.54	J	0.95	U
Carbon tetrachloride	2400	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Chlorobenzene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Chloroform	49000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
cis-1,2-Dichloroethene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Ethylbenzene	41000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Methyl tert-butyl ether	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Methylene Chloride	100000	0.82	U	0.14	J	0.73	J	0.33	J	1.3		0.29	J
n-Butylbenzene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
N-Propylbenzene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
sec-Butylbenzene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
tert-Butylbenzene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Tetrachloroethene	19000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Toluene	100000	0.82	U	0.84	U	0.79	U	0.83	U	3.0		0.95	U
trans-1,2-Dichloroethene	100000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Trichloroethene	21000	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Vinyl chloride	900	0.82	U	0.84	U	0.79	U	0.83	U	0.94	U	0.95	U
Xylenes, Total	100000	1.6	U	1.7	U	1.6	U	1.7	U	0.35	J	1.9	U
Total Conc	NA	29.4		47.24		152.23		54.93		5.19		0.29	
Total Estimated Conc. (TICs)	10000**	8.3		0.0*T		0.0*T		46.6		30.2		0.0*T	

** Site Specific Soil Cleanup Objective
*T There are no TICs reported for the sample
* : LCS or LCSD is outside acceptance limits.
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 2
Results for SVOCs BY 8270D- Stockpile K6-L11 and P13-R14 Overburden #1-#3

Sample ID	NY 375-6.8(b)	PDC-SP-K6/L11-OB-TP1,2,6		PDC-SP-K6/L11-OB-TP3,4,5		PDC-SP-P13/R14-OB-TP7,8,9	
Sampling Date	Restricted Residential	11/14/2018		11/14/2018		11/14/2018	
Matrix	Soil Cleanup	Soil		Soil		Soil	
Dilution Factor	Criteria	1		1		1	
Units	ug/kg	ug/kg		ug/kg		ug/kg	
Lab Sample ID		460-169274-5		460-169274-6		460-169274-9	
SVOCs by 8270D	Criteria	Result		Result		Result	
2-Methylphenol	100000	380	U	380	U	470	U
3 & 4 Methylphenol	NA	23	J *	380	U *	470	U *
Acenaphthene	100000	40	J	380	U	470	U
Acenaphthylene	100000	47	J	21	J	45	J
Anthracene	100000	160	J	35	J	37	J
Benzo[a]anthracene	1000	450		180		260	
Benzo[a]pyrene	1000	480		200		330	
Benzo[b]fluoranthene	1000	650		280		430	
Benzo[g,h,i]perylene	100000	250	J	110	J	180	J
Benzo[k]fluoranthene	3900	250		130		200	
Chrysene	3900	550		230	J	380	J
Dibenz(a,h)anthracene	330	71		26	J	46	J
Dibenzofuran	59000	34	J	10	J	21	J
Fluoranthene	100000	960		330	J	500	
Fluorene	100000	65	J	10	J	19	J
Hexachlorobenzene	1200	38	U	38	U	47	U
Indeno[1,2,3-cd]pyrene	500	260		110		180	
Naphthalene	100000	65	J	47	J	61	J
Pentachlorophenol	6700	310	U	300	U	380	U
Phenanthrene	100000	620		150	J	200	J
Phenol	100000	380	U *	380	U *	470	U *
Pyrene	100000	790		300	J	450	J
Total Conc	NA	5765.0		2169.0		3339.0	
Total Estimated Conc. (TICs)	100000**	13330.0		0.0*T		13650.0	

**Site Specific Soil Cleanup Objectives
*T There are no TICs reported for the sample
J : Indicates an estimated value.
U : Analyzed for but not detected.
* : LCS or LCSD is outside acceptance limits.

Table 3
Results for VOCs BY 8260C- Post-Excavation J5-K5

Sample ID	NY 375-6.8(b)	PDC-PX-J5/K5-1B		PDC-PX-J5/K5-5W		PDC-PX-J5/K5-2N		PDC-PX-J5/K5-3E		PDC-PX-J5/K5-4S		PDC-SP-J5/K5-1N		PDC-SP-J5/K5-2S	
Sampling Date	Restricted Residential	12/12/2018		12/12/2018		12/12/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018	
Matrix	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	1		1		1		1		1		1		1	
Units	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID		460-171370-1		460-171370-3		460-171370-4		460-171482-6		460-171482-7		460-171482-8		460-171482-9	
VOCs BY 8260C	Criteria	Result		Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	100000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,1-Dichloroethane	26000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,1-Dichloroethene	100000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,2,4-Trimethylbenzene	52000	0.17	J	1.0	U	1.2	U	0.92	U	0.57	U	0.57	J	0.51	J
1,2-Dichlorobenzene	100000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,2-Dichloroethane	3100	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,3,5-Trimethylbenzene	NA	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,3-Dichlorobenzene	49000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,4-Dichlorobenzene	13000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
1,4-Dioxane	13000	25	U	20	U	24	U	18	U	11	U	19	U	20	U
2-Butanone (MEK)	NA	6.6		5.9		17		13		1.9	J	84		8.0	
Acetone	100000	34		31		78		13		18		150		76	
Benzene	4800	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.34	J	0.99	U
Carbon tetrachloride	2400	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Chlorobenzene	100000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Chloroform	49000	0.70	J	1.0	U	1.2	U	0.89	J	0.20	J	0.96	U	0.99	U
cis-1,2-Dichloroethene	100000	1.3	U *	1.0	U *	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Ethylbenzene	41000	1.3	U	1.0	U	0.27	J	0.92	U	0.57	U	0.34	J	0.99	U
Methyl tert-butyl ether	100000	1.3	U *	1.0	U *	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Methylene Chloride	100000	0.60	J	1.2		3.9		0.41	J	0.30	J	0.96	U	1.3	
n-Butylbenzene	100000	1.3	U	1.0	U	7.6		0.92	U	0.41	J	2.4		5.0	
N-Propylbenzene	100000	1.3	U	1.0	U	18		0.26	J	0.25	J	2.7		5.5	
sec-Butylbenzene	100000	1.3	U	1.0	U	14		0.32	J	0.51	J	4.0		6.5	
tert-Butylbenzene	100000	1.3	U	1.0	U	7.3		0.92	U *	0.20	J *	0.56	J *	0.73	J *
Tetrachloroethene	19000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Toluene	100000	1.3	U	1.0	U	1.2	U	0.92	U	0.48	J	3.7		0.99	U
trans-1,2-Dichloroethene	100000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Trichloroethene	21000	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Vinyl chloride	900	1.3	U	1.0	U	1.2	U	0.92	U	0.57	U	0.96	U	0.99	U
Xylenes, Total	100000	2.5	U	2.0	U	0.45	J	1.8	U	1.1	U	0.93	J	0.49	J
Total Conc	NA	42.07		38.1		146.52		27.88		22.25		249.54		104.03	
Total Estimated Conc. (TICs)	10000**	0.0*T		30.5		**10650.0**		36.4		370.0		1061.0		3040.0	

Highlighted concentrations shown in bold type face exceed SSSCOs
**Site Specific Soil Cleanup Objectives
*T There are no TICs reported for the sample
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 4
Results for SVOCs BY 8270D- Post-Excavation J5-K5

Sample ID	NY 375-6.8(b)	PDC-PX-J5/K5-1B		PDC-PX-J5/K5-5W		PDC-PX-J5/K5-2N		PDC-PX-J5/K5-3E		PDC-PX-J5/K5-4S		PDC-SP-J5-K5-1N	
Sampling Date	Restricted Residential	12/12/2018		12/12/2018		12/12/2018		12/14/2018		12/14/2018		12/14/2018	
Matrix	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	1		1		1		1		1		1	
Units	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID		460-171370-1		460-171370-3		460-171370-4		460-171482-6		460-171482-7		460-171482-10	
SVOCs BY 8270D	Criteria	Result		Result		Result		Result		Result		Result	
2-Methylphenol	100000	530	U	380	U	370	U	340	U	380	U	370	U
3 & 4 Methylphenol	NA	530	U	380	U	370	U	340	U	380	U	370	U
Acenaphthene	100000	530	U	380	U	360	J	27	J	39	J	100	J
Acenaphthylene	100000	530	U	380	U	370	U	15	J	380	U	60	J
Anthracene	100000	530	U	380	U	370	U	340	U	380	U	60	J
Benzo[a]anthracene	1000	26	J	21	J	29	J	34	U	38	U	77	
Benzo[a]pyrene	1000	17	J	13	J	21	J	15	J	38	U	80	
Benzo[b]fluoranthene	1000	25	J	21	J	35	J	21	J	38	U	110	
Benzo[g,h,i]perylene	100000	530	U	380	U	370	U	340	U	380	U	75	J
Benzo[k]fluoranthene	3900	14	J	38	U	37	U	34	U	38	U	34	J
Chrysene	3900	14	J	14	J	36	J	20	J	380	U	84	J
Dibenz(a,h)anthracene	330	53	U	38	U	37	U	34	U	38	U	18	J
Dibenzofuran	59000	530	U	380	U	370	U	37	J	12	J	140	J
Fluoranthene	100000	20	J	21	J	94	J	32	J	13	J	160	J
Fluorene	100000	530	U	380	U	500		76	J	380	U	250	J
Hexachlorobenzene	1200	53	U	38	U	37	U	34	U	38	U	37	U
Indeno[1,2,3-cd]pyrene	500	53	U	38	U	16	J	15	J	38	U	77	
Naphthalene	100000	530	U	380	U	370	U	340	U	11	J	50	J
Pentachlorophenol	6700	430	U	310	U	300	U	270	U	310	U	300	U
Phenanthrene	100000	530	U	380	U	370	U	240	J	26	J	700	
Phenol	100000	530	U	380	U	370	U	340	U	380	U	370	U
Pyrene	100000	43	J	26	J	250	J	45	J	380	U	210	J
Total Conc	NA	159.0		116.0		1341.0		543.0		101.0		2285.0	
Total Estimated Conc. (TICs)	100000**	5390.0		1020.0		62030.0		14120.0		5990.0		39690.0	

**Site Specific Soil Cleanup Objectives
* : LCS or LCSD is outside acceptance limits.
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 5
Results for VOCs BY 8260C- Post-Excavation H12-H13

Sample ID	NY 375-6.8(b)	PDC-PX-H12/H13-1N		PDC-PX-H12/H13-2E		PDC-PX-H12/H13-3S		PDC-PX-H12/H13-4W		PDC-SP-H12/H13-5B		PDC-PX-H12/13W	
Sampling Date	Restricted Residential	12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018		1/17/2019	
Matrix	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	1		1		1		1		1		1	
Units	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID		460-171482-1		460-171482-2		460-171482-3		460-171482-4		460-171482-5		460-173710-1	
VOCs BY 8260C	Criteria	Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,1-Dichloroethane	26000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,1-Dichloroethene	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,2,4-Trimethylbenzene	52000	0.95	U	0.87	U	1.7	U	0.70	J	3.9	U	0.98	U
1,2-Dichlorobenzene	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,2-Dichloroethane	3100	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,3,5-Trimethylbenzene	NA	0.95	U	0.87	U	1.7	U	0.33	J	0.73	J	0.98	U
1,3-Dichlorobenzene	49000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,4-Dichlorobenzene	13000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
1,4-Dioxane	13000	19	U	17	U	35	U	50	U	79	U	20	U
2-Butanone (MEK)	NA	3.0	J	8.6		21		15		12	J	5.5	
Acetone	100000	14		41		130		99		68		40	
Benzene	4800	0.33	J	0.87	U	0.99	J	0.69	J	3.9	U	0.98	U
Carbon tetrachloride	2400	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Chlorobenzene	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Chloroform	49000	1.3		0.87	U	1.7	U	2.5	U	3.5	J	0.98	U
cis-1,2-Dichloroethene	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Ethylbenzene	41000	0.95	U	0.87	U	0.36	J	2.5	U	1.1	J	0.98	U
Methyl tert-butyl ether	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Methylene Chloride	100000	0.49	J	0.39	J	1.1	J B	1.6	J	1.2	J	1.2	
n-Butylbenzene	100000	0.95	U	0.87	U	1.2	J	2.5	U	3.9	U	0.98	U
N-Propylbenzene	100000	0.95	U	0.87	U	1.3	J	2.5	U	3.9	U	0.98	U
sec-Butylbenzene	100000	0.95	U	0.87	U	2.0		2.5	U	3.9	U	0.98	U
tert-Butylbenzene	100000	0.95	U *	0.87	U *	0.56	J	2.5	U *	3.9	U *	0.98	U
Tetrachloroethene	19000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Toluene	100000	1.3		0.87	U	7.5		5.4		3.9	U	0.98	U
trans-1,2-Dichloroethene	100000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Trichloroethene	21000	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Vinyl chloride	900	0.95	U	0.87	U	1.7	U	2.5	U	3.9	U	0.98	U
Xylenes, Total	100000	1.9	U	0.37	J	1.5	J	1.7	J	7.9	U	2.0	U
Total Conc	NA	20.42		50.36		167.51		124.42		86.53		46.7	
Total Estimated Conc. (TICs)	10000**	0.0*T		51.9		6670.0		294.0		44.0		6.5	

**Site Specific Soil Cleanup Objectives
*T There are no TICs reported for the sample
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 6
Results for SVOCs BY 8270D- Post-Excavation H12-H13

Sample ID	NY 375-6.8(b)	PDC-PX-H12/H13-1N		PDC-PX-H12/H13-2E		PDC-PX-H12/H13-3S		PDC-PX-H12/H13-4W		PDC-PX-H12/H13-5B		PDC-PX-H12/13W	
Sampling Date	Restricted Residential	12/14/2018		12/14/2018		12/14/2018		12/14/2018		12/14/2018		1/19/2019	
Matrix	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	1		1		1		1		1		1	
Units	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID		460-171482-1		460-171482-2		460-171482-3		460-171482-4		460-171482-5		460-173710-1	
SVOCs BY 8270D	Criteria	Result		Result		Result		Result		Result		Result	
2-Methylphenol	100000	410	U	420	U	540	U	890	U	1100	U	380	U
3 & 4 Methylphenol	NA	410	U	24	J	540	U	48	J	57	J	380	U
Acenaphthene	100000	78	J	35	J	340	J	160	J	1100	U	85	J *
Acenaphthylene	100000	63	J	32	J	190	J	890	U	1100	U	13	J
Anthracene	100000	490		190	J	300	J	150	J	82	J	230	J
Benzo[a]anthracene	1000	1000		240		400		200		110	U	820	
Benzo[a]pyrene	1000	870		210		300		200		110		800	
Benzo[b]fluoranthene	1000	**1100**		330		530		320		190		940	
Benzo[g,h,i]perylene	100000	500		110	J	220	J	130	J	120	J	560	
Benzo[k]fluoranthene	3900	420		110		150		160		65	J	410	
Chrysene	3900	1000		270	J	580		280	J	160	J	810	
Dibenz(a,h)anthracene	330	150		29	J	58		53	J	110	U	140	
Dibenzofuran	59000	56	J	110	J	370	J	98	J	1100	U	120	J
Fluoranthene	100000	2300		610		1200		420	J	290	J	1600	
Fluorene	100000	150	J	110	J	760		180	J	140	J	100	J
Hexachlorobenzene	1200	41	U	42	U	54	U	89	U	110	U	38	U
Indeno[1,2,3-cd]pyrene	500	**590**		110		250		160		130		**560**	
Naphthalene	100000	13	J	100	J	65	J	360	J	520	J	130	J
Pentachlorophenol	6700	330	U	340	U *	430	U	720	U	860	U	300	U
Phenanthrene	100000	1600		500		3400		470	J	320	J	530	
Phenol	100000	410	U	420	U	540	U	890	U	1100	U	380	U
Pyrene	100000	2300		510		1400		460	J	330	J	1600	
Total Conc	NA	12680.0		3630.0		10513.0		3849.0		2514.0		9448.0	
Total Estimated Conc. (TICs)	100000**	11900.0		22680.0		49810.0		**162900.0**		89800.0		3710.0	

Highlighted concentrations shown in bold type face exceed SSSCOs
**Site Specific Soil Cleanup Objectives
* : LCS or LCSD is outside acceptance limits.
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 7

Results for VOCs BY 8260C - Stockpile #1 - O11-Q12 Concrete Debris Overburden Stockpile (unprocessed) - Test Pits 1-4

Sample ID	NY 375-6.8(b)	NY 375-6.8(b)	PDC-SP1-O11/Q12-CD1B		PDC-SP1-O11/Q12-CD2B		PDC-SP1-O11/Q12-CD3A		PDC-SP1-O11/Q12-CD4A	
Sampling Date	Restricted Residential	GW	4/17/2019		4/17/2019		4/17/2019		4/17/2019	
Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	Criteria	1		1		1		1	
Unit	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID			460-179849-1		460-179849-2		460-179849-3		460-179849-4	
VOCs BY 8260C	Criteria	Criteria	Result		Result		Result		Result	
1,1,1-Trichloroethane	100000	680	0.93	U	0.91	U	0.91	U	0.97	U
1,1-Dichloroethane	26000	270	0.93	U	0.91	U	0.91	U	0.97	U
1,1-Dichloroethene	100000	330	0.93	U	0.91	U	0.91	U	0.97	U
1,2,4-Trimethylbenzene	52000	3600	0.20	J	3.1		4.3		0.58	J
1,2-Dichlorobenzene	100000	1100	0.93	U	0.91	U	0.91	U	0.97	U
1,2-Dichloroethane	3100	20	0.93	U	0.91	U	0.91	U	0.97	U
1,3,5-Trimethylbenzene	NA	NA	0.93	U	0.68	J	1.2		0.33	J
1,3-Dichlorobenzene	49000	2400	0.93	U	0.91	U	0.91	U	0.97	U
1,4-Dichlorobenzene	13000	1800	0.93	U	0.91	U	0.91	U	0.97	U
1,4-Dioxane	13000	100	19	U	18	U	18	U	19	U
2-Butanone (MEK)	NA	300	1.5	J	6.7		4.6		2.3	J
Acetone	100000	50	38		87		47		47	
Benzene	4800	60	0.93	U	0.31	J	0.91	U	0.63	J
Carbon tetrachloride	2400	760	0.93	U	0.91	U	0.91	U	0.97	U
Chlorobenzene	100000	1100	0.93	U	0.91	U	0.91	U	0.97	U
Chloroform	49000	370	0.93	U	0.91	U	0.91	U	0.97	U
cis-1,2-Dichloroethene	100000	250	0.93	U	0.91	U	0.91	U	0.97	U
Ethylbenzene	41000	1000	0.93	U	0.44	J	0.70	J	0.97	U
Methyl tert-butyl ether	100000	930	0.93	U	0.91	U	0.91	U	0.97	U
Methylene Chloride	100000	50	0.31	J	0.24	J	0.49	J	0.26	J
n-Butylbenzene	100000	12000	0.93	U	0.91	U	0.98		0.97	U
N-Propylbenzene	100000	3900	0.93	U	0.56	J	0.83	J	0.97	U
sec-Butylbenzene	100000	11000	0.93	U	0.80	J	0.78	J	0.97	U
tert-Butylbenzene	100000	5900	0.20	J	0.91	U	0.29	J	0.26	J
Tetrachloroethene	19000	1300	0.93	U	0.91	U	0.91	U	0.97	U
Toluene	100000	700	0.93	U	0.91	U	0.92		1.9	
trans-1,2-Dichloroethene	100000	190	0.93	U	0.91	U	0.91	U	0.97	U
Trichloroethene	21000	470	0.93	U	0.91	U	0.91	U	0.97	U
Vinyl chloride	900	20	0.93	U	0.91	U	0.91	U	0.97	U
Xylenes, Total	100000	1600	1.9	U	1.4	J	3.0		0.48	J
Total Conc	NA	NA	40.21		101.23		65.09		53.74	
Total Estimated Conc. (TICs)	10000**	10000**	374.0		1080.0		897.0		626.0	

** Site Specific Soil Cleanup Objective
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 8

Results for SVOCs BY 8270D - Stockpile #1 - O11-Q12 Concrete Debris Overburden Stockpile (unprocessed) - Test Pits 1-4

Sample ID	NY 375-6.8(b)	NY 375-6.8(b)	PDC-SP1-CD12B Comp		PDC-SP1-CD34A-Comp	
Sampling Date	Restricted Residential	GW	4/17/2019		4/17/2019	
Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil	
Dilution Factor	Criteria	Criteria	1		1	
Units	ug/kg	ug/kg	ug/kg		ug/kg	
Lab Sample ID			460-179849-5		460-179849-6	
SVOCs by 8270D	Criteria	Criteria	Result		Result	
2-Methylphenol	100000	330	390	U	400	U
3 & 4 Methylphenol	NA	NA	390	U	400	U
Acenaphthene	100000	98000	180	J	140	J
Acenaphthylene	100000	107000	64	J	80	J
Anthracene	100000	1000000	290	J	150	J
Benzo[a]anthracene	1000	1000	850		330	
Benzo[a]pyrene	1000	22000	830		300	
Benzo[b]fluoranthene	1000	1700	**1200**		480	
Benzo[g,h,i]perylene	100000	1000000	510		210	J
Benzo[k]fluoranthene	3900	1700	380		170	
Chrysene	3900	1000	1000		420	
Dibenz(a,h)anthracene	330	1000000	150		51	
Dibenzofuran	59000	6200	80	J	68	J
Fluoranthene	100000	1000000	1600		830	
Fluorene	100000	386000	150	J	120	J
Hexachlorobenzene	1200	1400	39	U	40	U
Indeno[1,2,3-cd]pyrene	500	8200	**560**		230	
Naphthalene	100000	12000	84	J	130	J
Pentachlorophenol	6700	800	310	U	330	U
Phenanthrene	100000	1000000	1200		570	
Phenol	100000	330	390	U	400	U
Pyrene	100000	1000000	1900		930	
Total Conc	NA	NA	11028.0		5209.0	
Total Estimated Conc. (TICs)	100000**	100000**	25470.0		26580.0	

Highlighted concentrations shown in bold type face exceed SSSCOs
**Site Specific Soil Cleanup Objectives
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 9

Results for VOCs BY 8260C - Stockpiles #2 & #3 - O11-Q12 Concrete Debris Overburden Stockpile (Processed) - Test Pits 1-10

Sample ID	NY 375-6.8(b)	NY 375-6.8(b)	PDC-SP-O11/Q12-CD2-TP1		PDC-SP-O11/Q12-CD2-TP2		PDC-SP-O11/Q12-CD2-TP3		PDC-SP-O11/Q12-CD2-TP4		PDC-SP-O11/Q12-CD2-TP5		PDC-SP-O11/Q12-CD3-TP6		PDC-SP-O11/Q12-CD3-TP7	
Sampling Date	Restricted Residential	GW	4/24/2019		4/24/2019		4/24/2019		4/24/2019		4/24/2019		4/24/2019		4/24/2019	
Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	Criteria	1		1		1		1		1		1		1	
Units	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID			460-180339-1		460-180339-2		460-180339-3		460-180339-4		460-180339-5		460-180339-6		460-180339-7	
VOCs BY 8260C	Criteria	Criteria	Result		Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	100000	680	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,1-Dichloroethane	26000	270	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,1-Dichloroethene	100000	330	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,2,4-Trimethylbenzene	52000	3600	0.93	U	1.1	U	0.12	J	0.93	U	1.0	U	1.1	U	0.96	U
1,2-Dichlorobenzene	100000	1100	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,2-Dichloroethane	3100	20	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,3,5-Trimethylbenzene	NA	NA	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,3-Dichlorobenzene	49000	2400	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,4-Dichlorobenzene	13000	1800	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
1,4-Dioxane	13000	100	19	U	21	U	22	U	19	U	20	U	23	U	19	U
2-Butanone (MEK)	NA	300	4.7	U	1.3	J	14		4.6	U	5.0	U	5.7	U	4.8	U
Acetone	100000	50	4.7	U	39		120		8.7		5.0	U	32		5.4	
Benzene	4800	60	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Carbon tetrachloride	2400	760	0.93	U	1.1	U	1.1	U	0.28	J	1.0	U	1.1	U	0.96	U
Chlorobenzene	100000	1100	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Chloroform	49000	370	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
cis-1,2-Dichloroethene	100000	250	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Ethylbenzene	41000	1000	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Methyl tert-butyl ether	100000	930	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Methylene Chloride	100000	50	0.93	U	1.1	U	1.1	U	0.17	J	0.29	J	1.1	U	0.96	U
n-Butylbenzene	100000	12000	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
N-Propylbenzene	100000	3900	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
sec-Butylbenzene	100000	11000	0.93	U	1.1	U	0.12	J	0.93	U	1.0	U	1.1	U	0.96	U
tert-Butylbenzene	100000	5900	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Tetrachloroethene	19000	1300	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Toluene	100000	700	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
trans-1,2-Dichloroethene	100000	190	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Trichloroethene	21000	470	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Vinyl chloride	900	20	0.93	U	1.1	U	1.1	U	0.93	U	1.0	U	1.1	U	0.96	U
Xylenes, Total	100000	1600	1.9	U	2.1	U	2.2	U	1.9	U	2.0	U	2.3	U	1.9	U
Total Conc	NA	NA	0.0		40.3		134.24		9.15		0.29		32.0		5.4	
Total Estimated Conc. (TICs)	10000**	10000**	0.0*T		0.0*T		18.1		0.0*T		0.0*T		0.0*T		0.0*T	

**Site Specific Soil Cleanup Objectives
*T There are no TICs reported for the sample
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 9 Continued
Results for VOCs BY 8260C - Stockpiles #2 & #3 - O11-Q12 Concrete Debris Overburden Stockpile (Processed) - Test Pits 1-10

Sample ID	NY 375-6.8(b)	NY 375-6.8(b)	PDC-SP-O11/Q12-CD3-TP8		PDC-SP-O11/Q12-CD3-TP9		PDC-SP-O11/Q12-CD3-TP10	
Sampling Date	Restricted Residential	GW	4/24/2019		4/24/2019		4/24/2019	
Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil	
Dilution Factor	Criteria	Criteria	1		1		1	
Units	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg	
Lab Sample ID			460-180339-8		460-180339-9		460-180339-10	
VOCs BY 8260C	Criteria	Criteria	Result		Result		Result	
1,1,1-Trichloroethane	100000	680	1.1	U	0.94	U	1.3	U
1,1-Dichloroethane	26000	270	1.1	U	0.94	U	1.3	U
1,1-Dichloroethene	100000	330	1.1	U	0.94	U	1.3	U
1,2,4-Trimethylbenzene	52000	3600	1.1	U	0.94	U	1.3	U
1,2-Dichlorobenzene	100000	1100	1.1	U	0.94	U	1.3	U
1,2-Dichloroethane	3100	20	1.1	U	0.94	U	1.3	U
1,3,5-Trimethylbenzene	NA	NA	1.1	U	0.94	U	1.3	U
1,3-Dichlorobenzene	49000	2400	1.1	U	0.94	U	1.3	U
1,4-Dichlorobenzene	13000	1800	1.1	U	0.94	U	1.3	U
1,4-Dioxane	13000	100	21	U	19	U	25	U
2-Butanone (MEK)	NA	300	5.3	U	4.7	U	6.4	U
Acetone	100000	50	5.3	U	16		33	
Benzene	4800	60	1.1	U	0.94	U	1.3	U
Carbon tetrachloride	2400	760	1.1	U	0.94	U	0.32	J
Chlorobenzene	100000	1100	1.1	U	0.94	U	1.3	U
Chloroform	49000	370	1.1	U	0.94	U	1.3	U
cis-1,2-Dichloroethene	100000	250	1.1	U	0.94	U	1.3	U
Ethylbenzene	41000	1000	1.1	U	0.94	U	1.3	U
Methyl tert-butyl ether	100000	930	1.1	U	0.94	U	1.3	U
Methylene Chloride	100000	50	1.1	U	0.44	J	1.3	U
n-Butylbenzene	100000	12000	1.1	U	0.94	U	1.3	U
N-Propylbenzene	100000	3900	1.1	U	0.94	U	1.3	U
sec-Butylbenzene	100000	11000	1.1	U	0.94	U	1.3	U
tert-Butylbenzene	100000	5900	1.1	U	0.94	U	1.3	U
Tetrachloroethene	19000	1300	1.1	U	0.94	U	1.3	U
Toluene	100000	700	1.1	U	0.94	U	1.3	U
trans-1,2-Dichloroethene	100000	190	1.1	U	0.94	U	1.3	U
Trichloroethene	21000	470	1.1	U	0.94	U	1.3	U
Vinyl chloride	900	20	1.1	U	0.94	U	1.3	U
Xylenes, Total	100000	1600	2.1	U	1.9	U	2.5	U
Total Conc	NA	NA	0.0		16.44		33.32	
Total Estimated Conc. (TICs)	10000**	10000**	6.0		863.0		0.0*T	

**Site Specific Soil Cleanup Objectives
*T There are no TICs reported for the sample
J : Indicates an estimated value.
U : Analyzed for but not detected.

Table 10

Results for SVOCs BY 8270D - Stockpiles #2 & #3 - O11-Q12 Concrete Debris Overburden Stockpile (Processed) - Test Pits 1-10

Sample ID	NY 375-6.8(b)	NY 375-6.8(b)	PDC-SP-O11/Q12-CD2-COM 1-2		PDC-SP-O11/Q12-CD2-COM 3-4		PDC-SP-O11/Q12-CD2-COM 5-6		PDC-SP-O11/Q12-CD3-COM 7-8		PDC-SP-O11/Q12-CD3-COM 9-10	
Sampling Date	Restricted Residential	GW	4/24/2019		4/24/2019		4/24/2019		4/24/2019		4/24/2019	
Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil		Soil	
Dilution Factor	Criteria	Criteria	1		1		1		1		1	
Units	ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Lab Sample ID			460-180339-11		460-180339-12		460-180339-13		460-180339-14		460-180339-15	
SVOCs BY 8270D	Criteria	Criteria	Result		Result		Result		Result		Result	
2-Methylphenol	100000	330	360	U	380	U	370	U	380	U	380	U
3 & 4 Methylphenol	NA	NA	360	U	380	U	370	U	380	U	380	U
Acenaphthene	100000	98000	90	J	110	J	41	J	120	J	260	J
Acenaphthylene	100000	107000	270	J	170	J	110	J	140	J	190	J
Anthracene	100000	1000000	500		380		150	J	290	J	520	
Benzo[a]anthracene	1000	1000	670		910		330		820		**1300**	
Benzo[a]pyrene	1000	22000	960		960		380		730		**1200**	
Benzo[b]fluoranthene	1000	1700	**1200**		**1400**		630		**1300**		**2100**	
Benzo[g,h,i]perylene	100000	1000000	2000		850		420		390		530	
Benzo[k]fluoranthene	3900	1700	410		580		250		490		770	
Chrysene	3900	1000	730		1000		400		910		1300	
Dibenz(a,h)anthracene	330	1000000	310		130		62		73		120	
Dibenzofuran	59000	6200	37	J	37	J	14	J	52	J	110	J
Fluoranthene	100000	1000000	1400		1600		850		1900		2600	
Fluorene	100000	386000	89	J	94	J	56	J	110	J	230	J
Hexachlorobenzene	1200	1400	36	U	38	U	37	U	38	U	38	U
Indeno[1,2,3-cd]pyrene	500	8200	**1600**		**730**		380		440		**650**	
Naphthalene	100000	12000	180	J	190	J	110	J	100	J	240	J
Pentachlorophenol	6700	800	290	U	310	U	300	U	300	U	300	U
Phenanthrene	100000	1000000	610		710		470		930		1800	
Phenol	100000	330	360	U	380	U	370	U	380	U	380	U
Pyrene	100000	1000000	1200		1500		640		1600		2400	
Total Conc	NA	NA	12256.0		11351.0		5293.0		10395.0		16320.0	
Total Estimated Conc. (TICs)	100000**	100000**	33250.0		19560.0		18580.0		33560.0		22300.0	

Highlighted concentrations shown in bold type face exceed SSSCOs
**Site Specific Soil Cleanup Objectives
J : Indicates an estimated value.
U : Analyzed for but not detected.

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Community Air Monitoring Program (CAMP)
March 2019

CAMP Summary

The CAMP program resumed on Wednesday, March 20, 2019 with spring project remobilization. This report summarizes the CAMP data from March 20 to March 29, 2019.

There were two CAMP action limits triggered during the reporting period. The details of these action limits are summarized herein.

Because of measurement fluctuations the photoionization devices (PID) for each monitoring station were swapped with rental units and sent in for factory calibration.

CAMP Monitoring Station Locations

Date	Primary Wind Direction	Monitoring Station Location			
		Base Station	Upwind #1	Downwind #2	Downwind #3
03/20/2019	Southwest	B7	G12	K1	N1
03/21/2019	East	B7	N6	H7	G13
03/22/2019	East	B7	H2	N5	M14
03/25/2019	North	B7	L1	J15	M14
03/26/2019	North to Northeast	B7	M1	J15	M14
03/27/2019	Northeast to Southeast	B7	M1 to N14	G13 to G11	J15 to G3
03/28/2019	Southwest	B7	N14	N8	J1
03/29/2019	Southwest	B7	L14	N5	K2

CAMP Action Levels, Alarms, and Corrective Actions

Action Levels

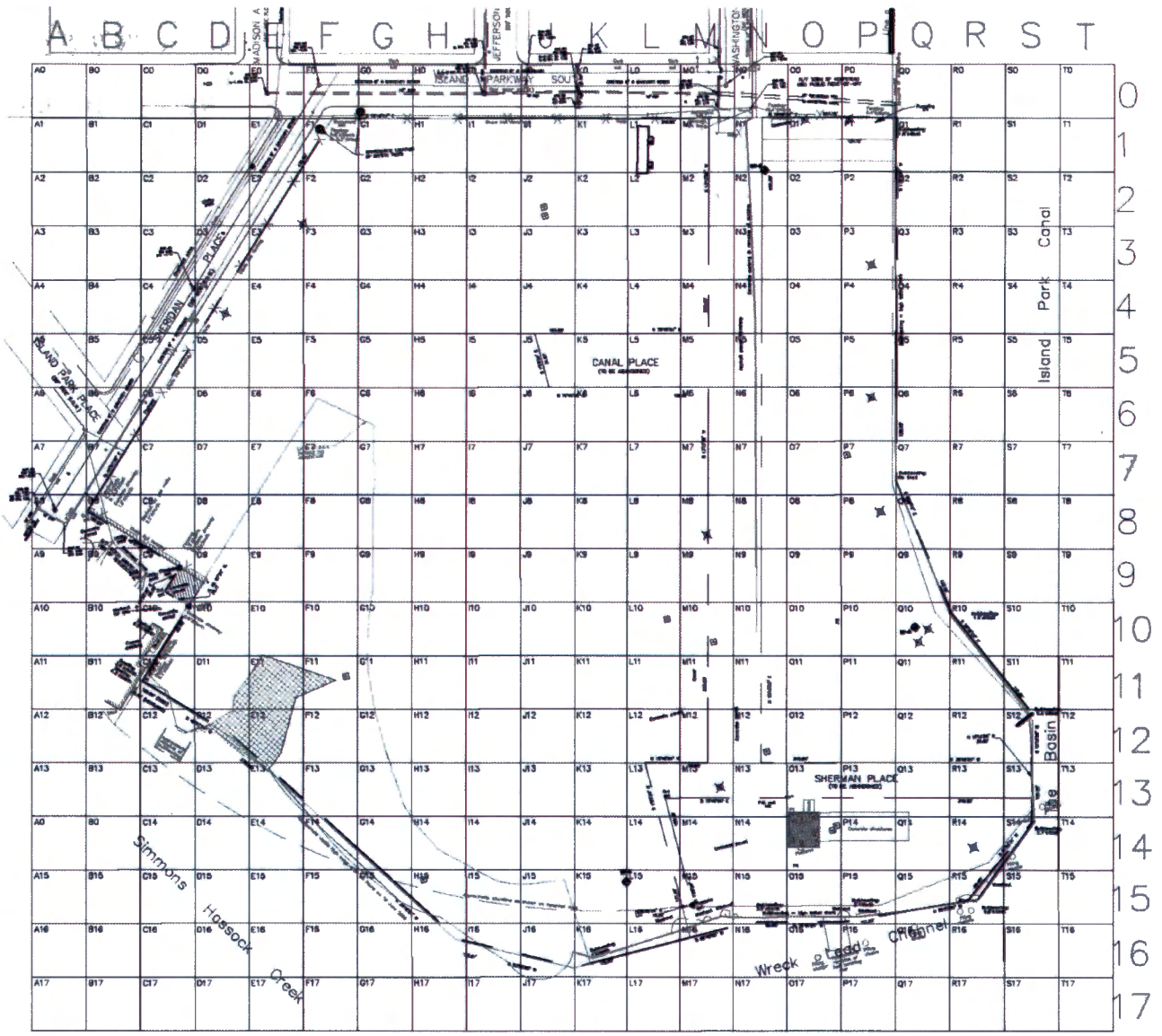
Constituent	CAMP Action Levels (Over Upwind Ambient)		
	Mitigate	Stop Work & Mitigate	Stop Work
Particulate Matter (PM-10)	100 µg/m^3	150 µg/m^3	-
Volatile Organic Compounds (VOCs)	-	5 PPM	25 PPM

CAMP Alarms and Corrective Actions

Date	Constituent	Corrected Reading	Corrective Action
03/26/2019	PM-10	160 µg/m3	Area was wet down and work activities were resumed
03/27/2019	VOC	14.02 ppm	None- readings decreased when fuel truck drove offsite

A scanned copy of each CAMP alarm form is attached.

Site Map



CAMP Summary Graphs

Attached are graphs of the recorded data for both airborne particulate matter (PM-10) and VOCs for the four CAMP monitoring stations.

CAMP Action Limit Reports

March, 2019

CAMP ACTION LIMIT REPORT

Project Location: Former CIBRO Oil Terminal; 7 Washington Ave., Island Park NY 11558

Date: 3/26/2018 Time: 11:18

Name: Marie Baietto

Alarm Type: PM-10: [X] VOC: [ ]

Wind Speed: 9 MPH Wind Direction: Northeast

Temperature: 41 F Barometric Pressure:

DOWNWIND DATA

Monitor ID #: Downwind #3 Location: J15 Level Reported: 0.164

Monitor ID#: Location: Level Reported:

UPWIND DATA

Monitor ID #: Upwind #1 Location: M1 Level Reported: 0.0041

Monitor ID#: Location: Level Reported:

BACKGROUND CORRECTED LEVELS

Monitor ID #: Downwind #3 Location: J15 Level Reported: 0.1599

Monitor ID#: Location: Level Reported:

ACTIVITY DESCRIPTION

At approximately 1100, the 966G payloader was moving screened fill from the screening plant on concrete tank pad #12 to the stockpile in areas I14-J13. The payloader drove from the tank pad to the equipment access road which lead it up a small ramp to move the load in area I14. There was a gust of wind that blew dust from the road that had been disturbed by the payloader to the Downwind #3 station. Work was stopped briefly and moved to another area in order to assess what had occurred.

CORRECTIVE ACTION TAKEN

Before starting screening work again, the payloader was used to wet down both the concrete tank pad and the equipment access road leading up tothe short ramp to the stockpile. The pad and roads were wetted down with standing water from a standing water pool in areas H12-H14.

CAMP ACTION LIMIT REPORT

Project Location: Former CIBRO Oil Terminal; 7 Washington Ave., Island Park NY 11558

Date: 3/27/2018 Time: 815

Name: Marie Baietto

Alarm Type: PM-10: [ ] VOC: [X]

Wind Speed: 11 mph Wind Direction: Northeast

Temperature: 35 F Barometric Pressure: 30.5 inhg

DOWNWIND DATA

Monitor ID #: Downwind #1 Location: J15 Level Reported: 14.1 ppm

Monitor ID#: Location: Level Reported:

UPWIND DATA

Monitor ID #: Upwind #1 Location: M1 Level Reported: 0.084 ppm

Monitor ID#: Location: Level Reported:

BACKGROUND CORRECTED LEVELS

Monitor ID #: Downwind #1 Location: J15 Level Reported: 14.02 ppm

Monitor ID#: Location: Level Reported:

ACTIVITY DESCRIPTION

At the time of the alarm, ground intrusive work activities were not taking place. The fuel truck was refueling equipment and parked near the monitoring station in area J13.

CORRECTIVE ACTION TAKEN

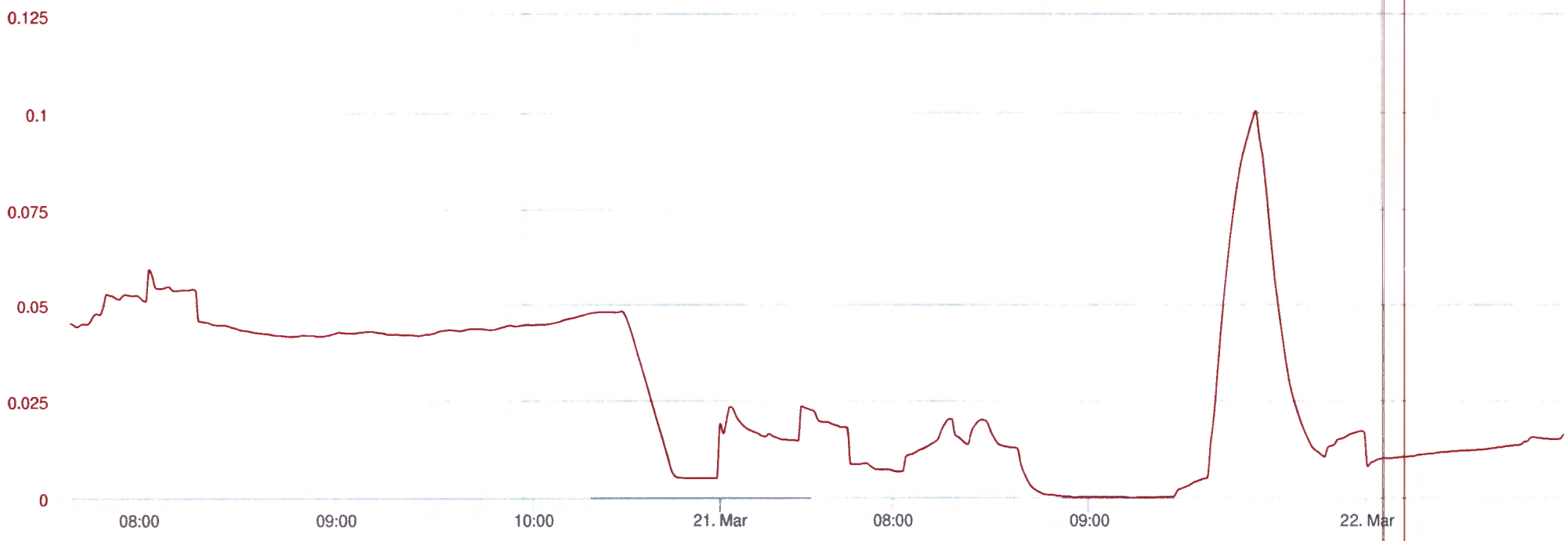
VOC levels returned to normal after 830 when the fuel truck left the site. Work resumed as usual.

CAMP Monitoring Data
March, 2019

Particulate Matter

enviro net

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0	**0.027**	**0.1003**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

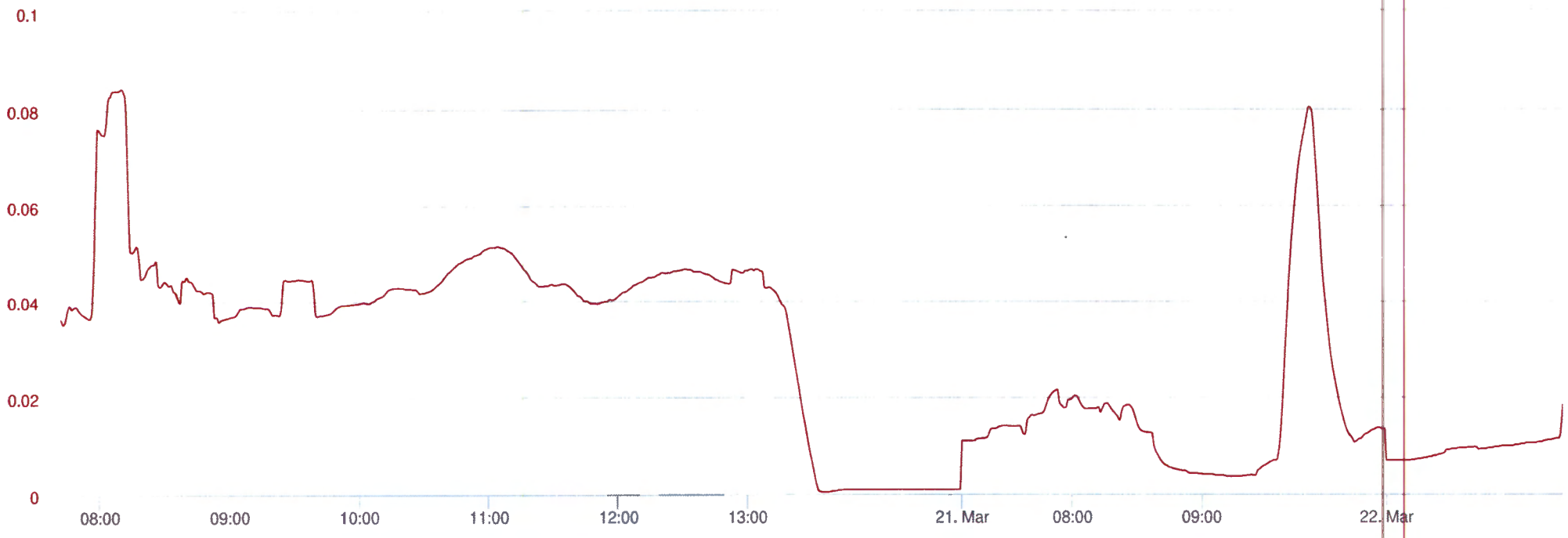
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.001	**0.0178**	**0.062**

Name Upwind Monitor #1
S/N 0B400736
Description Harbor Isle Upwind #1
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



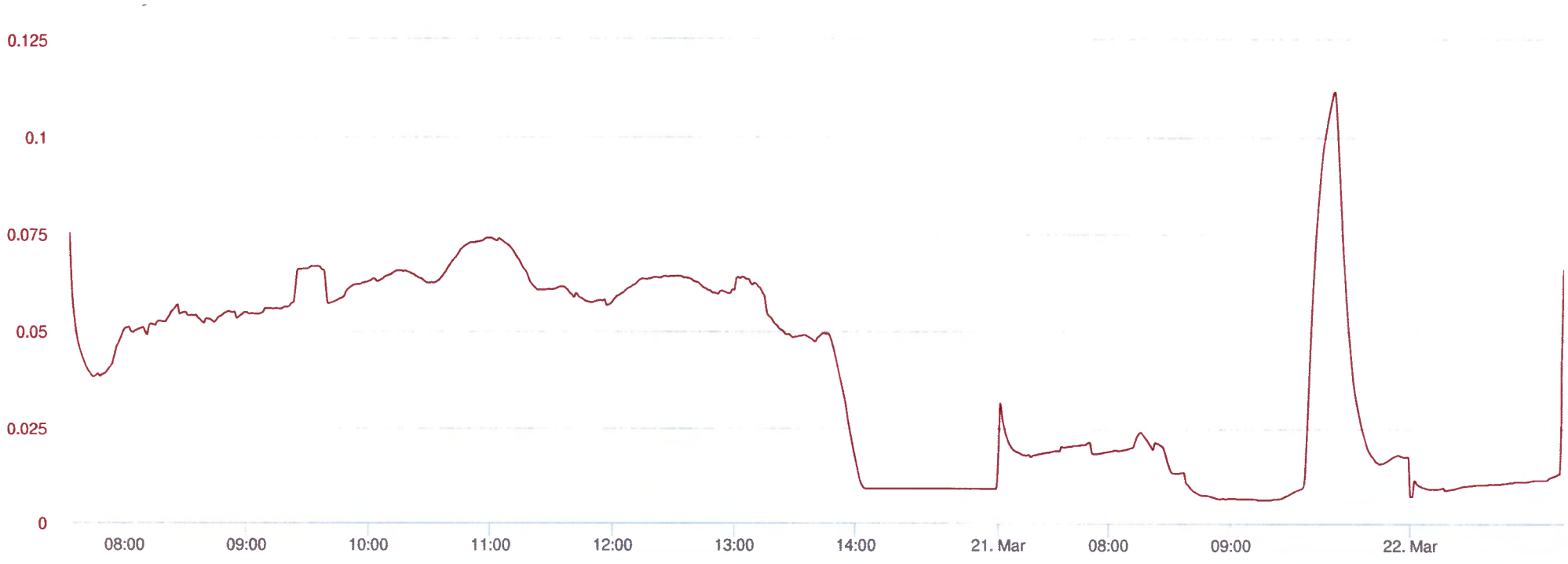
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0005	**0.028**	**0.0843**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



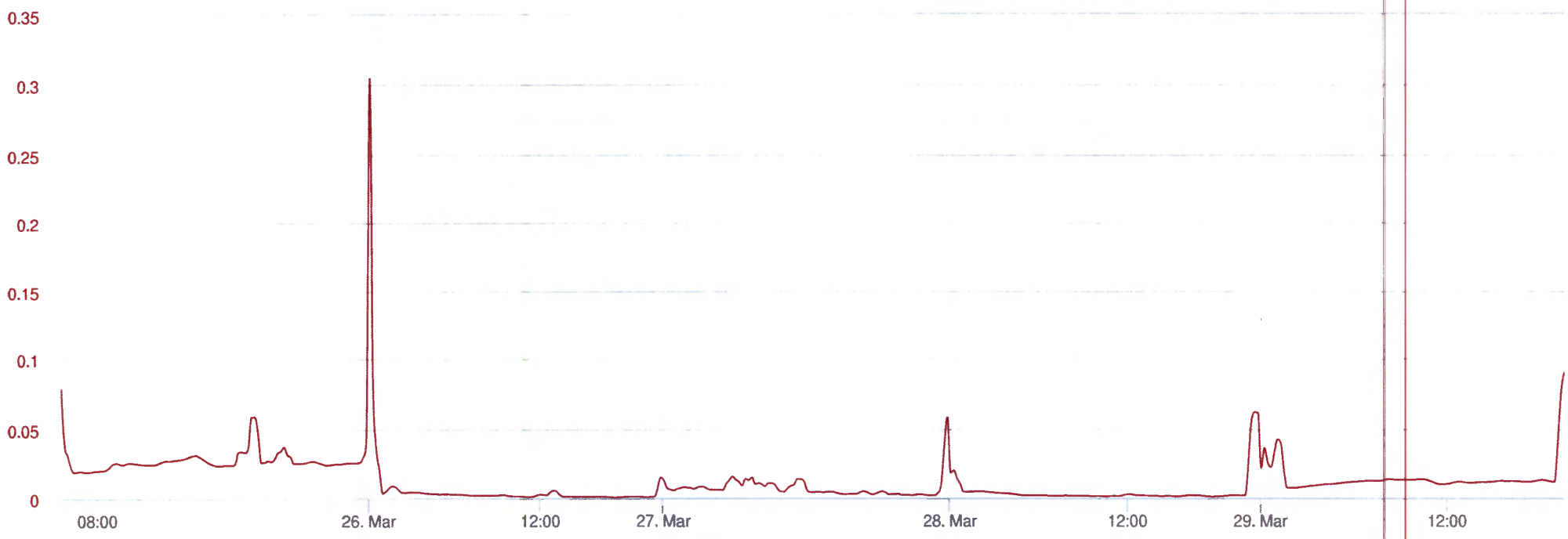
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0061	**0.0387**	**0.1118**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



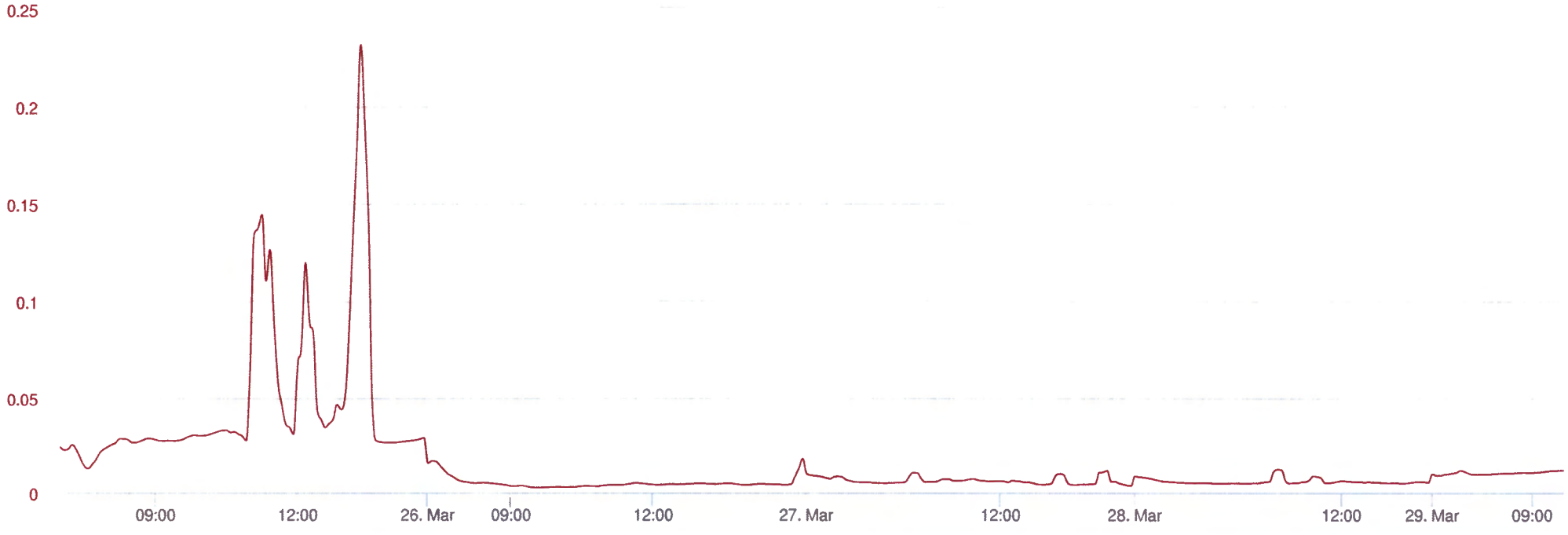
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0005	**0.0115**	**0.305**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



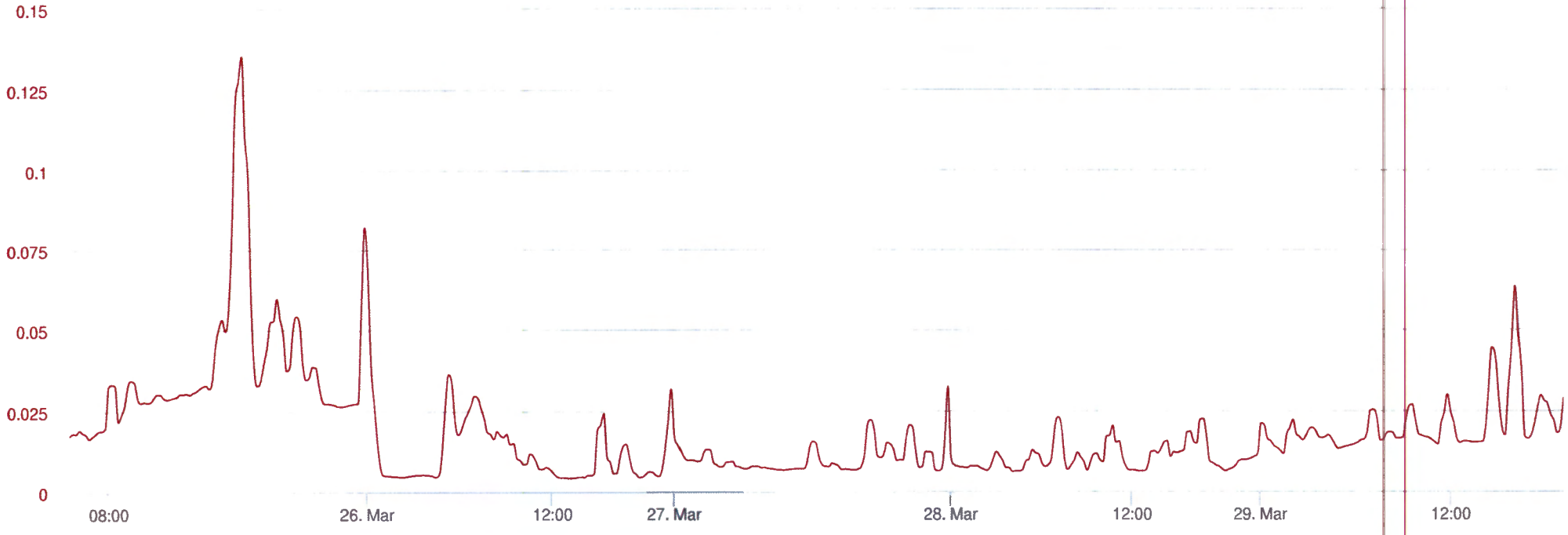
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0027	**0.0165**	**0.2424**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



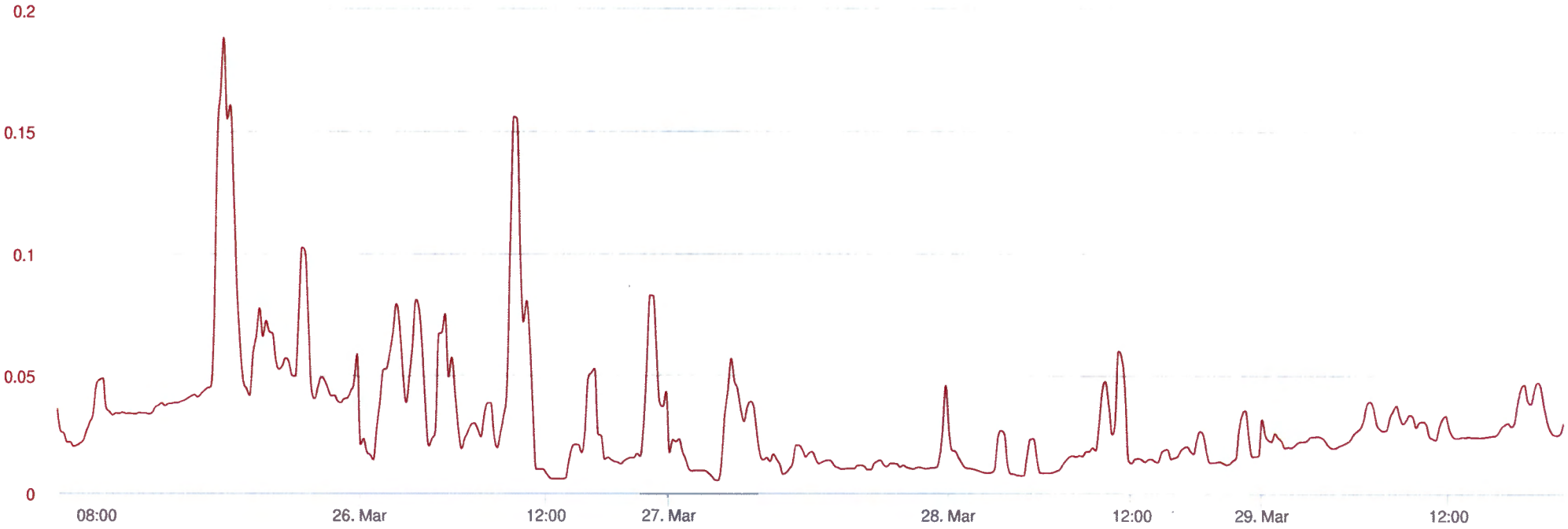
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0041	**0.0185**	**0.1493**

Name Downwind Monitor #2
S/N 0B400567
Description Harbor Isle Downwind #2
Location 7 Washington Pl, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0051	**0.0305**	**0.1974**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	7 Washington Pl, Island Park, NY 11558, USA

CAMP Monitoring Data
March, 2019

Volatile Organic Compounds

enviro net

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

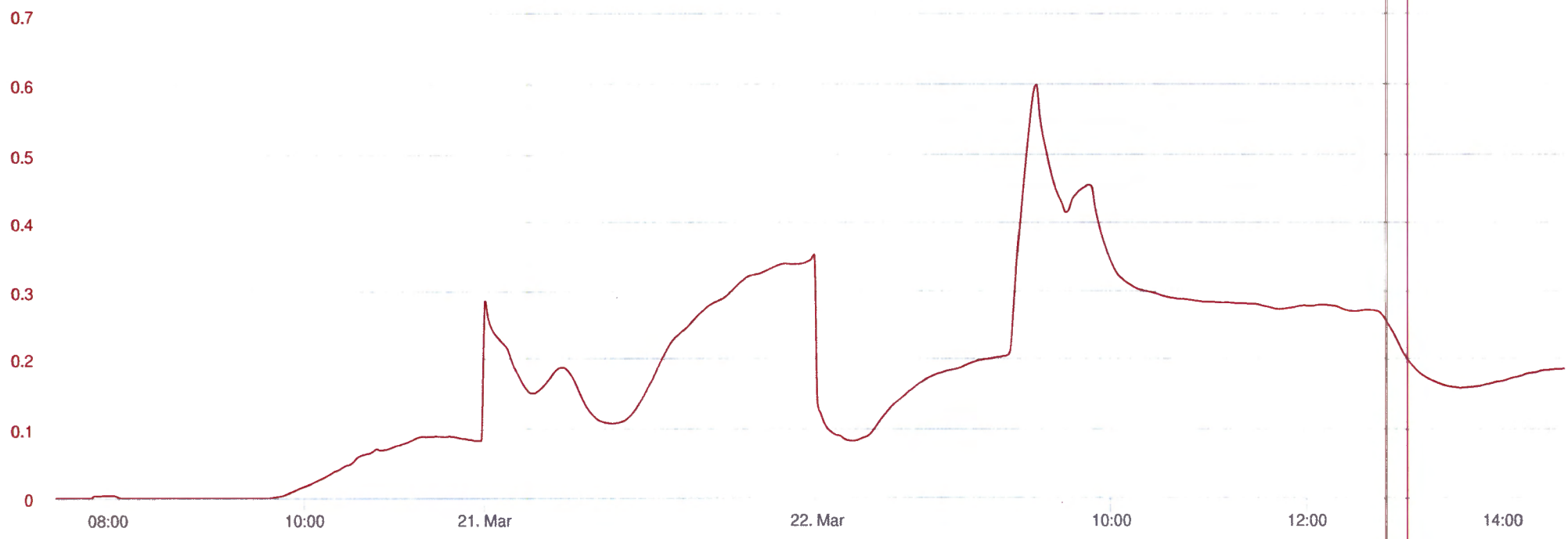
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0285	**0.3712**	**1.0449**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



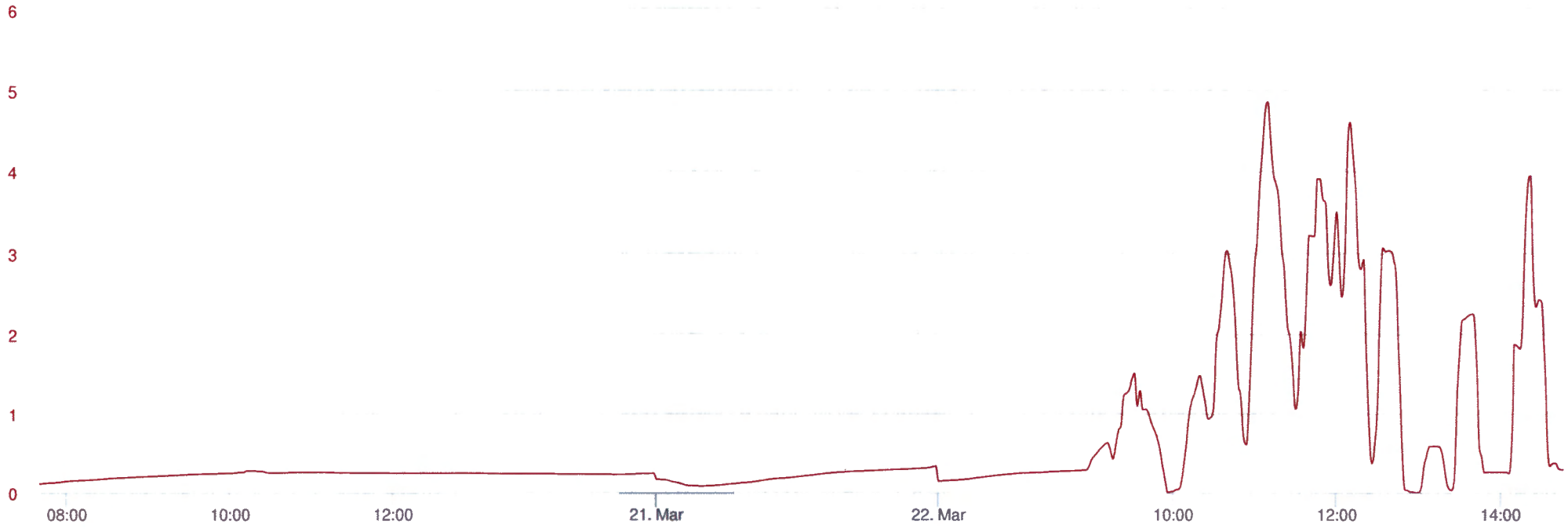
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.1794**	**0.6057**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



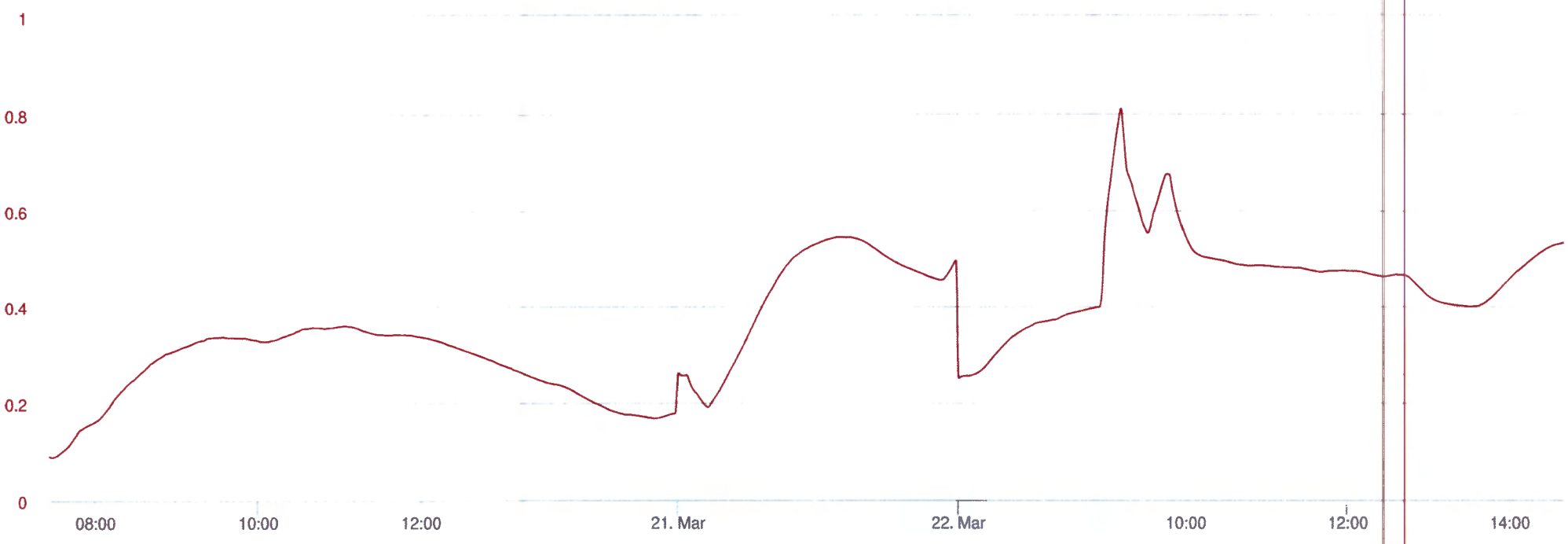
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.6454**	**4.9313**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net™

03/20/2019 7:00:00 – 03/22/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



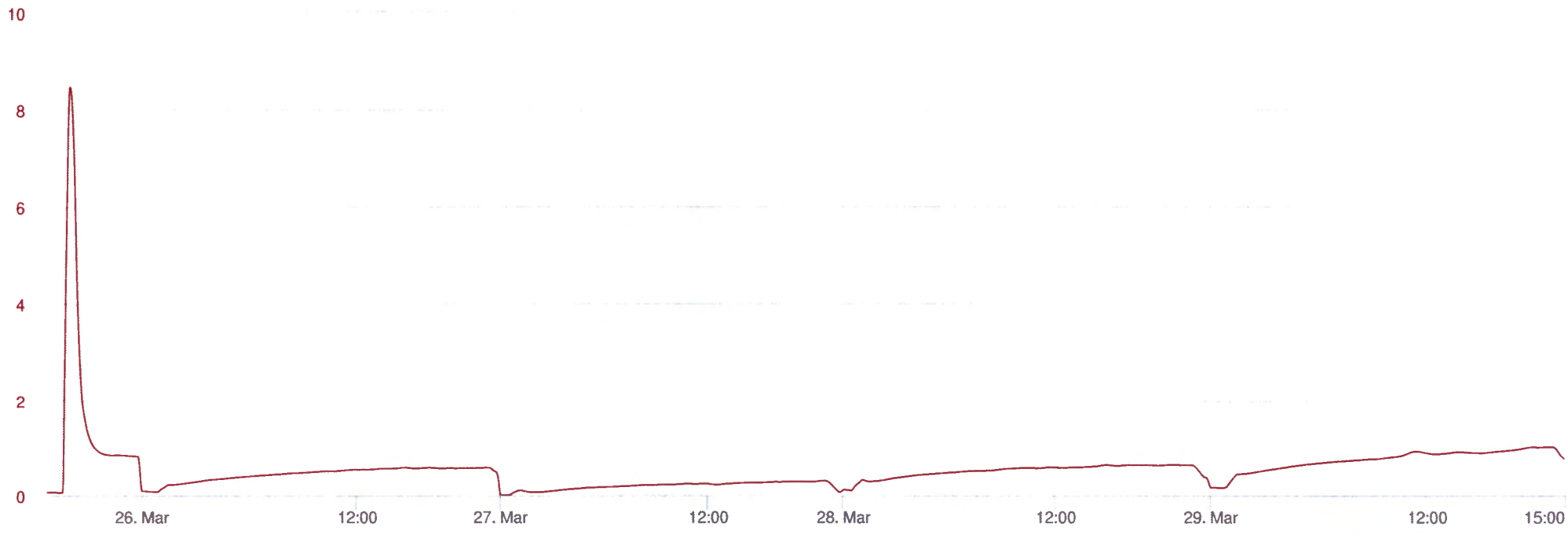
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0883	**0.3757**	**0.8125**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



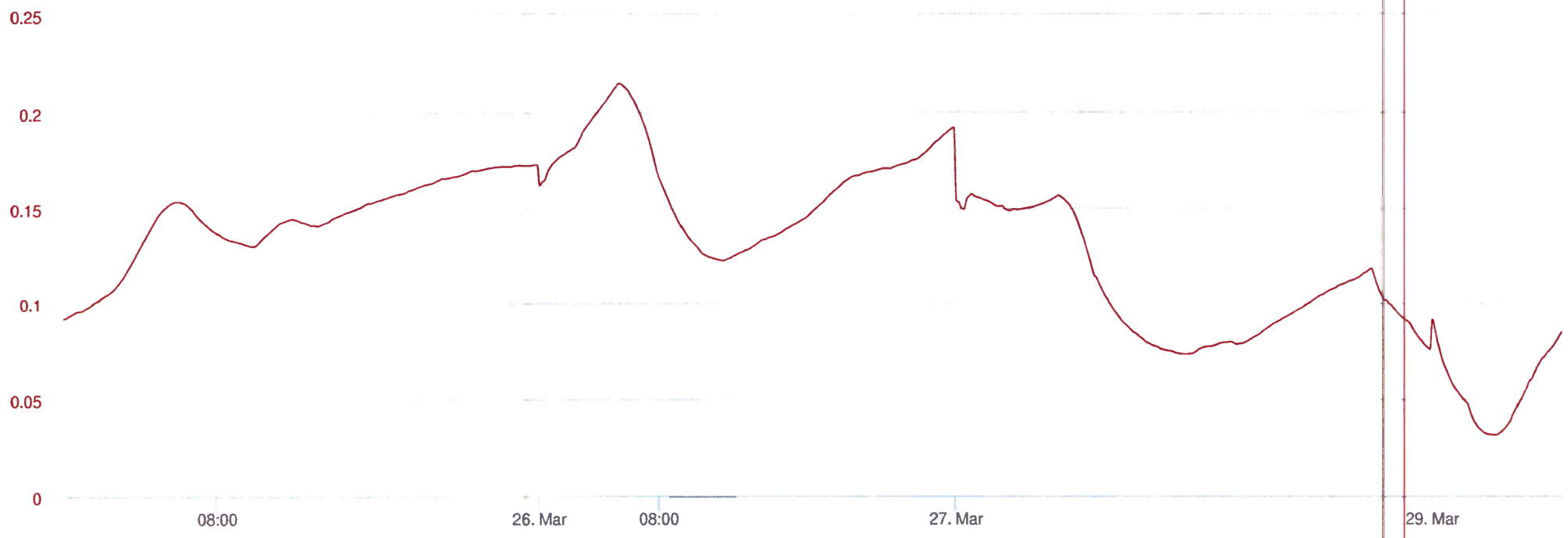
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.5425**	**9.3673**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



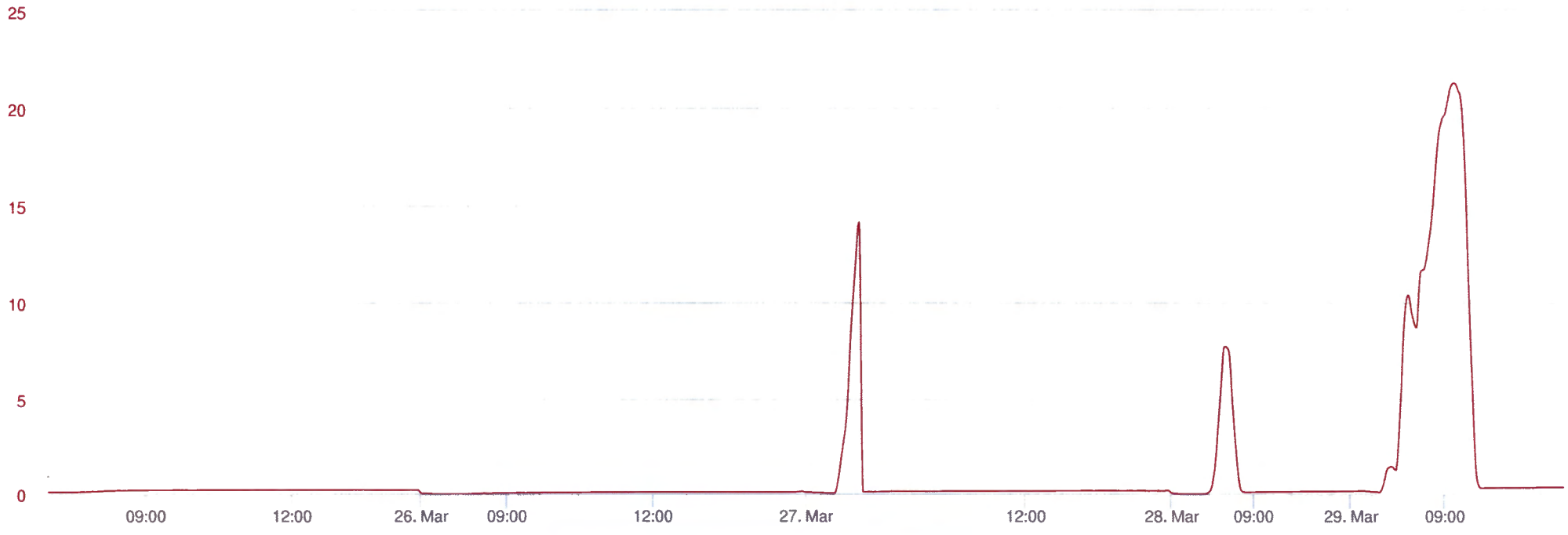
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0315	**0.1302**	**0.2148**

Name Upwind Monitor #1
S/N 0B400736
Description Harbor Isle Upwind #1
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



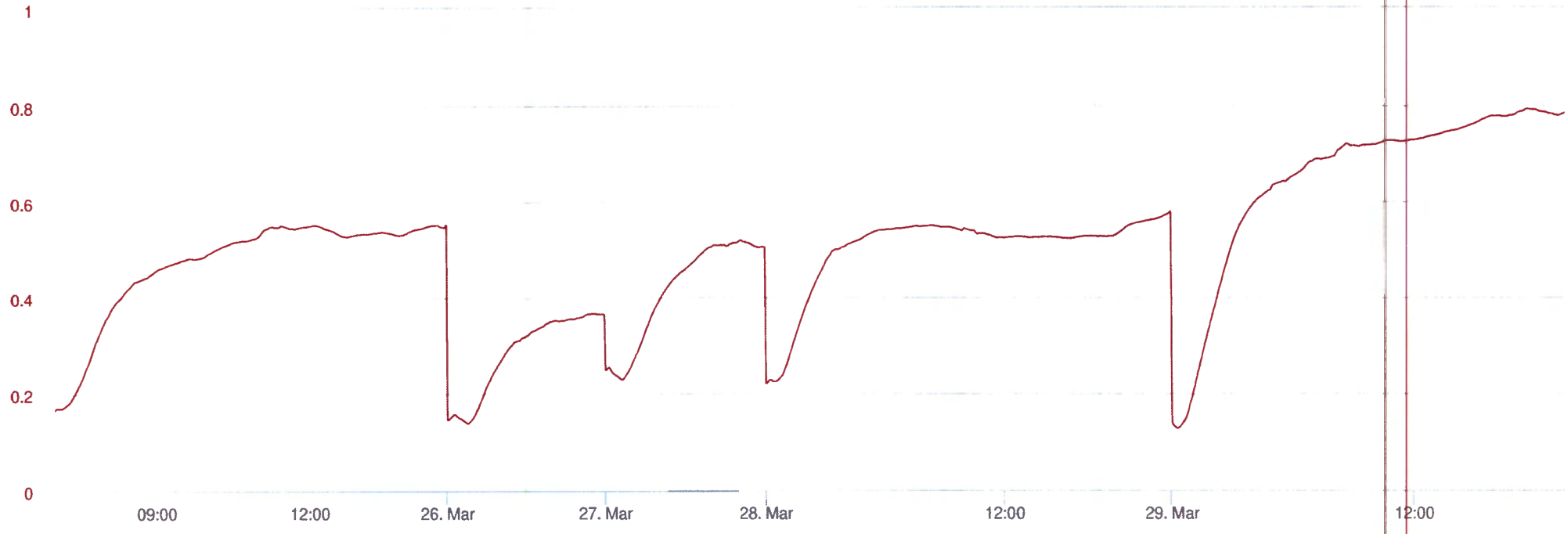
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**1.0172**	**21.347**

Name Downwind Monitor #2
S/N 0B400567
Description Harbor Isle Downwind #2
Location 7 Washington Pl, Island Park, NY 11558, USA

enviro net

03/25/2019 7:00:00 – 03/29/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.1283	**0.5022**	**0.793**

Name Downwind Monitor #3
S/N 0B400710
Description Harbor Isle Downwind #3
Location 7 Washington Pl, Island Park, NY 11558, USA

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Community Air Monitoring Program (CAMP) Summary for April 2019

CAMP Summary

This report summarizes the CAMP data from April 1 to April 30, 2019.

There were no CAMP action limits triggered during this reporting period.

There were fluctuations in VOC readings at the base station that were not attributed to work activities. The sample probe tubing will be replaced with PTFE-lined LDPE in May 2019.

The upwind monitoring station was unavailable from April 15 to 22, 2019. There were no exceedances of uncorrected downwind readings during this period. The upwind monitoring station was placed back in service on April 23, 2019.

On April 16, 2019, readings were unavailable at the downwind #2 due to a technical issue. No alarms were reported at the downwind #3 station.

CAMP Monitoring Station Locations

Date	Primary Wind Direction	Monitoring Station Location			
		Base Station	Upwind #1	Downwind #2	Downwind #3
04/1/2019	Northwest	B7	G4	N14	K15
04/2/2019	Northwest	B7	G4	N14	K15
04/3/2019	Northwest to West	B7	G4 to G11	K15 to N9	N14
04/4/2019	Northwest to West	B7	H2 to G10	K15 to N9	N14
04/5/2019	Northeast to East	B7	L1 to P6	J15 to M8	G12
04/8/2019	Southwest	B7	K15	L1	J1
04/9/2019	Northeast to East	B7	N1 to N10	J15 to H14	G12
04/10/2019	Northwest	B7	F4	N14	K15
04/11/2019	Northeast	B7	N2	J15	G10
04/12/2019	East	B7	N5	F8	G11
04/15/2019	Southeast	B7	X	G5	G12
04/16/2019	West to Northwest	B7	X	O14	N9
04/17/2019	Southeast to South	B7	X	G5	G10
04/18/2019	Southeast	B7	X	G11	I6
04/19/2019	South	B7	M14	K1	O1
04/22/2019	Northeast	B7	X	J15	N14

04/23/2019	Northwest to Southwest	B7	H7 to G12	K14 to N9	N14 to N3
04/24/2019	Northeast to Southwest	B7	O1*	L14*	G11*
04/25/2019	Northeast to Southwest	B7	O1*	L14*	G11*
04/26/2019	WC**	WC**	WC**	WC**	WC**
04/29/2019	Northeast to Southwest	B7	N4 to G12	J15 to P9	G12 to N4
04/30/2019	Southeast to South	B7	N14 to M15	H7	J6

*Due to the 180° shift in wind, Downwind stations read Upwind values and the Upwind station reads Downwind values after approximately 1100

**WC = Weather Conditions prevented CAMP stations from being set up

CAMP Action Levels, Alarms, and Corrective Actions

Action Levels

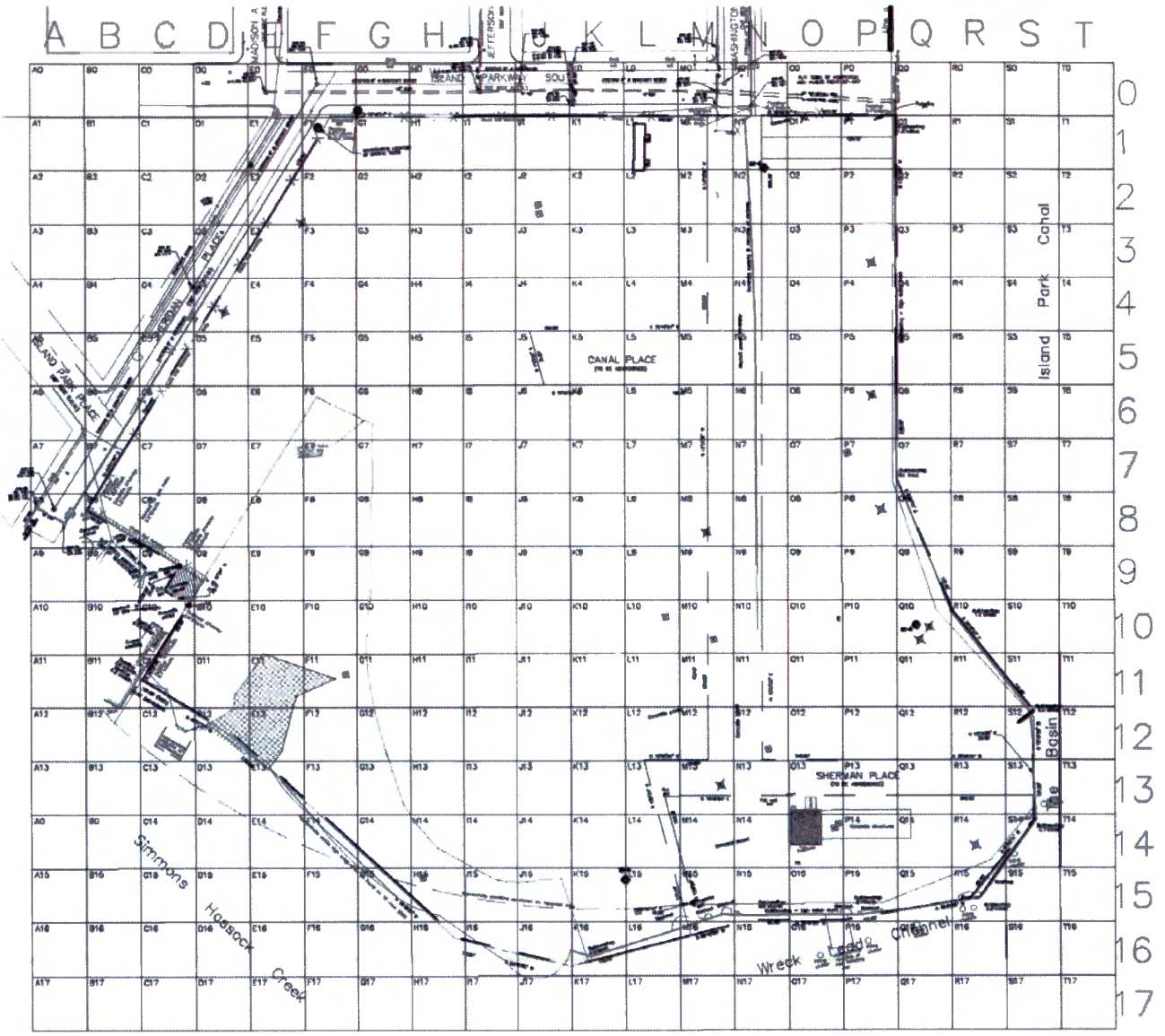
Constituent	CAMP Action Levels (Over Upwind Ambient)		
	Mitigate	Stop Work & Mitigate	Stop Work
Particulate Matter (PM-10)	100 µg/m^3	150 µg/m^3	-
Volatile Organic Compounds (VOCs)	-	5 PPM	25 PPM

CAMP Alarms and Corrective Actions

Date	Constituent	Corrected Reading	Corrective Action
			None

No alarms occurred for the month of April

Site Map



CAMP Summary Graphs

Attached are graphs of the recorded data for both airborne particulate matter (PM-10) and VOCs for the four CAMP monitoring stations.

enviro net

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

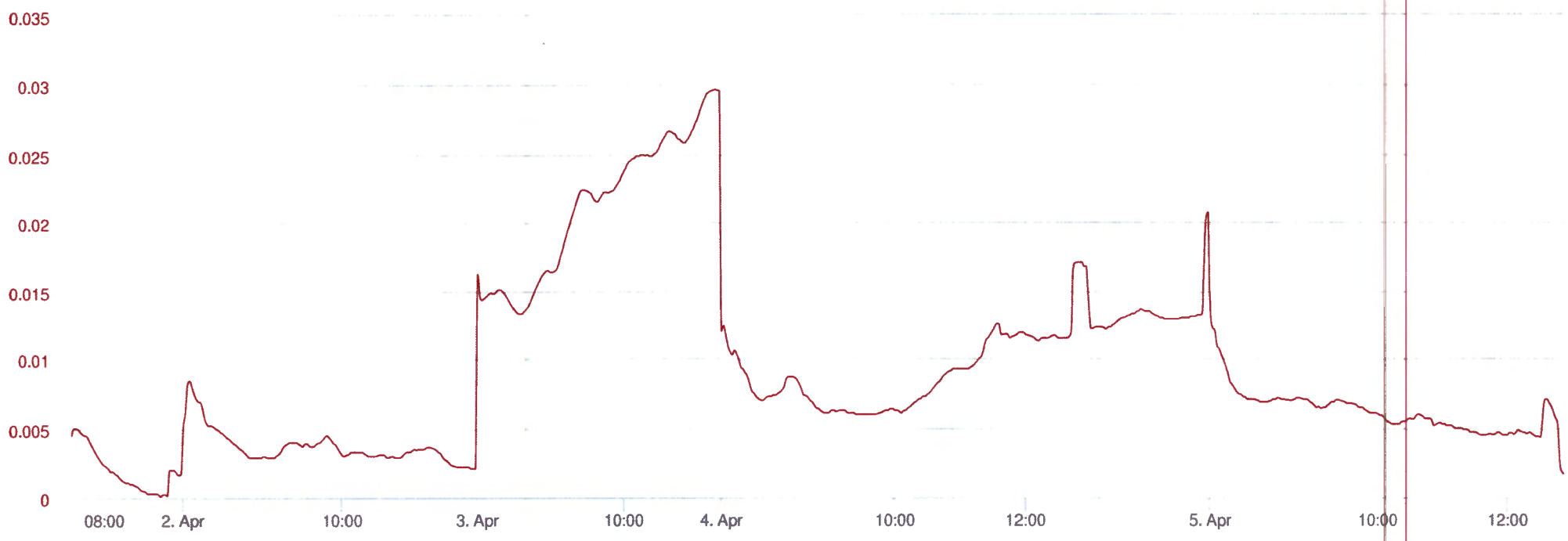
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0005	**0.0101**	**0.0696**

Name	Base Unit
S/N	0B428062
Description	Placed in area B6
Location	23 Island Pkwy S, Island Park, NY 11558, USA

envirodnet

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



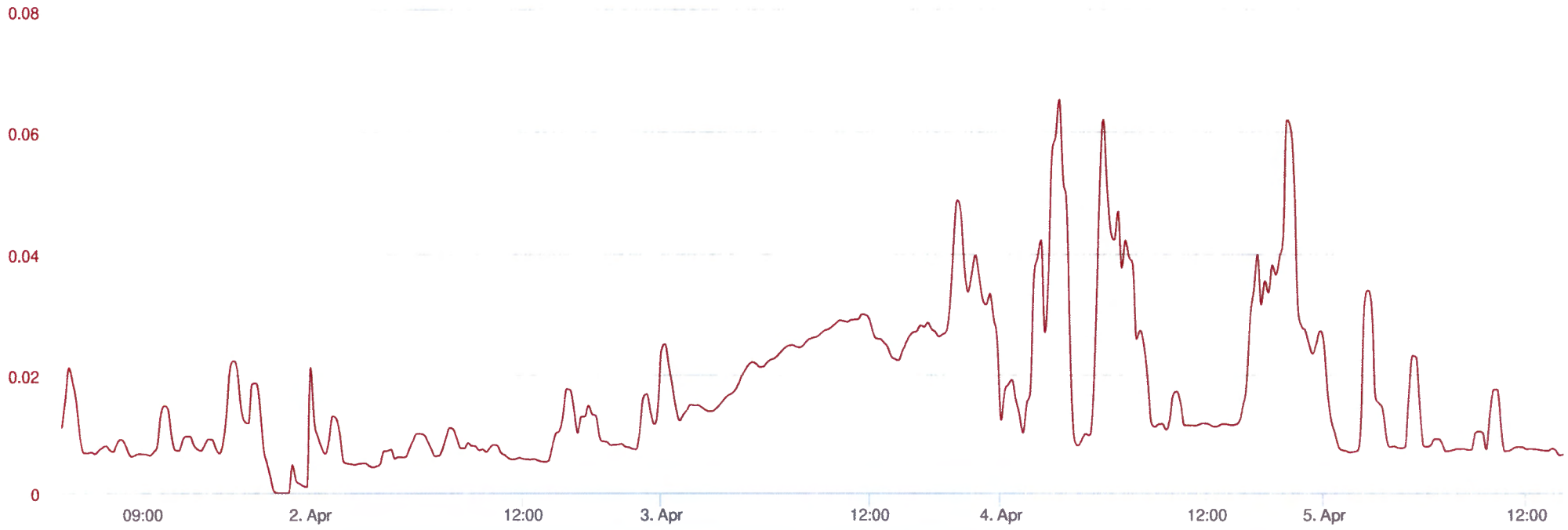
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0001	**0.0091**	**0.0297**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0	**0.0165**	**0.0709**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

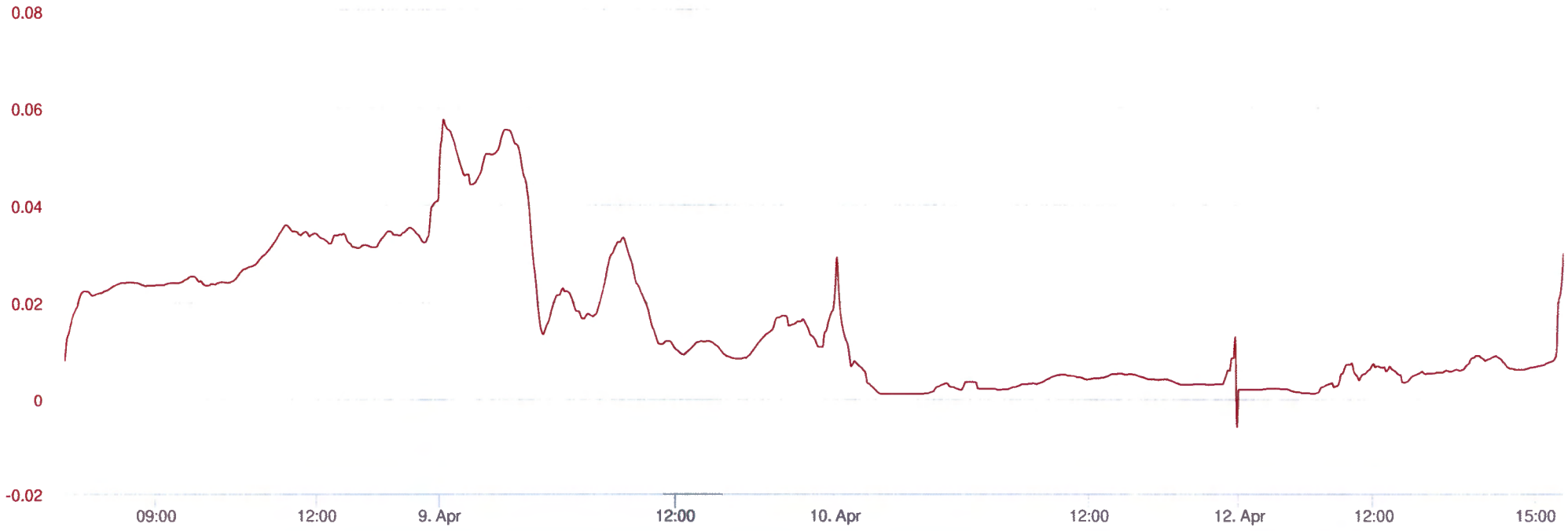
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
-0.0016	**0.0197**	**0.1122**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



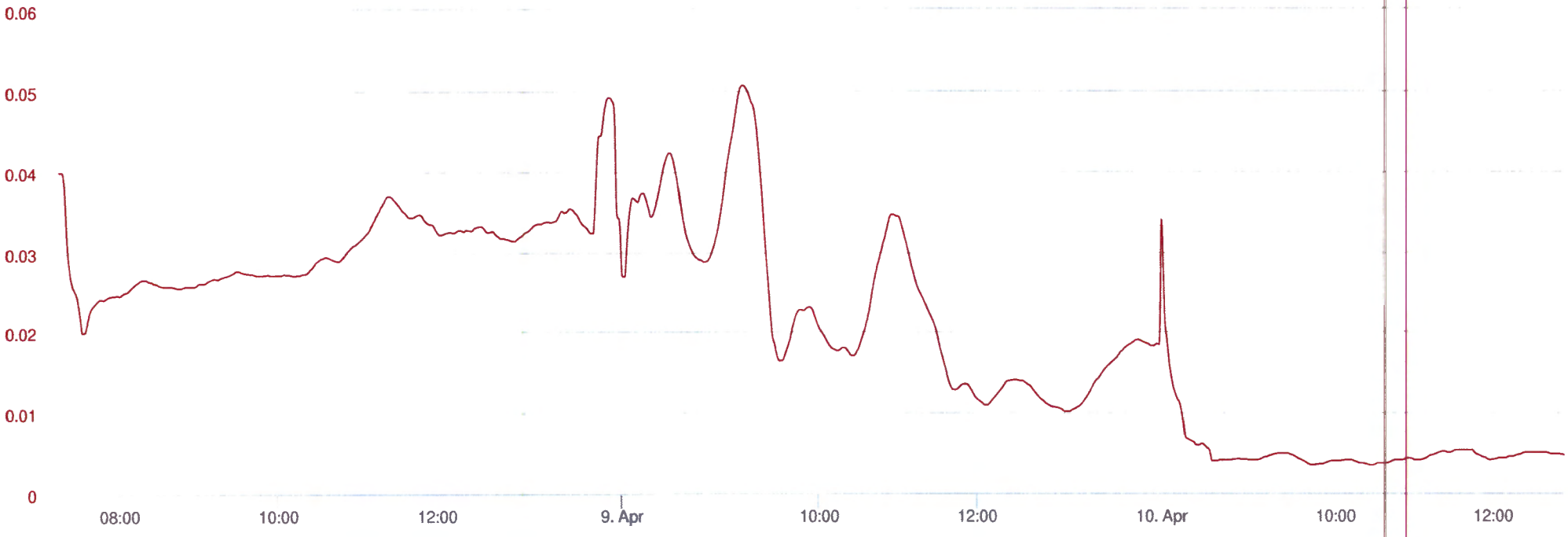
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
-0.0077	**0.0156**	**0.0578**

Name	Base Unit
S/N	0B428062
Description	Placed in area B6
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



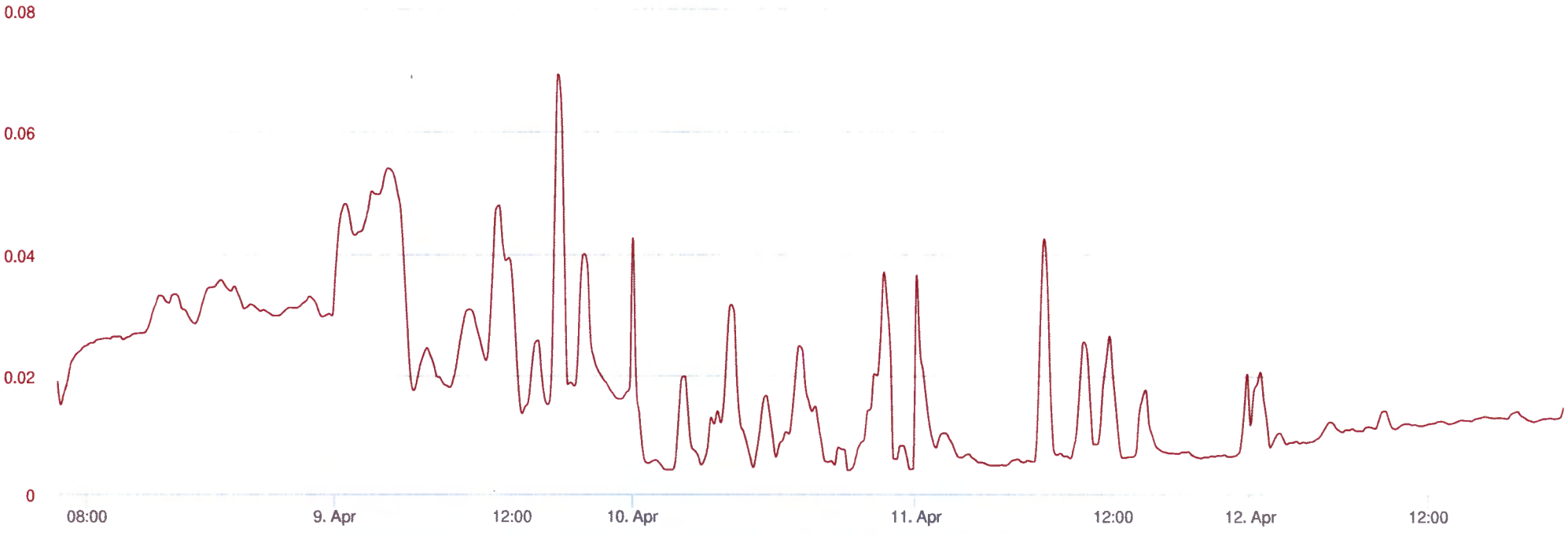
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0034	**0.021**	**0.0507**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



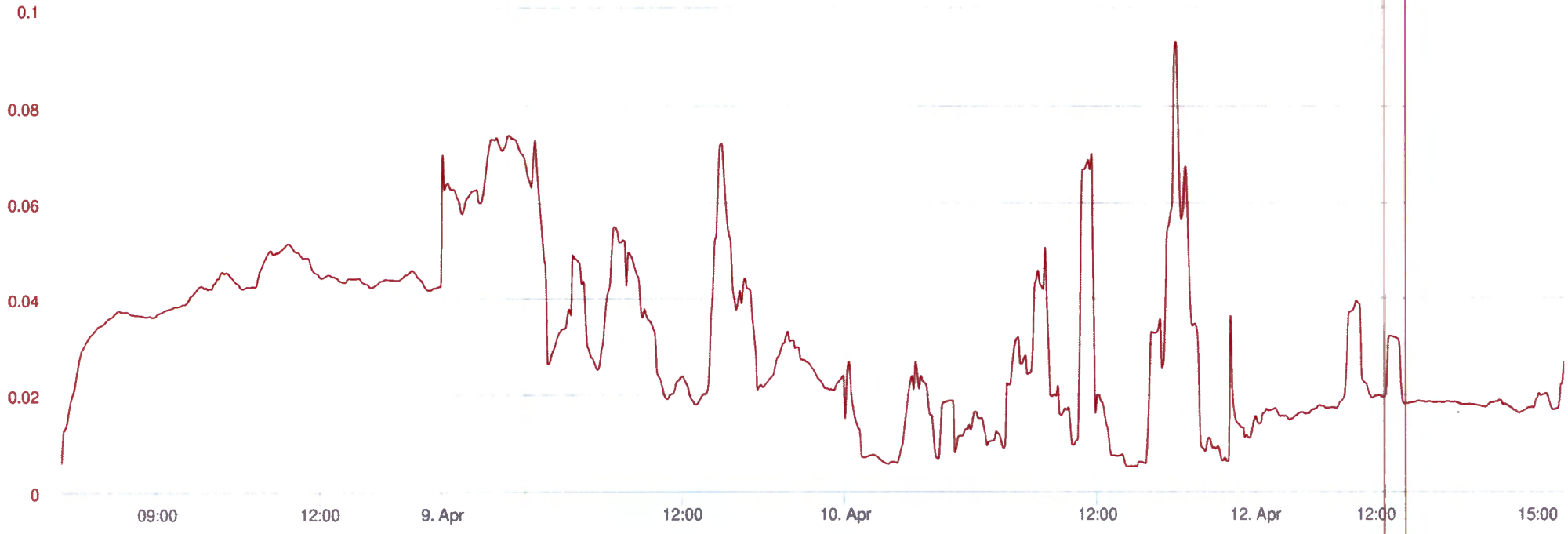
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0036	**0.0185**	**0.0697**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



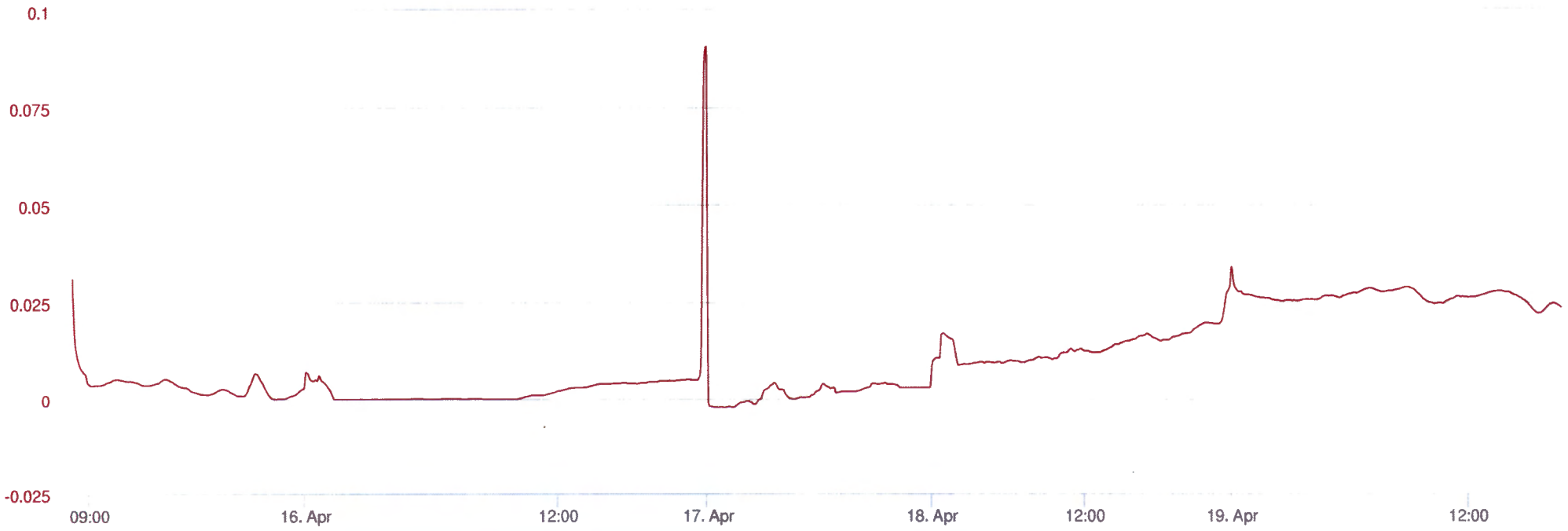
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0051	**0.031**	**0.0958**

Name Downwind Monitor #3
S/N 0B400710
Description Harbor Isle Downwind #3
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/15/2019 7:00:00 – 04/19/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



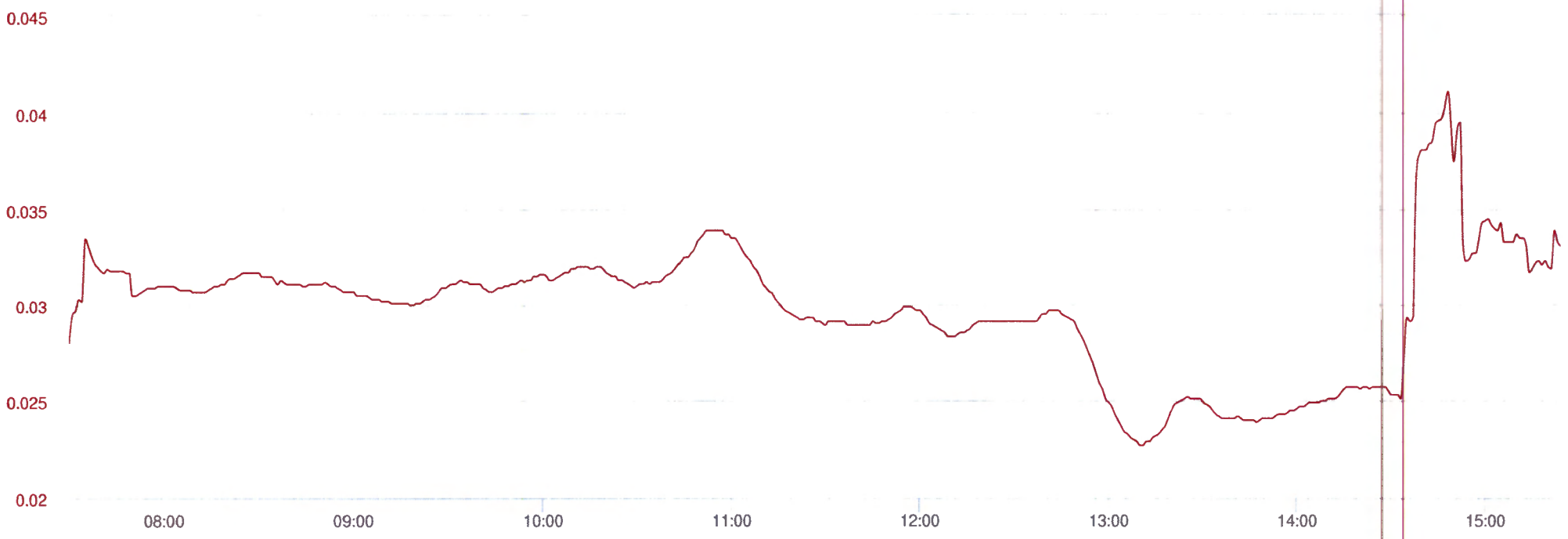
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
-0.0023	**0.0101**	**0.0906**

Name	Base Unit
S/N	0B428062
Description	Placed in area B6
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

Fri, 19th of Apr 2019, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



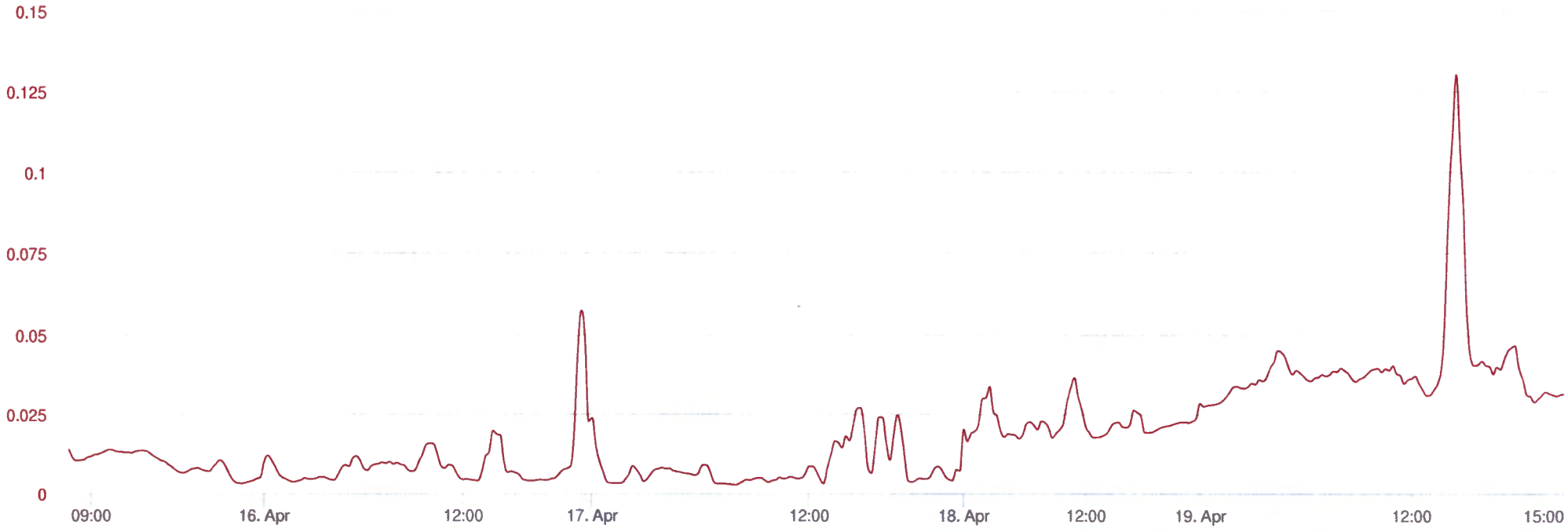
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0227	**0.0298**	**0.0411**

Name Upwind Monitor #1
S/N 0B400736
Description Harbor Isle Upwind #1
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/15/2019 7:00:00 – 04/19/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



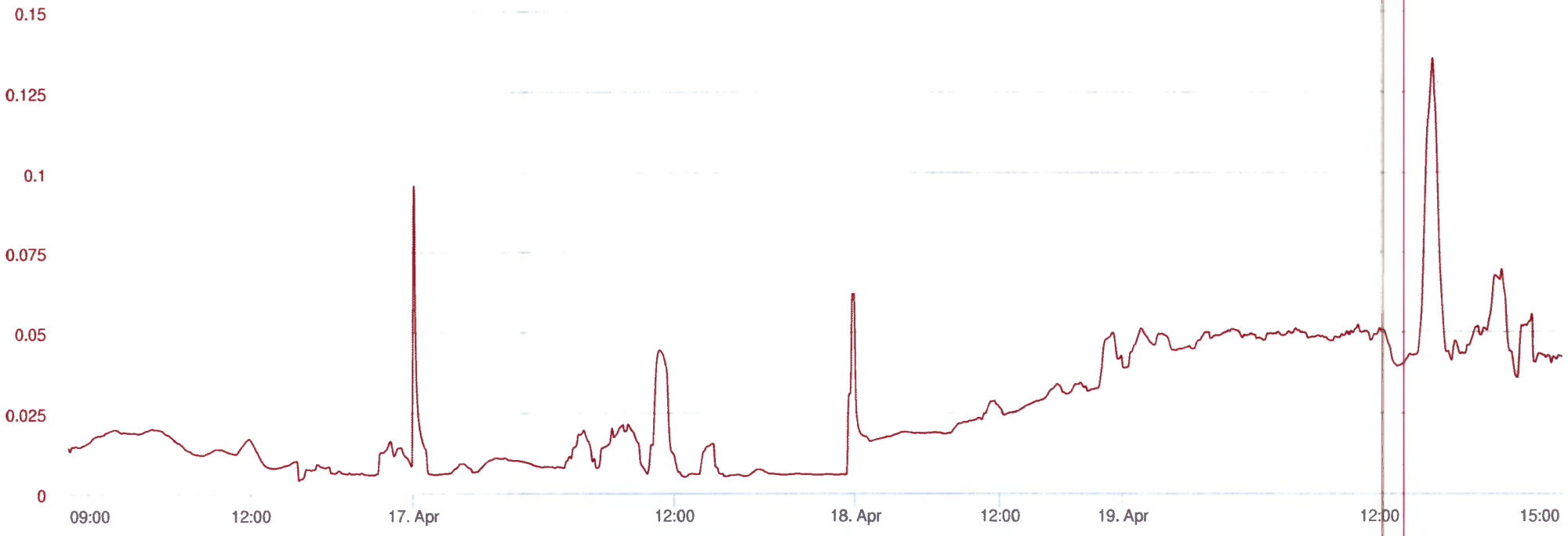
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0025	**0.0186**	**0.1333**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/15/2019 7:00:00 – 04/19/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



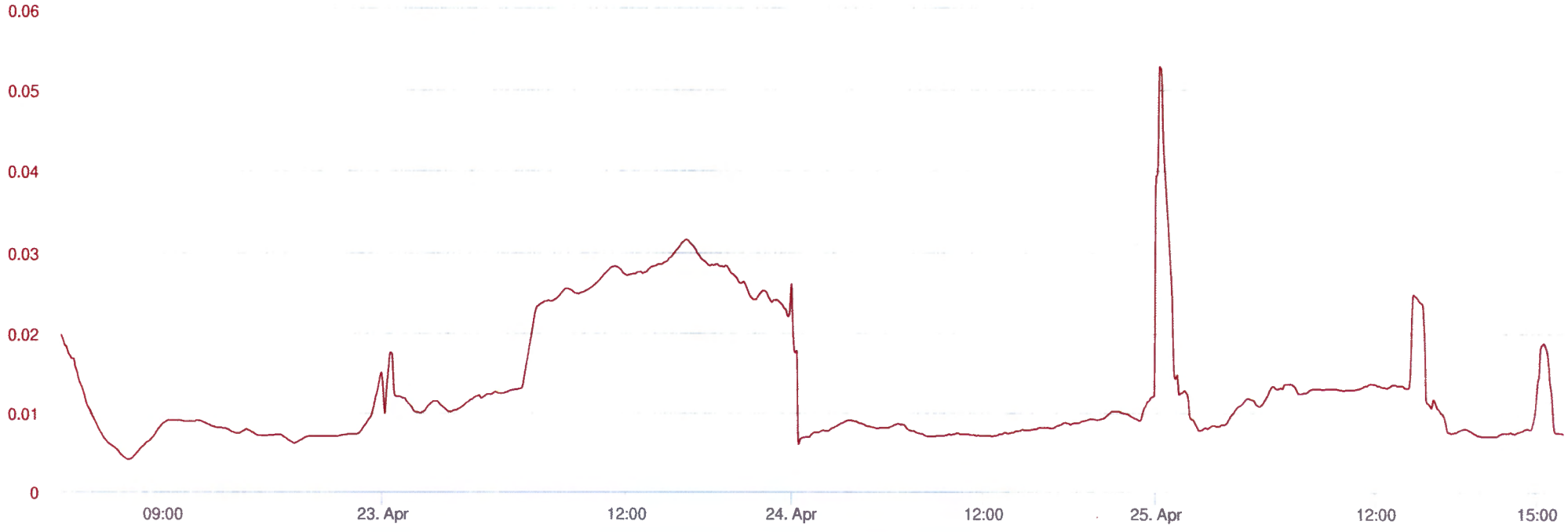
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.004	**0.0257**	**0.1355**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0041	**0.013**	**0.0568**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net™

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

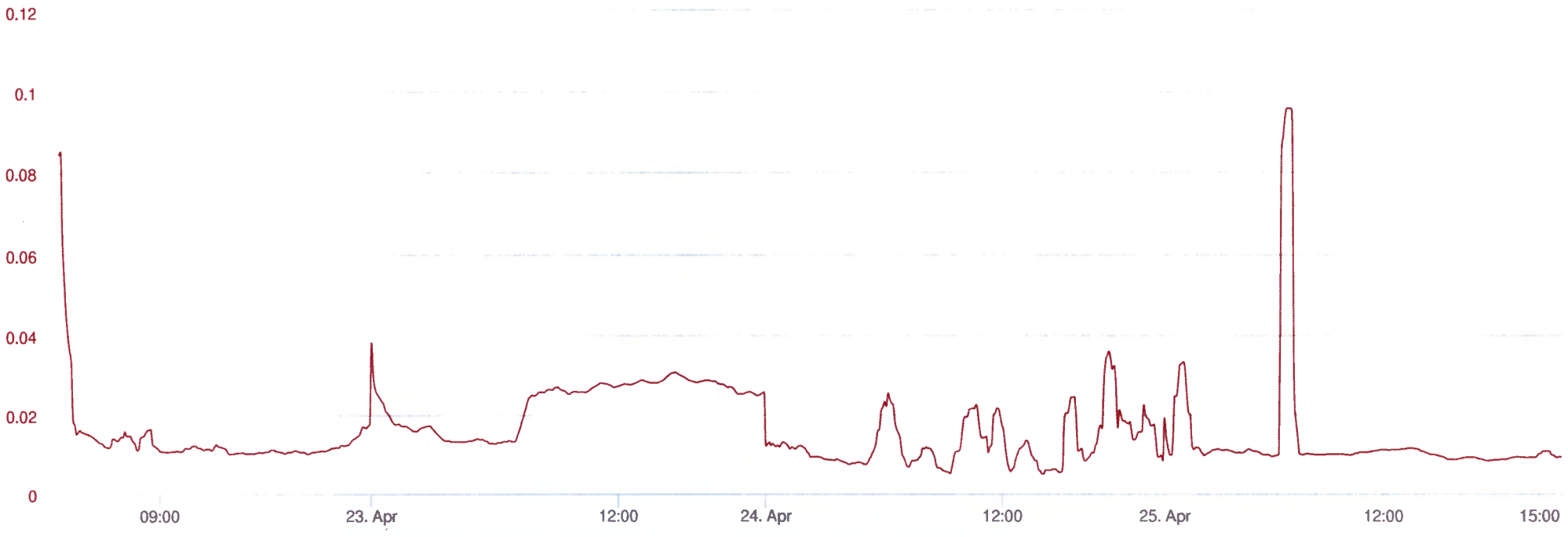
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.004	**0.0158**	**0.0429**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



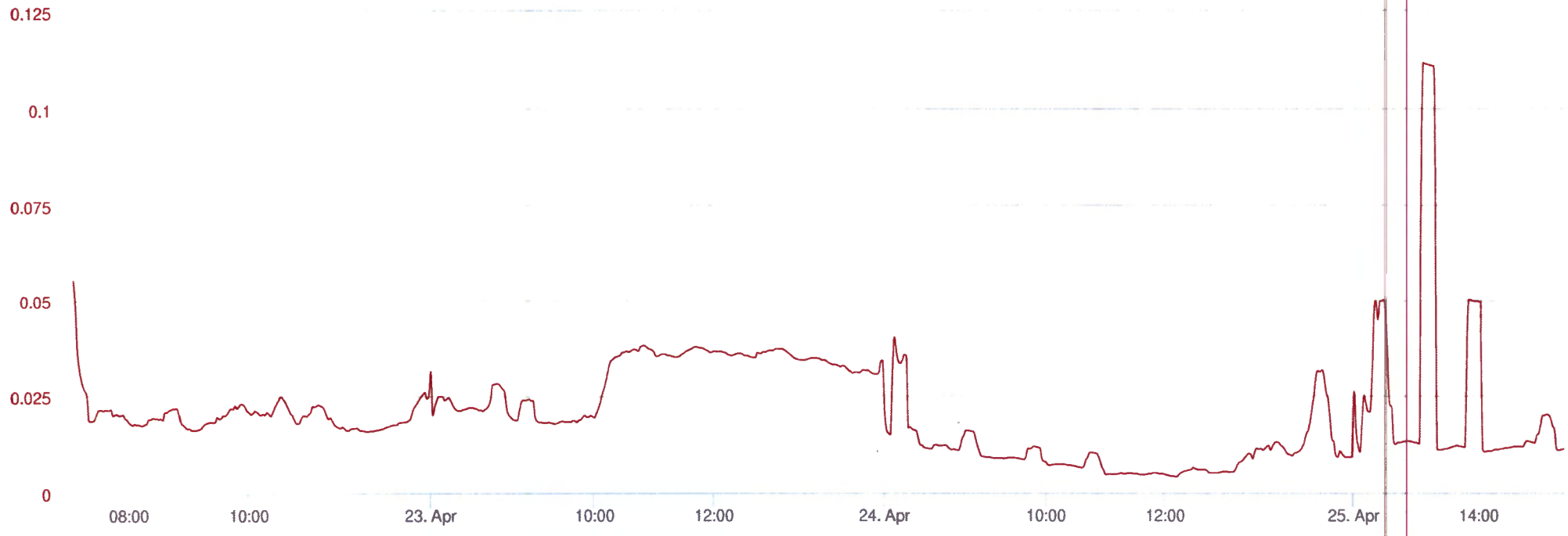
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0049	**0.0159**	**0.13**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



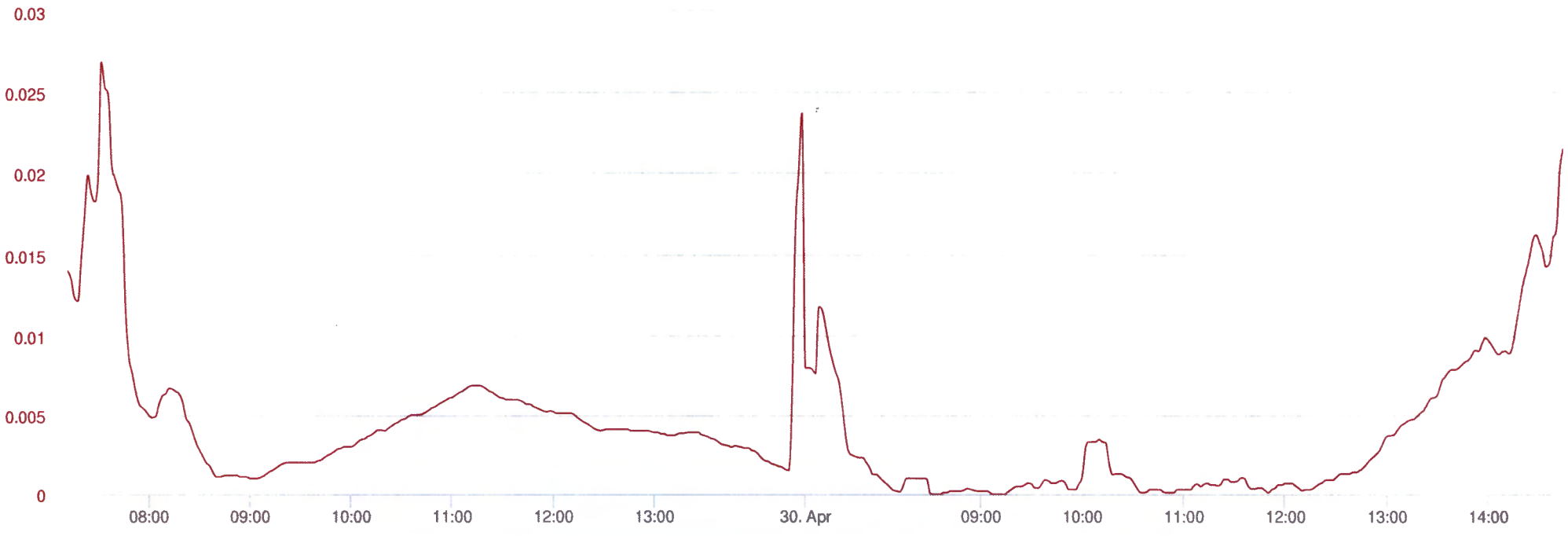
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0041	**0.0209**	**0.1118**

Name Downwind Monitor #3
S/N 0B400710
Description Harbor Isle Downwind #3
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



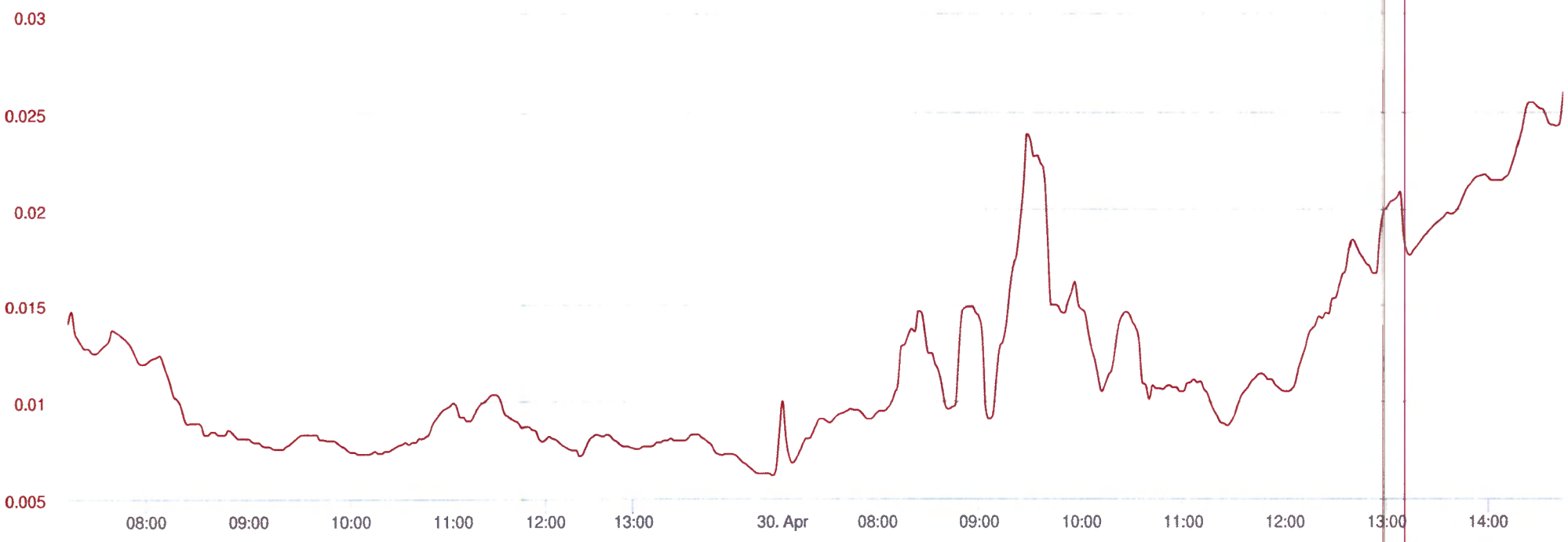
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0	**0.0043**	**0.0271**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net™

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



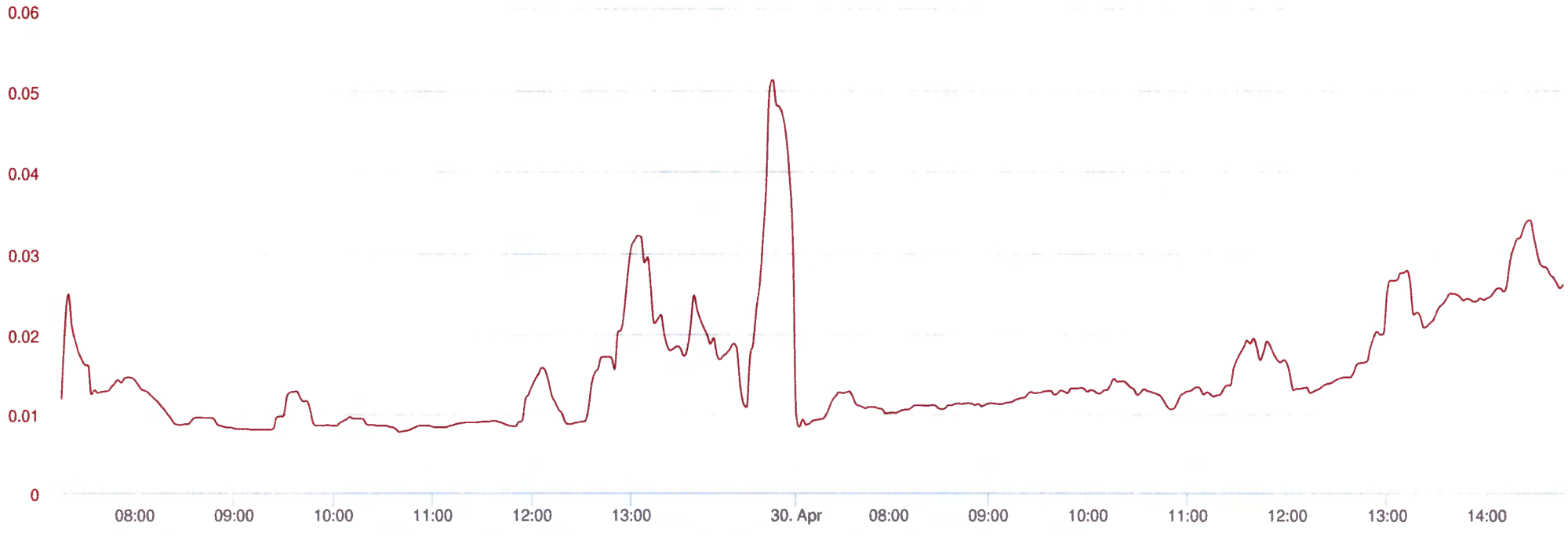
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0062	**0.0118**	**0.0255**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



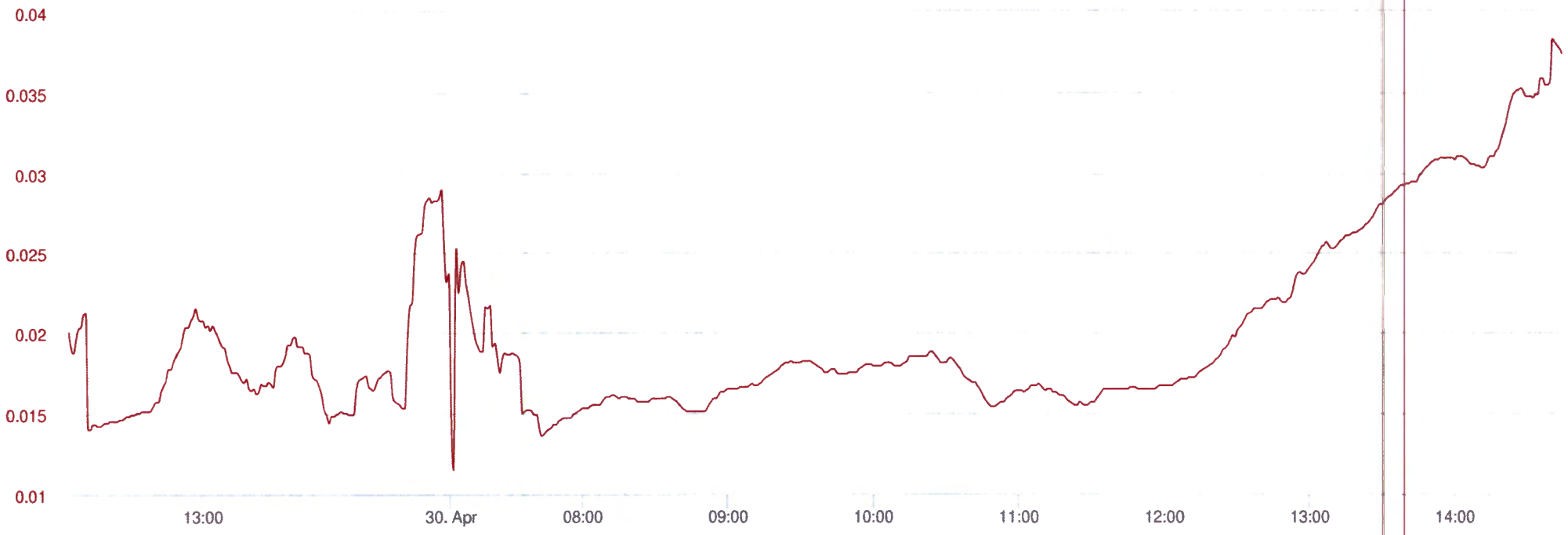
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0077	**0.0151**	**0.0541**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



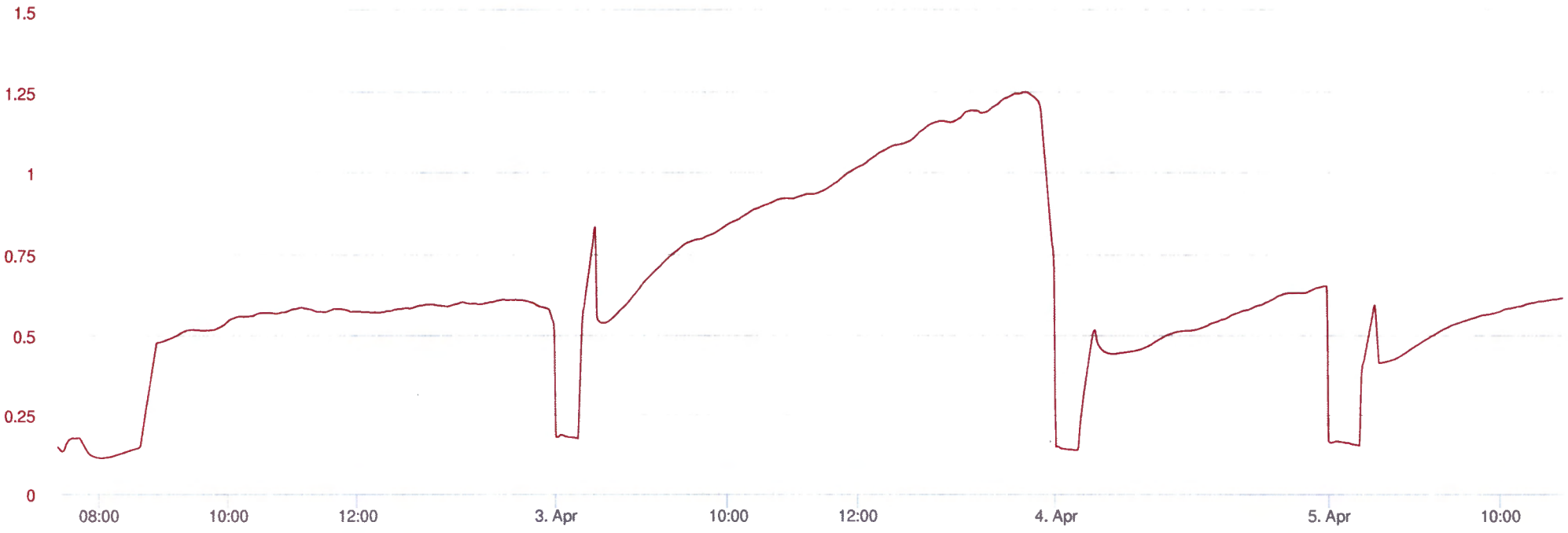
Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(B)

MIN	AVG	MAX
0.0115	**0.0197**	**0.0383**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	40 Island Pkwy S, Island Park, NY 11558, USA

environet

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



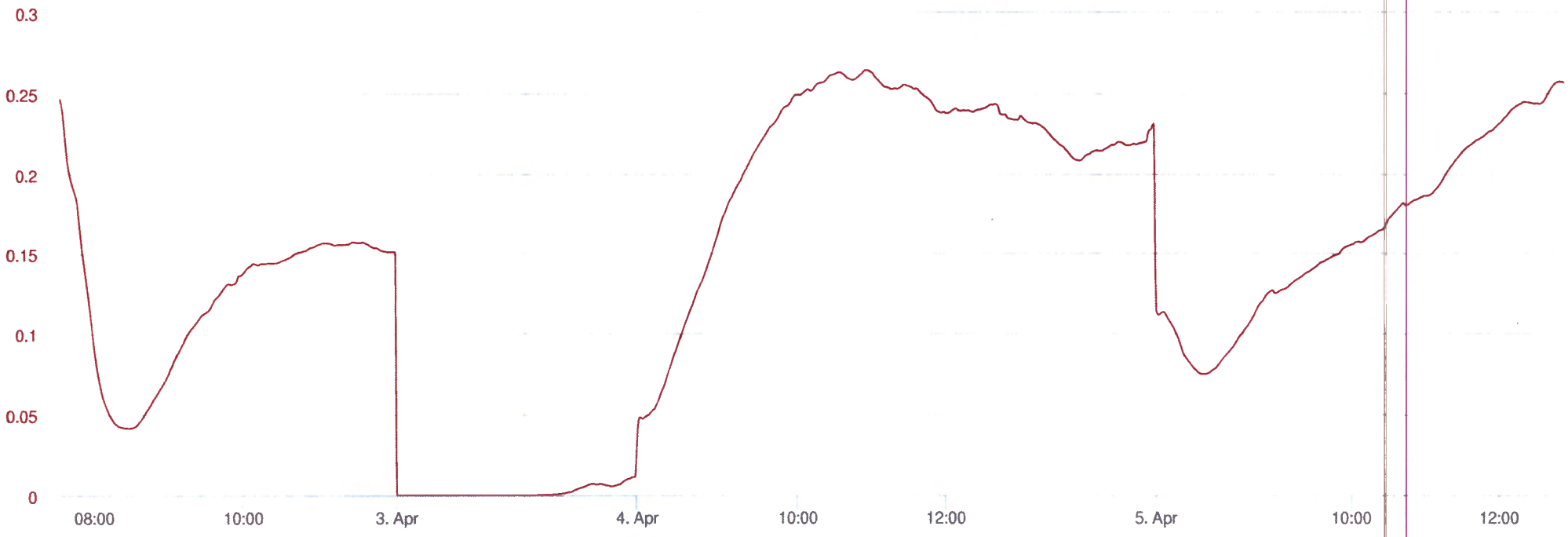
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.1117	**0.6258**	**1.2503**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



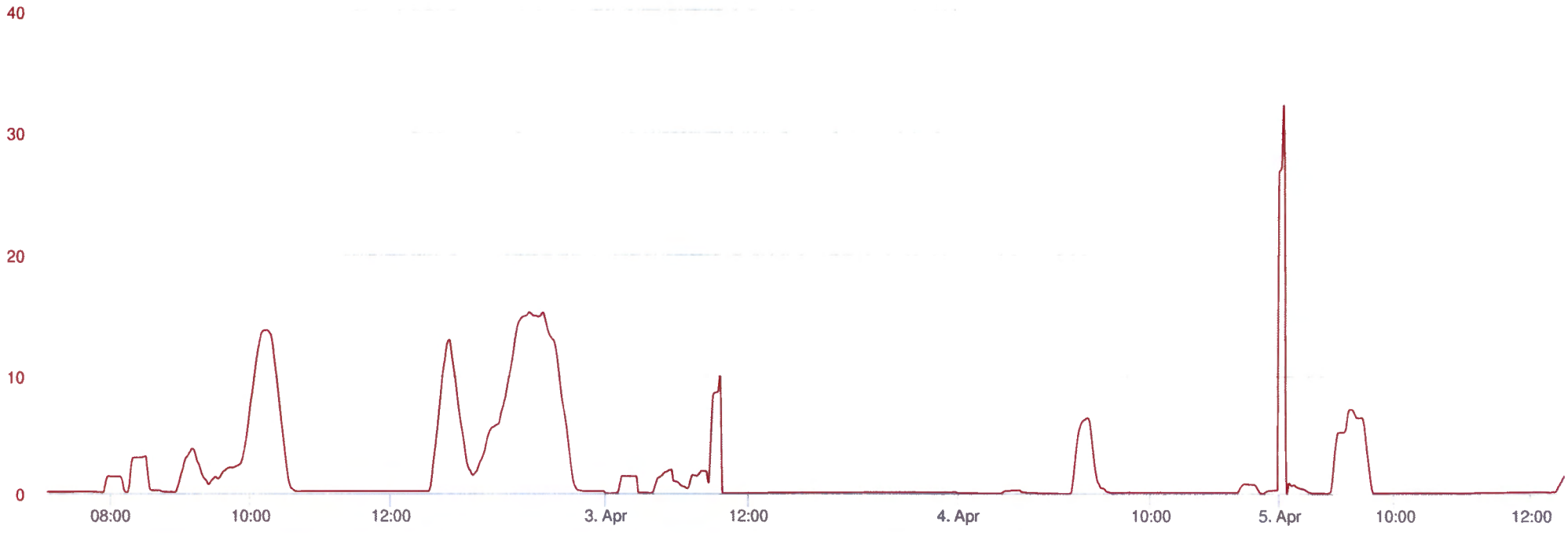
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.1454**	**0.2644**

Name Upwind Monitor #1
S/N 0B400736
Description Harbor Isle Upwind #1
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



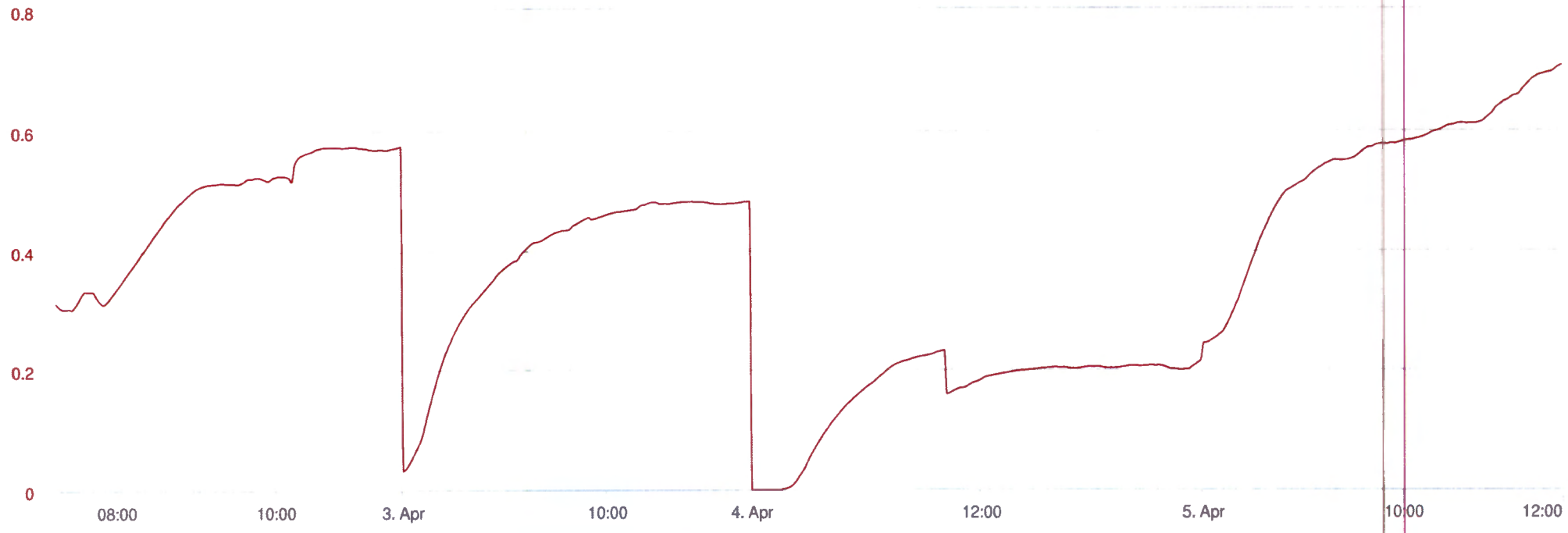
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**1.7973**	**34.566**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/01/2019 7:00:00 – 04/05/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.3781**	**0.7074**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0711	**0.8067**	**1.6025**

Name	Base Unit
S/N	0B428062
Description	Placed in area B6
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

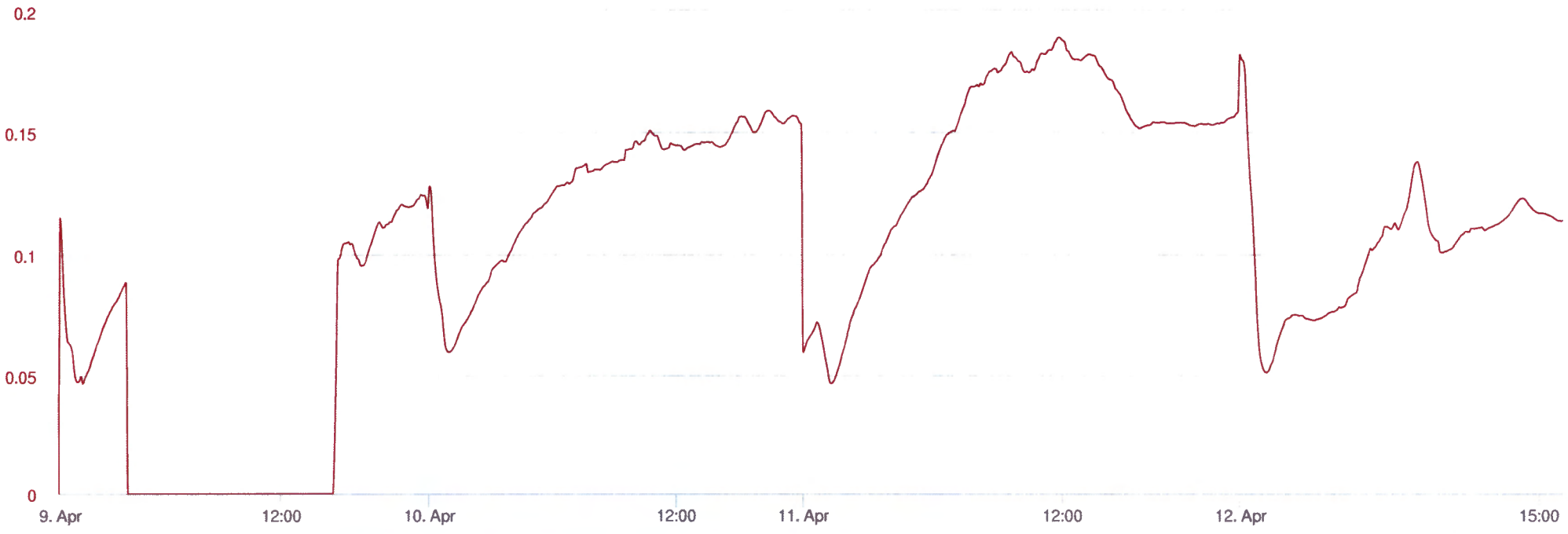
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.2461**	**0.7277**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



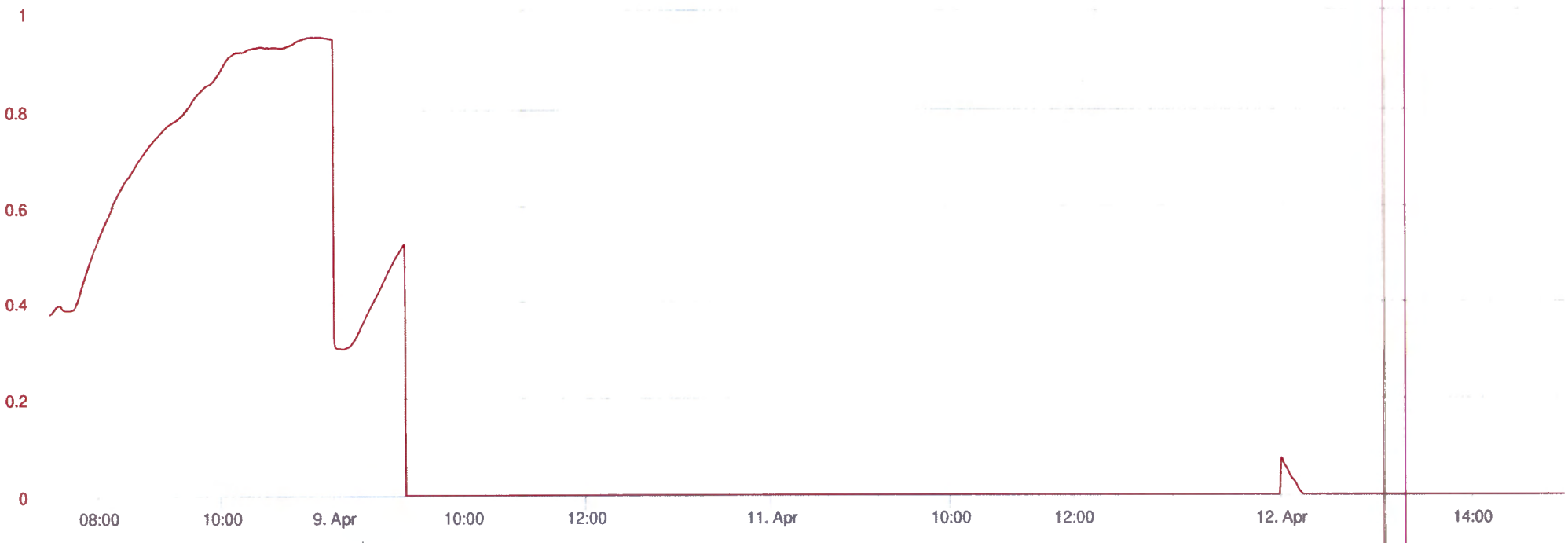
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.105**	**0.1895**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/08/2019 7:00:00 – 04/12/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



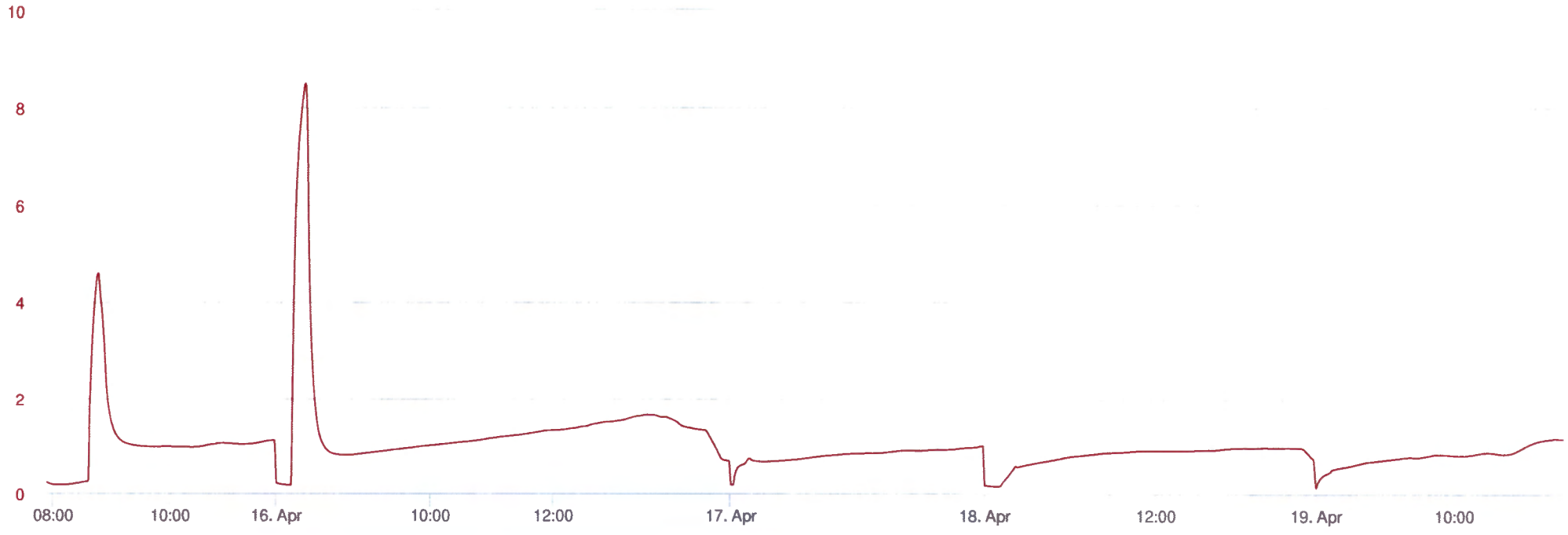
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0**	**0.9493**

Name Downwind Monitor #3
S/N 0B400710
Description Harbor Isle Downwind #3
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/15/2019 7:00:00 – 04/19/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



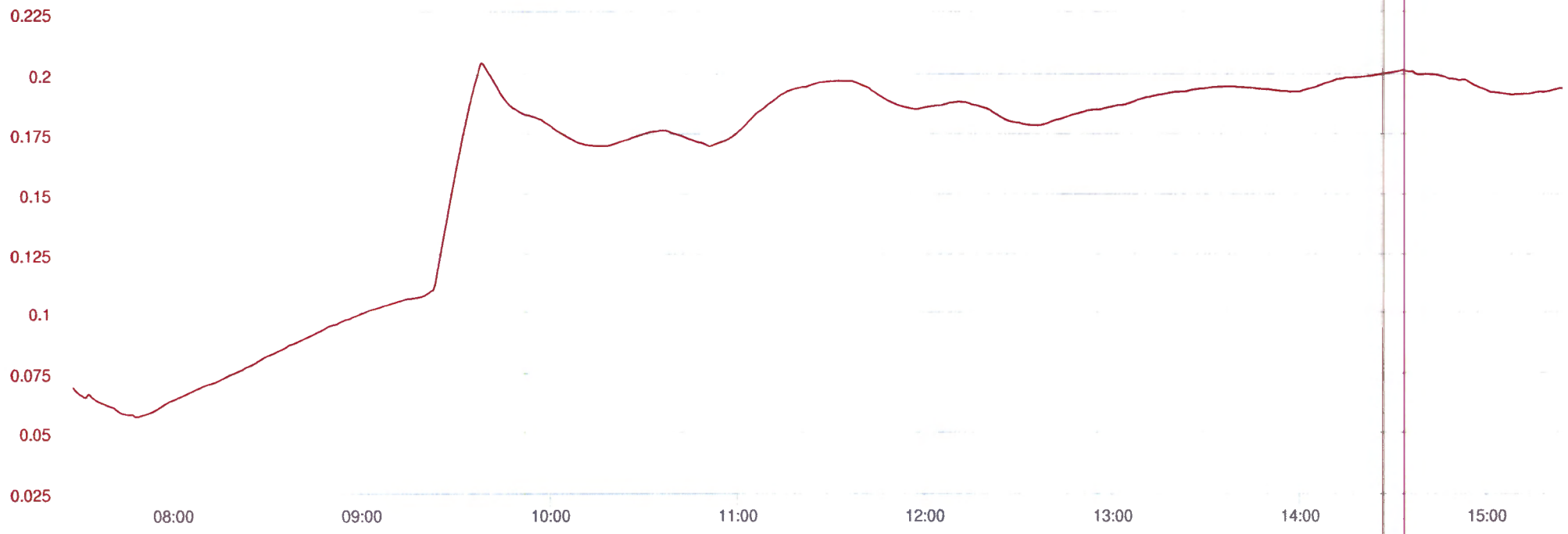
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.129	**1.0262**	**8.6465**

Name	Base Unit
S/N	0B428062
Description	Placed in area B6
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

Fri, 19th of Apr 2019, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



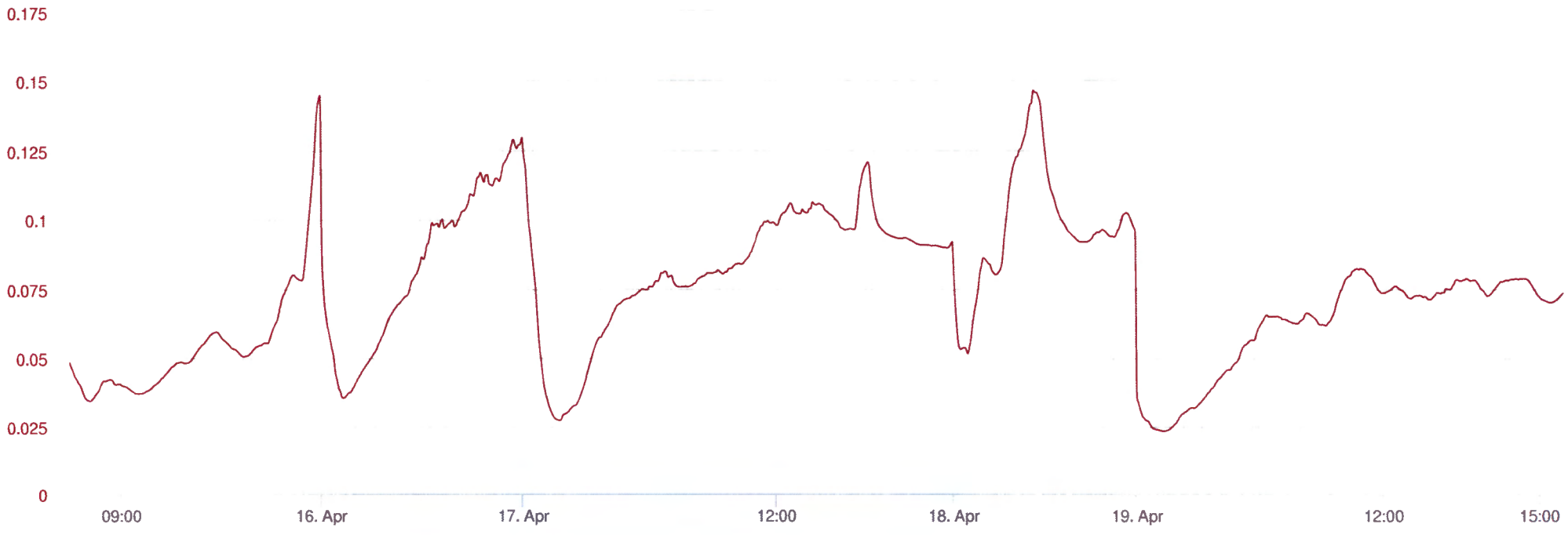
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0568	**0.1608**	**0.2043**

Name Upwind Monitor #1
S/N 0B400736
Description Harbor Isle Upwind #1
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/15/2019 7:00:00 – 04/19/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



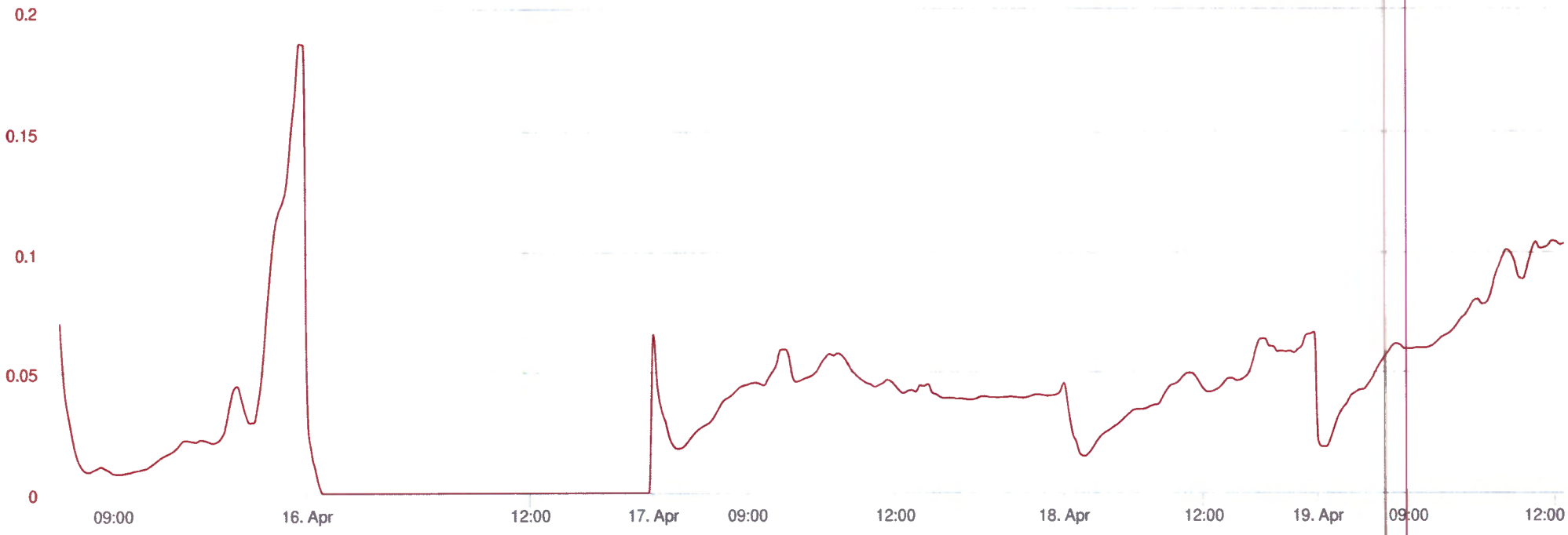
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0231	**0.0737**	**0.1473**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/15/2019 7:00:00 – 04/19/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



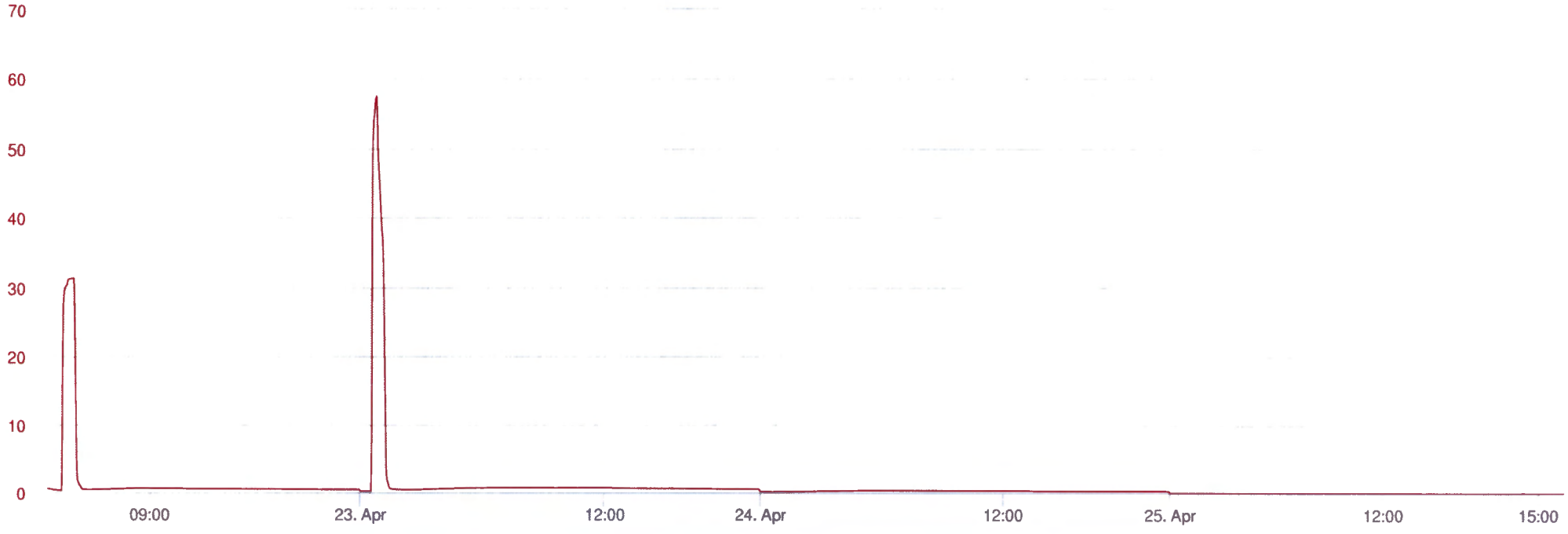
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0.0362**	**0.1881**

Name Downwind Monitor #3
S/N 0B400710
Description Harbor Isle Downwind #3
Location 23 Island Pkwy S, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



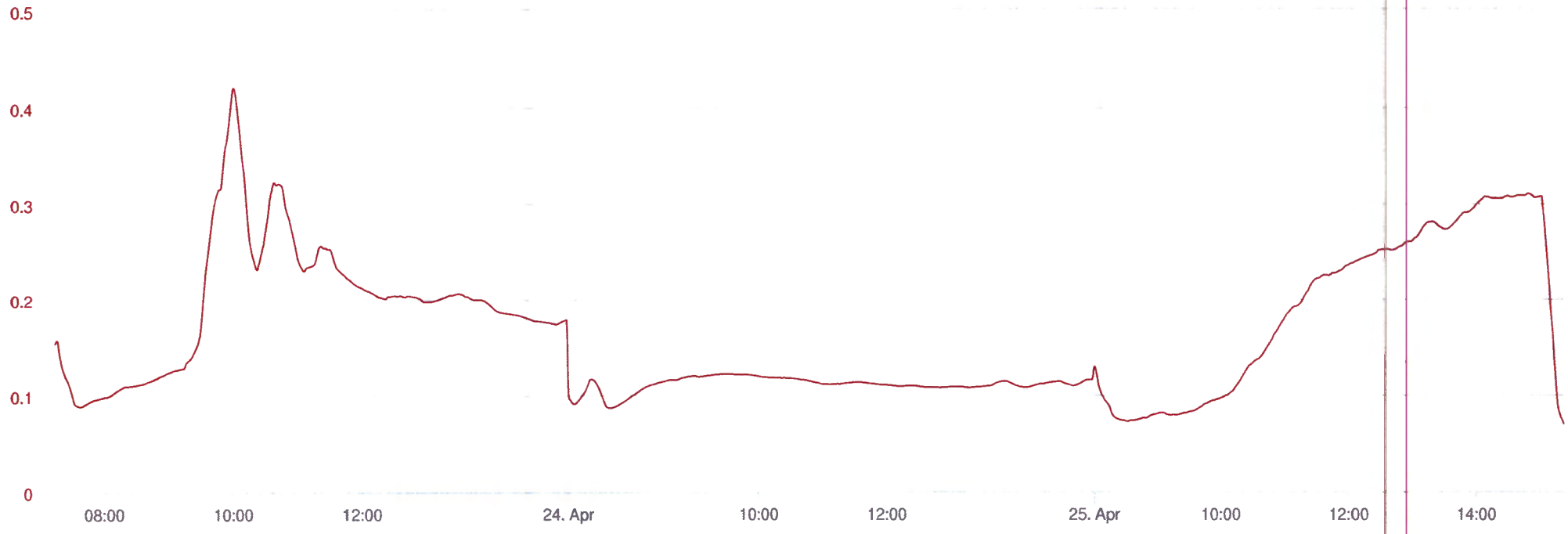
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**1**	**57.916**

Name Base Unit
S/N 0B428062
Description Placed in area B6
Location 3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



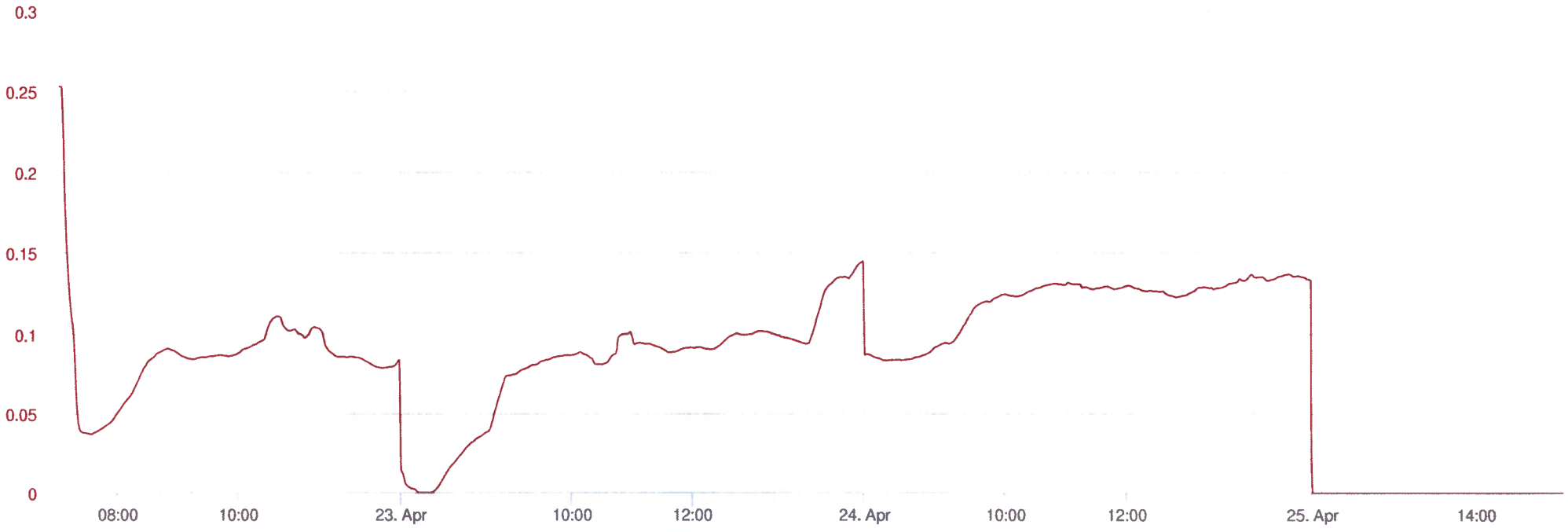
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0705	**0.1653**	**0.4228**

Name Upwind Monitor #1
S/N 0B400736
Description Harbor Isle Upwind #1
Location 7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



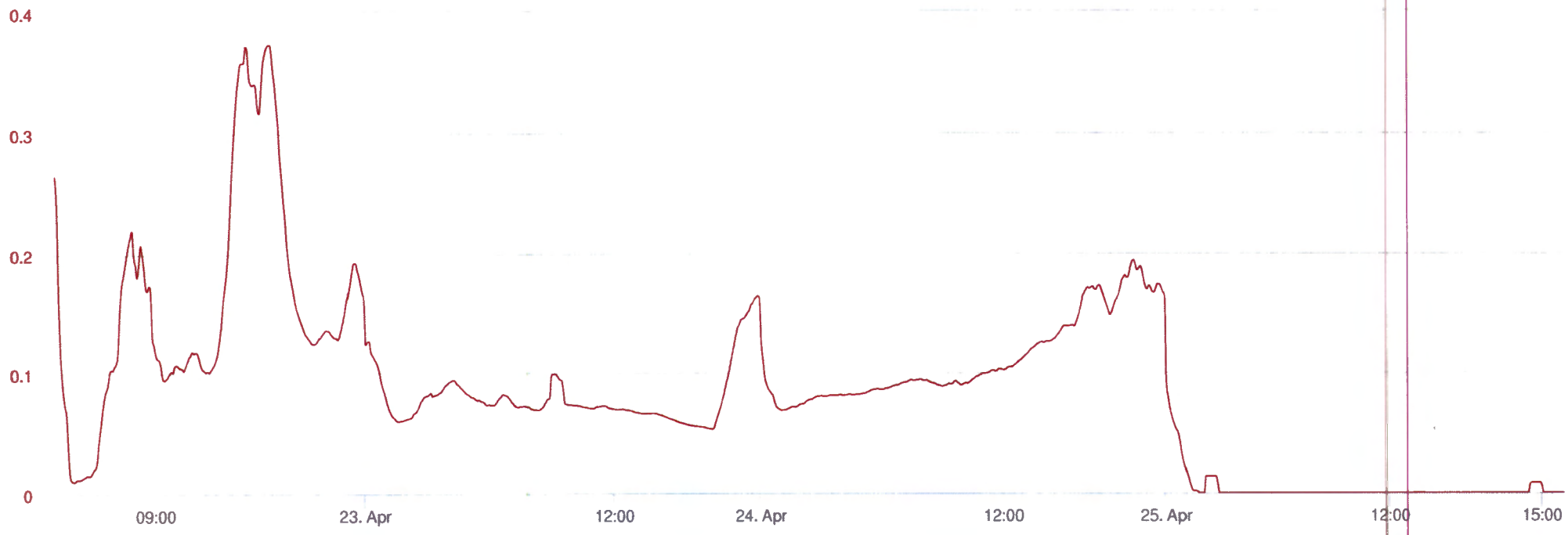
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0**	**0.2535**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/22/2019 7:00:00 – 04/26/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



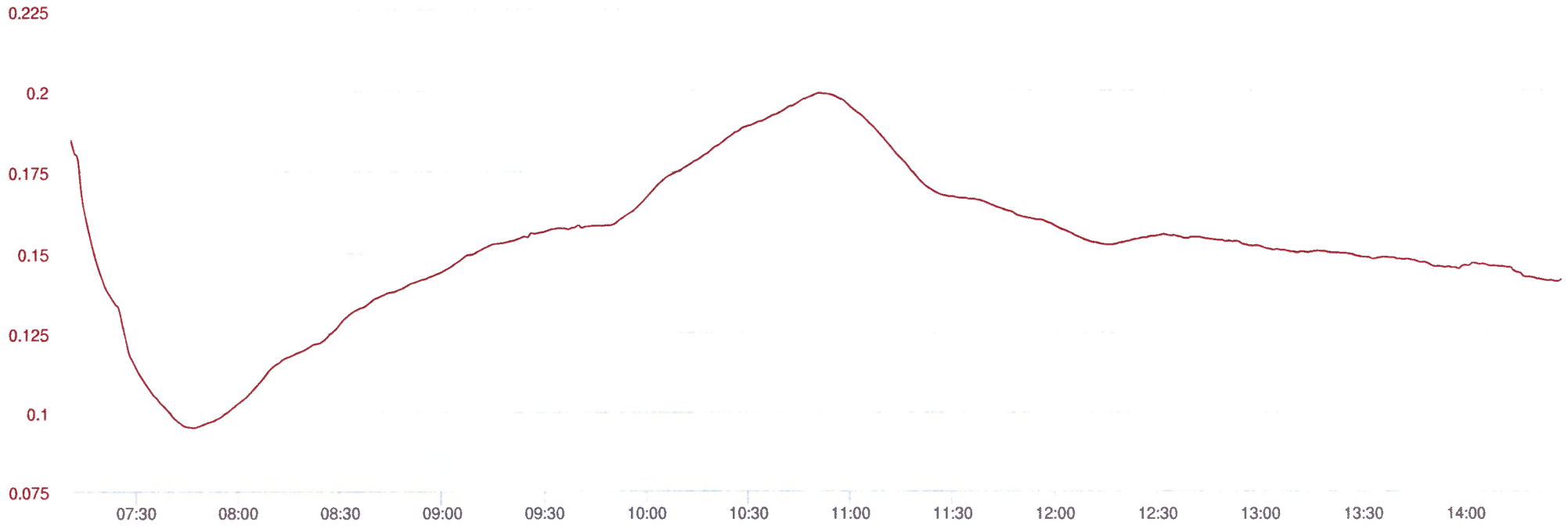
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0**	**0.3787**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



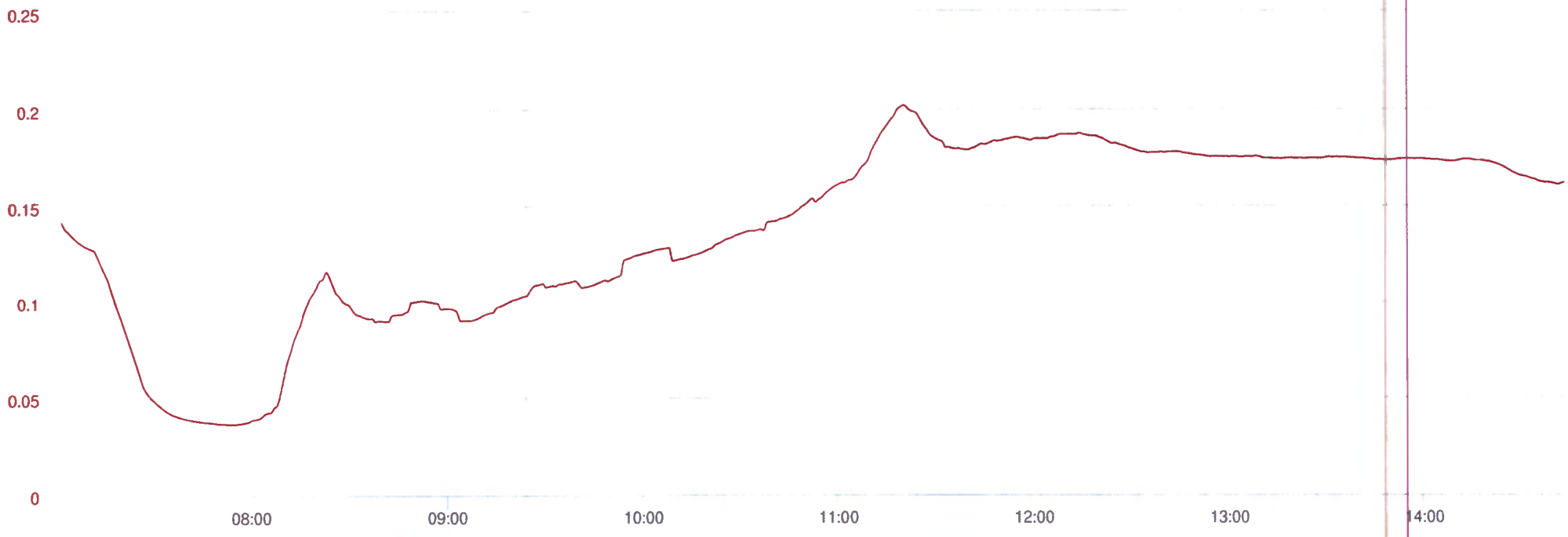
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.095	**0.1519**	**0.1993**

Name	Base Unit
S/N	0B428062
Description	Placed in area B6
Location	3 Sheridan Pl, Island Park, NY 11558, USA

enviro net

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



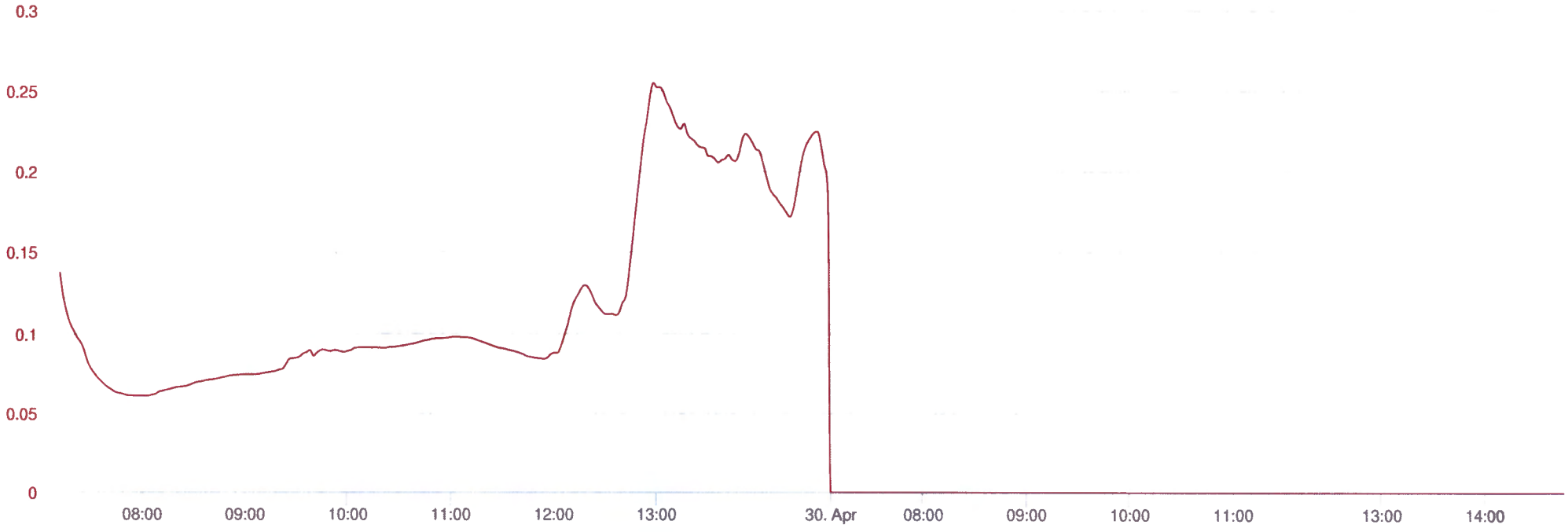
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0365	**0.1376**	**0.2019**

Name	Upwind Monitor #1
S/N	0B400736
Description	Harbor Isle Upwind #1
Location	7 Washington Pl, Island Park, NY 11558, USA

enviro net

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



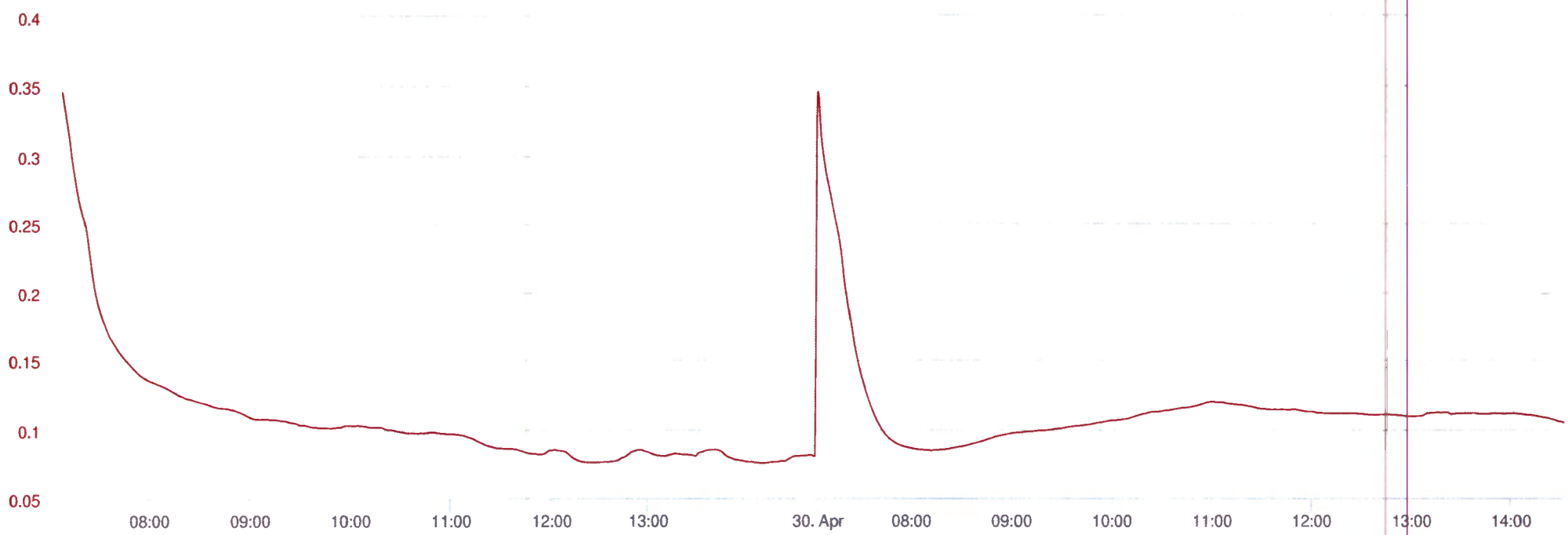
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0	**0**	**0.2554**

Name	Downwind Monitor #2
S/N	0B400567
Description	Harbor Isle Downwind #2
Location	23 Island Pkwy S, Island Park, NY 11558, USA

enviro net™

04/29/2019 7:00:00 – 04/30/2019 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



VOC ppm AVG 15m ppm
miniRAE 3000
RS232(C)

MIN	AVG	MAX
0.0752	**0.1102**	**0.356**

Name	Downwind Monitor #3
S/N	0B400710
Description	Harbor Isle Downwind #3
Location	40 Island Pkwy S, Island Park, NY 11558, USA